Version 64

EXPORT CATALOGUE
2025/2026



GEMAS was established on 23.09.1993 by the iniative of Mr. İBRAHİM ÜSTÜNES who is currently the general manager of the company. In our region, GEMAS is a leader manufacturing company; having 1500 m^2 office, 20000 m^2 indoor production facility + warehouse and over 400 employees. The company has a continuous tendency of growth by means of the deep experience of engineering and manufacturing in the swimming pool sector.

GEMAS has a very wide range of products, manufactured under ISO 9001-2000 quality management system approved by TUV Sud; namely:

Roto-Molded, Injected and Blow Molded Thermoplastic, Bobbin Wound and FRP Sand Filters, Multiport Valves, Self-priming Pumps, Skimmers, Underwater Lights, Transformers, Inlets, Main Drains, Ladders, Diving Boards, Overflow Gratings, Automatic pH and Redox Controllers, Salt Chlorinators, Cleaners and Cleaning Accessories, UPVC Fittings and Valves, Olympic Pool Accessories, Heaters and Fountain Nozzles.

GEMAS Group has structured GEMPAS Pazarlama Lojistik A.S. company, based in Izmir, oppointed to run all sales, marketing and distribution activities of the group national and international. GEMPAS operates with 3000 sqm central warehouse in ITOB, same industrial zone with GEMAS factory, 3 sales shops around Turkey and 2 international subsidiaries Bulgaria and Dubai.

Group also includes another production company STAR Water Technology. Star is dedicated to produce high quality PVC pressure fittings and valves with FITVALF brand.

GEMAS Group with its production and distribution companies; are ready to provide high quality swimming pool products with competitive prices and very high customer satisfaction.

ISO 9001



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WE HAVE EXPANDED OUR IZMIR FACTORY!...
We are at your service with our new sales organization...

We have optimised our production by increasing capacity at our Izmir Factory with 20000 m² production area and 1500 m² office area on 15 acres of land.

Our factory is located in ITOB Organized Industrial Zone between Menderes and Torbal› in ‹zmir. Our new sales organization "GEMPAS PAZARLAMA" started its operations in Izmir ITOB with a 3000 m² main warehouse.

All our domestic branches and international subsidiaries operate within the new sales organization with a total of 3500 m² closed warehouse space.



Istanbul Head Office

Production Video





Izmir Factory



Gempas Pazarlama - Izmir Center



Istanbul Warehouse



Bodrum Branch Office



Antalya Branch Office



Gemas MEA, Dubai



/GemasPoolTechnology

/GemasGenel

/GemasHavuz

/Gemas_Havuz

/Gemas-Pool-Technology

GEMPAS PAZARLAMA LOJISTIK TICARET A.S.
BANK ACCOUNT

- HALKBANK IBAN No:

TR29 0001 2009 7290 0058 0001 94 (€)
TR21 0001 2009 7290 0053 0001 82 ($)
SWIFT CODE: TRHBTR2AXXX

- GARANTI BANK IBAN No:

TR73 0006 2000 4480 0009 0719 05 (€)
TR03 0006 2000 4480 0009 0719 04 ($)
SWIFT CODE: TGBATRISXXX

New Products

New Products



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Automatic
Multiport Valves

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01 Pumps 1

02 Sand Filters 3

Self-priming Pool Pumps

2850 rpm



GEMAS "DRIFTER"
Self-priming, thermoplastic body pump with monoblock pre-filter. Connections are with slip unions (Ø50 or Ø63) or female threaded (2"). **Pump shaft is stainless steel.**
Easy opening lid with 40° rotation. Transparent **"Xylex"** cover option for high chemical resistance against cracks.
3 l pre-filter basket much larger than its equivalents.
Co-axial pump connections offer convenience for replacing various pumps from different brands available in the market.

2 years Parts WARRANTY

CE



2" Female connection



Ø50 or Ø63 Slip connection self coupling

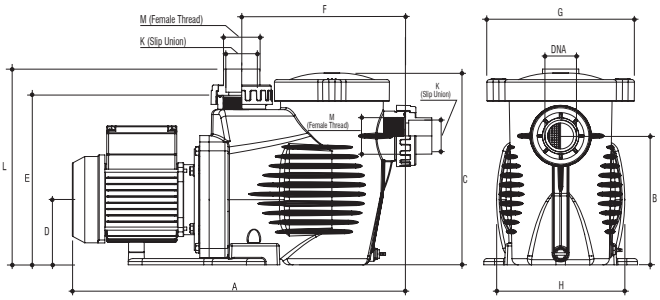


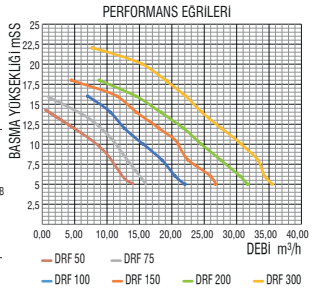
Wide and clear view on pre-filter lid



Stainless steel motor shaft

Description	Code	Pieces/ box	Weight Kg	Volume m^3
•DRF-50M 0,5 HP, Monophase	**0111DRF50M**	1	12,195	0,038
•DRF-80M 0,75 HP, Monophase	**0111DRF75M**	1	13,081	0,038
•DRF-80T 0,75 HP, Triphase	**0111DRF75T**	1	12,485	0,038
•DRF-100M 1 HP, Monophase	**0111DRF100M**	1	13,765	0,038
•DRF-100T 1 HP, Triphase	**0111DRF100T**	1	13,100	0,038
•DRF-150M 1,5 HP, Monophase	**0111DRF150M**	1	16,680	0,038
•DRF-150T 1,5 HP, Triphase	**0111DRF150T**	1	15,460	0,038
•DRF-200M 2,0 HP, Monophase	**0111DRF200M**	1	18,530	0,038
•DRF-200T 2,0 HP, Triphase	**0111DRF200T**	1	16,760	0,038
•DRF-300M 3,0 HP, Monophase	**0111DRF300M**	1	18,530	0,038
•DRF-300T 3,0 HP, Triphase	**0111DRF300T**	1	16,760	0,038





PUMP TYPE	HP	CON-DEN-SER (F)	AMPERES II 220 V	AMPERES III 220 V	AMPERES III 380 V	HEAD mwh 5	6	8	10	12	14	16	18	20	22
						FLOW m³/h									
DRF-50M	0,50	14	2,60	-	-	14,00	12,00	10,00	8,00	5,00	1,00	-	-	-	-
DRF-80T/M	0,75	14	3,50	2,60	1,45	16,00	15,00	13,00	11,00	9,00	6,00	1,00	-	1,00	-
DRF-100T/M	1	20	4,60	3,30	1,90	22,00	20,33	18,30	15,80	13,33	10,44	6,95	-	-	-
DRF-150T/M	1,5	25	6,40	4,70	2,70	27,26	26,00	23,50	21,00	18,00	14,73	11,39	4,22	-	-
DRF-200T/M	2	30	8,70	6,00	3,50	31,48	30,13	27,57	24,60	21,76	18,08	14,40	8,89	-	-
DRF-300T/M	3	30	12,30	6,00	3,50	36,35	35,61	33,34	30,73	28,40	25,20	22,06	18,62	15,09	7,73

PUMP TYPE	DIMENSIONS K	K	M	A	B	C	D	E	F	G	H	L	Net Weight (Kg) Mo.	Net Weight (Kg) Tri.	Gross Weight (Kg) Mo.	Gross Weight (Kg) Tri.
DRF-50M	Ø50	Ø50	2"	550	206	307	105	271	262	236	205	313	11,245	-	12,195	-
DRF-80T/M	Ø50	Ø50	2"	550	206	307	105	271	262	236	205	313	12,331	11,535	13,081	12,485
DRF-100T/M	Ø50	Ø50	2"	550	206	307	105	271	262	236	205	313	12,815	12,151	13,765	13,100
DRF-150T/M	Ø63	Ø63	2"	580	206	307	105	271	262	236	205	313	15,729	14,509	16,680	15,460
DRF-200T/M	Ø63	Ø63	2"	580	206	307	105	271	262	236	205	313	17,579	15,811	18,530	16,760
DRF-300T/M	Ø63	Ø63	2"	580	206	307	105	271	262	236	205	313	17,579	15,811	18,530	16,760

SUCTION PIPE DIMENSIONS

PUMP TYPE	DRF-50M	DRF-80T/M	DRF-100T/M	DRF-150T/M	DRF-200T/M	DRF-300T/M
SUCTION PIPE Ø	1,5" (Ø50 mm)	2" (Ø63 mm)	2,5" (Ø75 mm)	2,5" (Ø75 mm)	3" (Ø90 mm)	3" (Ø90 mm)

PS: It is recommended to use a conical reducer at the suction line of the pump.

We reserve our right to change all or part of the features of the articles or contents of this document, without prior notice.

2850 rpm

Self-priming Pool Pumps



2 years Parts WARRANTY

GEMAS "STREAMER 2010" Self-priming, thermoplastic body Monoblock Pool Pump; complete with pre-filter. Models of 1 HP and below - suction Ø is 1,5" and discharge Ø is 2". Models of 1,5 HP and above - both suction and discharge Ø are 2". Connection unions are compatible with Fitvalf d50 ball valve handle. Easy opening lid with 40° rotation. Optional **"Xylex"** lid for enhanced chemical resistance. Large pre-filter basket. 2850 rpm - IP55 motor. **Pump shaft is stainless steel.**

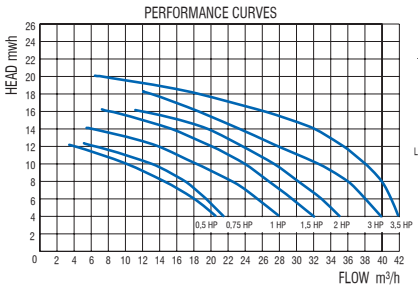
Description	Code	Pieces/ box	Weight Kg	Volume m^3
•STRN-50M 0,5 HP, Monophase	**0111STRN50M**	1	11,514	0,051
•STRN-80M 0,75 HP, Monophase	**0111STRN75M**	1	12,484	0,051
•STRN-80T 0,75 HP, Triphase	**0111STRN75T**	1	11,750	0,051
•STRN-100M 1 HP, Monophase	**0111STRN100M**	1	13,609	0,051
•STRN-100T 1 HP, Triphase	**0111STRN100T**	1	12,244	0,051
•STRN-150M 1,5 HP, Monophase	**0111STRN150M**	1	16,344	0,051
•STRN-150T 1,5 HP, Triphase	**0111STRN150T**	1	15,669	0,051
•STRN-200M 2,0 HP, Monophase	**0111STRN200M**	1	18,404	0,051
•STRN-200T 2,0 HP, Triphase	**0111STRN200T**	1	17,534	0,051
•STRN-300M 3,0 HP, Monophase	**0111STRN300M**	1	18,404	0,051
•STRN-300T 3,0 HP, Triphase	**0111STRN300T**	1	17,534	0,051
•STRN-350M 3,5 HP, Monophase	**0111STRN350M**	1	21,704	0,054
•STRN-350T 3,5 HP, Triphase	**0111STRN350T**	1	20,384	0,054

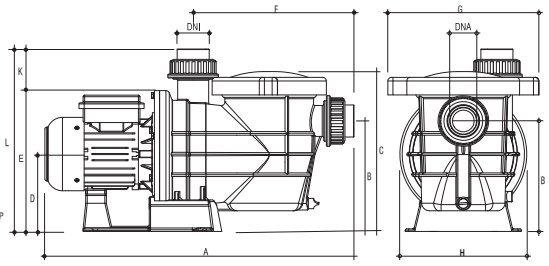


Easy access lid



Wide and clear view on pre-filter lid
Made of polycarbonate







Coupling compatible with
d50 Fitvalf ball valve handle

PUMP TYPE	HP	CON-DEN-SER (F)	AMPERES II 220 V	AMPERES III 220 V	AMPERES III 380 V	HEAD mwh 4	6	8	10	12	14	16	18	20
						FLOW m³/h								
STRN-50T/M	0,50	14	2,60	-	-	20,50	18,00	14,30	10,00	4,00	-	-	-	-
STRN-80T/M	0,75	14	3,50	2,50	1,45	21,70	19,50	17,00	13,00	6,00	-	-	-	-
STRN-100T/M	1	20	4,60	3,30	1,90	28,00	25,70	22,50	18,00	13,90	6,00	-	-	-
STRN-150T/M	1,5	25	6,40	4,70	2,70	32,00	29,70	26,50	24,00	20,00	15,50	8,00	-	-
STRN-200T/M	2	30	8,70	6,00	3,50	35,00	33,00	30,00	27,50	23,80	19,50	12,00	-	-
STRN-300T/M	3	30	8,70	6,00	3,50	40,00	38,00	36,00	32,40	27,60	23,20	18,50	13,00	-
STRN-350T/M	3,5	65	12,30	7,65	4,40	42,00	41,00	40,00	38,00	35,50	32,00	26,40	18,50	7,10



Large volume basket

PUMP TYPE	DIMENSIONS DNA	DNI	A	K	B	C	D	E	F	G	H	L	Net Weight (Kg) Mo.	Tri.	Gross Weight (Kg) Mo.	Tri.
STRN-50T/M	1,5"	1,5"	610	80	215	310	160	275	320	292	245	355	10,290	-	11,514	-
STRN-80T/M	2"	1,5"	610	80	215	310	145	275	320	292	245	355	11,234	-	12,484	-
STRN-100T/M	2"	1,5"	610	80	215	310	145	275	320	292	245	355	12,360	11,000	13,609	12,244
STRN-150T/M	2"	2"	630	80	215	310	160	275	320	292	245	355	15,095	14,420	16,344	15,669
STRN-200T/M	2"	2"	630	80	215	310	145	275	320	292	245	355	17,150	16,280	18,404	17,534
STRN-300T/M	2"	2"	630	80	215	310	145	275	320	292	245	355	17,150	16,280	18,404	17,534
STRN-350T/M	2"	2"	670	80	215	310	145	275	320	292	245	355	20,450	19,130	21,704	20,384



Stainless steel motor shaft

SUCTION PIPE DIMENSIONS

PUMP TYPE	STRN-50T/M	STRN-80T/M	STRN-100T/M	STRN-150T/M	STRN-200T/M	STRN-300T/M	STRN-350T/M
SUCTION PIPE Ø	1,5" (Ø50 mm)	2" (Ø63 mm)	2,5" (Ø75 mm)	2,5" (Ø75 mm)	3" (Ø90 mm)	3" (Ø90 mm)	4" (Ø110 mm)

PS: It is recommended to use a conical reducer at the suction line of the pump.

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Self-priming Pool Pumps

2850 rpm

GEMAS "STREAMER MINI"
Self-priming, thermoplastic body Monoblock Pool Pump; complete with pre-filter. **Pump shaft in stainless steel.** Suction & Discharge 1,5". 2850 rpm - IP55 Motor. Easy opening lid with 40° rotation. **"Xylex"** lid option for resistance against aggressive chemicals.



2 years Parts WARRANTY

CE



Easy access lid



Self coupling



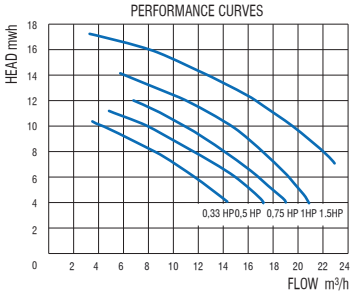


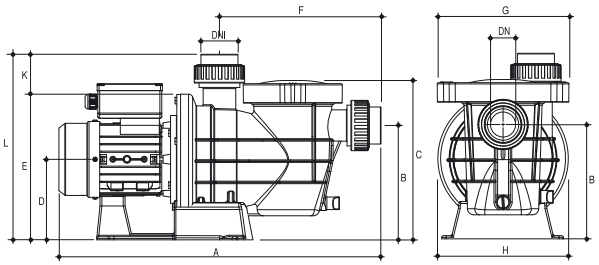
Noryl impeller



Stainless steel motor shaft

Description	Code	Pieces/ box	Weight Kg	Volume m^3
•STRM-33M 0,33 HP, Monophase	**0111STRM33M**	1	10,980	0,037
•STRM-50M 0,5 HP, Monophase	**0111STRM50M**	1	11,140	0,037
•STRM-80M 0,75 HP, Monophase	**0111STRM80M**	1	13,200	0,037
•STRM-80T 0,75 HP, Triphase	**0111STRM80T**	1	13,000	0,037
•STRM-100M 1 HP, Monophase	**0111STRM100M**	1	12,800	0,037
•STRM-100T 1 HP, Triphase	**0111STRM100T**	1	11,620	0,037
•STRM-150M 1,5 HP, Monophase	**0111STRM150M**	1	12,800	0,037
•STRM-150T 1,5 HP, Triphase	**0111STRM150T**	1	11,620	0,037





PUMP TYPE	HP	CON-DEN-SER (F)	AMPERES II 220 V	AMPERES III 220 V	AMPERES III 380 V	HEAD mwh 4	6	8	10	11	12	14	16	17
						FLOW m³/h								
STRM-0,33M	0,33	12,50	2,70	-	-	14,10	11,60	8,30	4,00	-	-	-	-	-
STRM-0,50M	0,50	14,00	2,60	-	-	17,20	14,90	11,40	7,90	4,80	-	-	-	-
STRM-0,80T/M	0,75	14,00	3,50	2,50	1,45	18,90	16,70	13,50	10,80	9,00	6,80	-	-	-
STRM-1,00T/M	1,00	14,00	3,50	2,50	1,45	20,80	19,30	17,10	14,90	13,20	10,50	6,00	-	-
STRM-1,50T/M	1,50	20,00	4,60	3,30	1,90	26,00	24,80	22,00	19,50	18,00	16,50	12,50	15,00	-

PUMP TYPE	DIMENSIONS DNA	DNI	A	K	B	C	D	E	F	G	H	L	Net Weight (Kg) Mo.	Tri.	Gross Weight (Kg) Mo.	Tri.
STRM-0,33M	1,5"	1,5"	510	70	175	265	140	240	255	210	210	315	9,980	-	10,980	-
STRM-0,50M	1,5"	1,5"	540	70	175	265	140	240	255	210	210	315	10,140	-	11,140	-
STRM-0,80T/M	1,5"	1,5"	540	70	175	265	140	240	255	210	210	315	12,200	-	13,200	13,000
STRM-1,00T/M	1,5"	1,5"	540	70	175	265	140	240	255	210	210	315	11,800	10,620	12,800	11,620
STRM-1,50T/M	1,5"	1,5"	540	70	175	265	140	240	255	210	210	315	11,800	10,620	12,800	11,620

SUCTION PIPE DIMENSIONS

PUMP TYPE	STRM-33M	STRM-50M	STRM-80T/M	STRM-100T/M	STRM-150T/M
SUCTION PIPE Ø	1,5" (Ø50 mm)	1,5" (Ø50 mm)	2" (Ø63 mm)	2" (Ø63 mm)	2,5" (Ø75 mm)

PS: It is recommended to use a conical reducer at the suction line of the pump.

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Self-priming Pool Pumps

NEW !

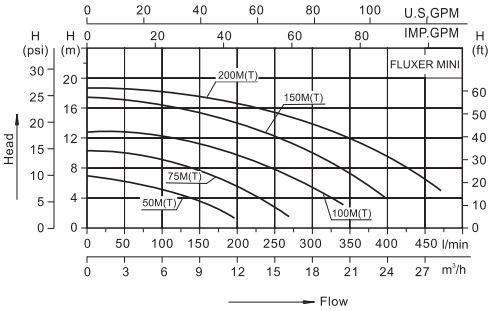
GEMAS "FLUXER MINI"
Self-priming, thermoplastic body Monoblock Pool Pump; complete with pre-filter. IP55 Motor.

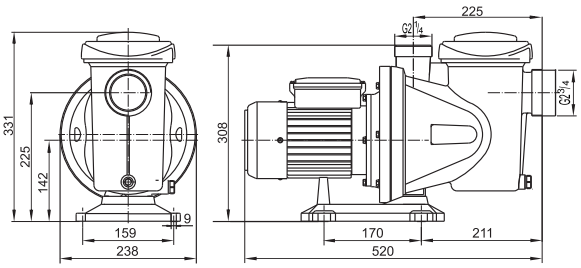


Description	Code	Pieces/ box	Weight Kg	Volume m^3
•FLXM-50M 0,50 HP, Monofaze	**0111FLXM50M**	1	18,120	0,096
•FLXM-75M 0,75 HP, Monofaze	**0111FLXM75M**	1	20,320	0,096
•FLXM-75T 0,75 HP, Trifaze	**0111FLXM75T**	1	19,120	0,096
•FLXM-100M 1 HP, Monofaze	**0111FLXM100M**	1	20,320	0,096
•FLXM-100T 1 HP, Trifaze	**0111FLXM100T**	1	19,120	0,096
•FLXM-150M 1,5 HP, Monofaze	**0111FLXM150M**	1	20,120	0,096
•FLXM-150T 1,5 HP, Trifaze	**0111FLXM150T**	1	21,120	0,096
•FLXM-200M 2 HP, Monofaze	**0111FLXM200M**	1	25,120	0,096
•FLXM-200T 2 HP, Trifaze	**0111FLXM200T**	1	23,120	0,096



Clear view of the pre-filter cover.





PUMP TYPE	HP	CON-DEN-SER (F)	AMPER II 230 V	AMPER III 230 V	AMPER III 400 V	HEAD mwh 4	6	8	10	11	12	14	16	17
						FLOW m^3/h								
FLXM-50M	1	7	1,9	-	-	8,5	4,0	-	-	-	-	-	-	-
FLXM-75T/M	1	10	2,7	1,6	0,9	13,0	10,6	8,06	4,0	-	-	-	-	-
FLXM-100T/M	1	10	3,8	2,30	1,3	19,5	17,20	14,3	12,0	10,0	8,0	-	-	-
FLXM-150T/M	1,5	20	5,2	3,40	2	22,5	20,7	19,0	17,0	16,0	14,3	12,0	8,0	-
FLXM-200T/M	2	30	7	4,30	2,5	23,2	22,0	21,0	19,80	18,2	17,2	14,3	10,0	8,0

PUMP TYPE	DIMENSIONS DNA	DNI	A	B	C	D	E	F	G	I	H	J	K	Net Weight (Kg) Mo.	Tri.	Gross Weight (Kg) Mo.	Tri.
FLXM-50M	G2.75"	G2.25"	730	375	295	384	185	355	390	490	292	315	225	8,5	-	9,5	-
FLXM-75T/M	G2.75	G2.25"	730	375	295	384	185	355	390	490	292	315	225	9,9	9,4	10,7	10,3
FLXM-100T/M	G2.75	G2.25"	730	375	295	384	185	355	390	490	292	315	225	10,8	10,4	11,6	11,2
FLXM-150T/M	G2.75	G2.25"	750	395	295	384	185	355	390	490	292	315	225	12,2	11,7	13	12,5
FLXM-200T/M	G2.75	G2.25"	750	395	295	384	185	355	390	490	292	315	225	12,4	12,3	13,4	13,1

SUCTION PIPE DIMENSIONS

PUMP TYPE	FLXM-50M	FLXM-75T/M	FLXM-100T/M	FLXM-150T/M	FLXM-200T/M
SUCTION PIPE Ø	1,5" (Ø50 mm)	1,5" (Ø50 mm)	1,5" (Ø50 mm)	1,5" (Ø50 mm)	1,5" (Ø50 mm)

PS: It is recommended to use a conical reducer at the suction line of the pump.

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Self-priming - Variable Speed Pumps

"Saving Energy"

2100/2400/2850 rpm

2 years Parts WARRANTY



GEMAS "RANGER" Self-priming, thermoplastic body pump with monoblock pre-filter. Connections are with unions; 1,5 HP model - suction Ø is 1,5" and discharge Ø is 2". 3 HP Model - both suction and discharge Ø are 2". **Pump shaft is stainless steel.** Easy opening lid with 40° rotation. "Transparent **"Xylex"** cover option for high chemical resistance against cracks.
4,5 l pre-filter basket much larger than its equivalents. Pump connection fittings can be tightened and opened with 50 mm Fitvalf ball valve handle.
Three cycles, allowing to choose between 1400-2850 cycles.
Factory settings: 1st cycle - 2100 rpm, 2nd cycle - 2400 rpm, 3rd cycle - 2850 rpm. **Permanent Magnet - IP55 motor.** Cable connection is available for speed control from the external panel. Motors are single-phase input. It has soft start and stop features.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
•RN-150M 1,5 HP, Monophase	**0111RN150M**	1	14,000	0,051
•RN-300M 3,0 HP, Monophase	**0111RN300M**	1	19,050	0,051



Speed controlled



Easy access lid



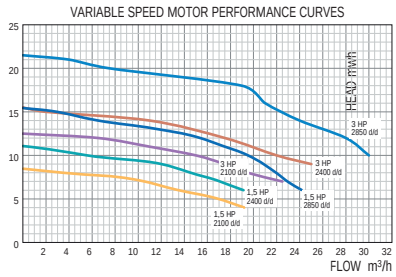
Wide and clear view on pre-filter lid
Made of polycarbonate

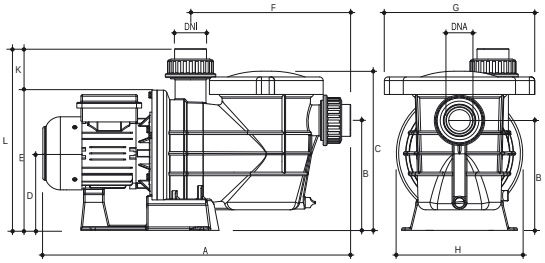


Coupling compatible with
d50 Fitvalf ball valve handle



Stainless steel motor shaft





PUMP TYPE		HEAD mwh														
		4	5	6	7	8	9	10	11	12	13	14	15	16	17	17,5
RN-150M	1,5	FLOW m³/h														
2100 rpm		18,25	15,85	13,35	10,11	3,43	-	-	-	-	-	-	-	-	-	-
2400 rpm		-	-	19,06	17,05	14,40	11,88	5,55	-	-	-	-	-	-	-	-
2850 rpm		-	-	24,15	23,30	22,00	20,90	19,50	17,37	15,30	11,50	6,40	2,40	-	-	-
		AMPERES II 220 V														
2100 rpm		2,50	2,40	2,20	2,20	1,60	1,30	-	-	-	-	-	-	-	-	-
2400 rpm		-	-	3,50	3,50	3,40	3,00	2,40	1,70	-	-	-	-	-	-	-
2850 rpm		-	-	6,00	5,90	5,90	5,80	5,90	5,60	5,40	4,90	4,10	3,30	2,90	-	-

PUMP TYPE		HEAD mwh													
		7	8	9	10	11	12	14	15	15,5	16	18	20	21	21,5
RN-300M	3,0	FLOW m³/h													
2100 rpm		22,50	19,50	17,50	15,00	11,00	6,50	-	-	-	-	-	-	-	-
2400 rpm		-	-	25,00	22,00	19,00	17,50	11,00	2,00	-	-	-	-	-	-
2850 rpm		-	-	-	30,00	28,50	28,00	24,00	-	-	21,00	19,00	7,50	4,00	-
		AMPERES II 220 V													
2100 rpm		7,00	6,70	6,50	5,90	5,20	4,40	-	-	-	-	-	-	-	-
2400 rpm		-	-	10,30	9,30	-	8,50	7,00	5,30	5,00	-	-	-	-	-
2850 rpm		-	-	-	14,60	-	14,60	14,60	-	-	14,60	13,20	9,90	8,40	8,00

PUMP TYPE	DIMENSIONS												Net Weight (Kg)	Gross Weight (Kg)
	DNA	DNI	A	K	B	C	D	E	F	G	H	L	Monophase	Monophase
RN-150M	2"	1,5"	615	80	215	310	160	275	320	292	245	355	11,650	14,000
RN-300M	2"	2"	730	80	205	310	160	275	320	292	245	355	17,400	19,050

SUCTION PIPE DIMENSIONS

PUMP TYPE	RN-150M	RN-300M
SUCTION PIPE Ø	2,5" (Ø75 mm)	3" (Ø90 mm)

PS: It is recommended to use a conical minimize at the suction line of the pump.

Example: A 3 HP pump running at 2000 rpm saves approximately €50 per month.

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ISAVER - Pool Pump Frequency Inverter

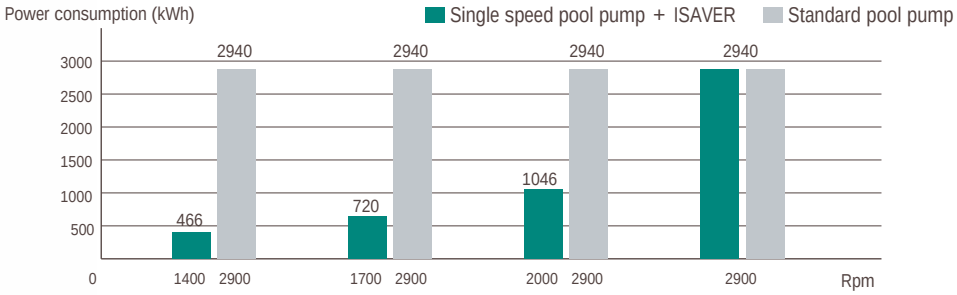
"New Inverter Technology"

2 years Parts WARRANTY

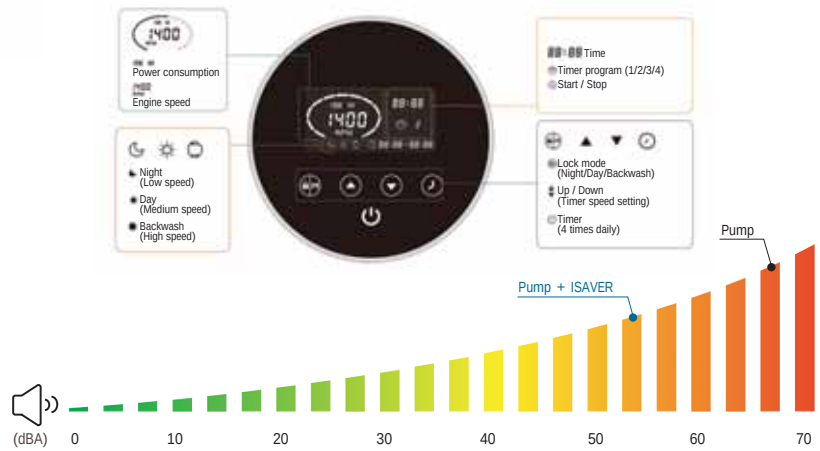


GEMAS "ISAVER" is the first "Touch Screen" frequency-inverter manufactured in the pool industry. By adjusting the running speed of the pool pump, it provides significant energy savings and operates silently. Additionally, it allows for automatic operation adjustment with different cycles within four time intervals throughout the day. The screen displays power consumption values corresponding to the set revolutions. It also offers the ability to adjust the speed during operation. Different models of the device are available for three-phase and single-phase motors (refer to the table for details). Max. capacity is 2,2 kW. The device includes dry contacts for various types of external controls. **PROVIDES SUBSTANTIAL ENERGY SAVINGS.**

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• ISAVER 1100	**0111INV1100**	1		
• ISAVER 1100C	**0111INV1100C**	1		
• ISAVER 2200	**0111INV2200**	1		
• ISAVER 2200C	**0111INV2200C**	1		



ISAVER Comparison Chart



TECHNICAL SPECIFICATIONS

MODEL	ISAVER 1100	ISAVER 2200	ISAVER 1100C	ISAVER 2200C
Operating Temp.	-10 ~ 40°C	-10 ~ 40°C	-10 ~ 40°C	-10 ~ 40°C
Input Power	1ph AC	1ph AC	1ph AC	1ph AC
Input Voltage	220V~240V	220V~240V	220V~240V	220V~240V
Frequency	50 Hz	50 Hz	50 Hz	50 Hz
Output Voltage	Mono, 0~240V	Mono, 0~240V	Tri, 0~240V	Tri, 0~240V
Output Power	Max 1.1kW	Max 2.2kW	Max 1.1kW	Max 2.2kW
Output Current	Max 6A	Max 12A	Max 4.5A	Max 8A
Pump Type	Monophase	Monophase	Triphase	Triphase
Speed Range	1200 ~ 2900 rpm			

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Self-priming Pumps

2850 rpm

GEMAS "PUMPEX 2010"

Self-priming, thermoplastic body monoblock pool pump, complete with a pre-filter. Suction size is 1,5", and discharge size is 2", both suction and discharge sizes are 2" on larger models. The connections are made with unions. The pump has an easy-opening lid with a 40° rotation. An optional **"Xylex"** lid is available for protection against aggressive chemicals. Larger basket. 2850 rpm - IP55 Motor. **The pump shaft is made of stainless steel.**

2 years Parts WARRANTY





Wide and clear view on pre-filter lid
Made of polycarbonate



Large volume basket

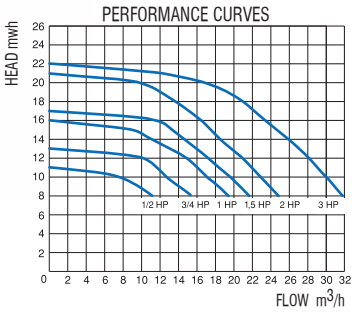


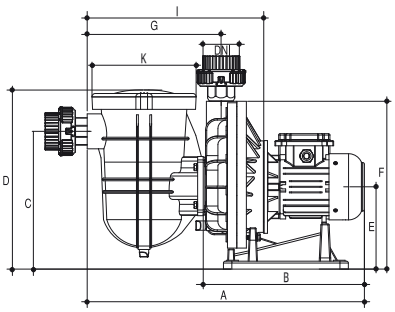
Stainless steel motor shaft

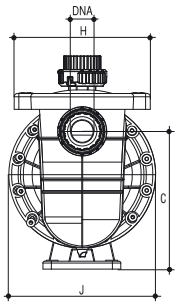


Noryl impeller

Description	Code	Pieces/ box	Weight Kg	Volume m^3
•PUMPEX-50M 0,50 HP, Monophase	**0111PX50M**	1	18,120	0,096
•PUMPEX-75M 0,75 HP, Monophase	**0111PX75M**	1	20,320	0,096
•PUMPEX-75T 0,75 HP, Triphase	**0111PX75T**	1	19,120	0,096
•PUMPEX-100M 1 HP, Monophase	**0111PX100M**	1	20,320	0,096
•PUMPEX-100T 1 HP, Triphase	**0111PX100T**	1	19,120	0,096
•PUMPEX-150M 1,5 HP, Monophase	**0111PX150M**	1	20,120	0,096
•PUMPEX-150T 1,5 HP, Triphase	**0111PX150T**	1	21,120	0,096
•PUMPEX-200M 2 HP, Monophase	**0111PX200M**	1	25,120	0,096
•PUMPEX-200T 2 HP, Triphase	**0111PX200T**	1	23,120	0,096
•PUMPEX-300M 3 HP, Monophase	**0111PX300M**	1	26,120	0,096
•PUMPEX-300T 3 HP, Triphase	**0111PX300T**	1	26,120	0,096







PUMP TYPE	HP	CON-DEN-SER (F)	AMPERES II 220 V	AMPERES III 220 V	AMPERES III 380 V	HEAD mwh 8	10	12	14	15	16	18	20
						FLOW m³/h							
PX-50M	0,50	13	2,60	-	-	11,14	7,25	-	-	-	-	-	-
PX-75T/M	0,75	20	3,80	3,70	-	15,33	12,64	10,00	-	-	-	-	-
PX-100T/M	1	25	4,95	3,11	1,80	19,43	17,00	14,84	11,00	8,89	-	-	-
PX-150T/M	1,5	30	7,80	4,41	2,55	21,65	19,47	17,12	14,57	13,30	11,36	-	-
PX-200T/M	2	40	9,90	5,88	3,40	24,80	22,90	20,90	18,40	17,50	16,40	13,60	9,60
PX-300T/M	3	40	-	8,00	4,90	32,00	30,00	28,00	26,00	25,00	23,50	21,00	17,00

PUMP TYPE	DIMENSIONS DNA	DNI	A	B	C	D	E	F	G	I	H	J	K	Net Weight (Kg) Mo.	Tri.	Gross Weight (Kg) Mo.	Tri.
PX-50M	2"	2"	730	375	295	384	185	355	390	490	292	315	225	16,500	-	18,120	-
PX-75T/M	2"	2"	730	375	295	384	185	355	390	490	292	315	225	17,420	-	20,320	19,120
PX-100T/M	2"	2"	730	375	295	384	185	355	390	490	292	315	225	18,620	17,420	20,320	19,120
PX-150T/M	2"	2"	750	395	295	384	185	355	390	490	292	315	225	18,520	19,420	20,120	21,120
PX-200T/M	2"	2"	750	395	295	384	185	355	390	490	292	315	225	23,420	21,420	25,120	23,120
PX-300T/M	2"	2"	750	395	295	384	185	355	390	490	292	315	225	24,120	24,420	26,120	26,120

SUCTION PIPE DIMENSIONS

PUMP TYPE	PX-75T/M	PX-100T/M	PX-150T/M	PX-200T/M	PX-300T/M
SUCTION PIPE Ø	1,5" (Ø50 mm)	2" (Ø63 mm)	2" (Ø63 mm)	2,5" (Ø75 mm	3" (Ø90 mm)

PS: It is recommended to use a conical reducer at the suction line of the pump.

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Pumps for Swimming Pools

2850 rpm

Self-priming Pumps

GEMAS "STREAMER MICRO"

Self-priming, thermoplastic body monoblock pool pump; complete with pre-filter. Both suction and discharge sizes are 1,5". Connections are made with unions. 2850 rpm - IP55 Motor.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• STR-250MIC 0,33 HP, Monophase	**0111STRMIC30**	1	11,880	0,051
• STR-370MIC 0,5 HP, Monophase	**0111STRMIC40**	1	12,850	0,051

PUMP TYPE	HP	CONDENSER (F)	AMPERES II 220 V	HEAD mwh 6	7	8	9	10	13	14
				FLOW m^3/h						
STR-250MIC	0,33	-	1,20	5,70	5,10	4,30	3,50	1,50	-	-
STR-370MIC	0,50	-	2,20	7,50	7,00	6,50	5,90	5,20	2,10	-



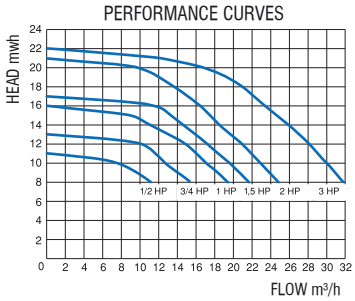
With union connection

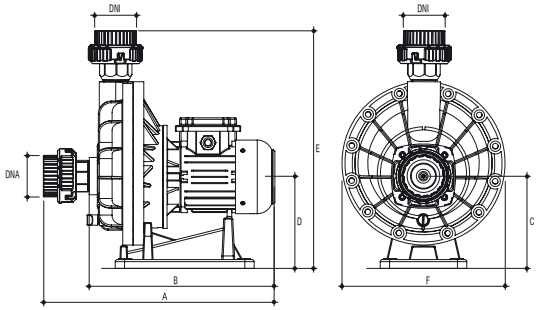
GEMAS "PUMPEX-JET".

Counter current pump. Suction size is 2", discharge size is 1,5". Connections are made with unions. **The pump shaft is made of stainless steel.** IP55 motor.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• PUMPEXJ-50M 0,50 HP, Monophase	**0111PXJ50M**	1	16,000	0,066
• PUMPEXJ-75M 0,75 HP, Monophase	**0111PXJ75M**	1	17,000	0,066
• PUMPEXJ-75T 0,75 HP, Triphase	**0111PXJ75T**	1	16,000	0,066
• PUMPEXJ-100M 1 HP, Monophase	**0111PXJ100M**	1	17,000	0,066
• PUMPEXJ-100T 1 HP, Triphase	**0111PXJ100T**	1	16,000	0,066
• PUMPEXJ-150M 1,5 HP, Monophase	**0111PXJ150M**	1	17,000	0,066
• PUMPEXJ-150T 1,5 HP, Triphase	**0111PXJ150T**	1	18,000	0,066
• PUMPEXJ-200M 2 HP, Monophase	**0111PXJ200M**	1	22,000	0,066
• PUMPEXJ-200T 2 HP, Triphase	**0111PXJ200T**	1	21,000	0,066
• PUMPEXJ-300M 3 HP, Monophase	**0111PXJ300M**	1	22,000	0,066
• PUMPEXJ-300T 3 HP, Triphase	**0111PXJ300T**	1	21,000	0,066









Cross section of impeller system

PUMP TYPE	HP	CON-DEN-SER (F)	AMPERES II 220 V	AMPERES III 220 V	AMPERES 380 V	HEAD mwh 8	10	12	14	15	16	18	20
						FLOW m^3/h							
PXJ-50M	0,50	13	2,60	-	-	11,14	7,25	-	-	-	-	-	-
PXJ-75T/M	0,75	20	3,80	3,70	-	15,33	12,64	10,00	-	-	-	-	-
PXJ-100T/M	1	25	4,95	3,11	1,80	19,43	17,00	14,84	11,00	8,89	-	-	-
PXJ-150T/M	1,5	30	7,80	4,41	2,55	21,65	19,47	17,12	14,57	13,30	11,36	-	-
PXJ-200T/M	2	40	9,90	5,88	3,40	24,80	22,90	20,90	18,40	17,50	16,40	13,60	9,60
PX-300T/M	3	40	-	8,00	4,90	32,00	30,00	28,00	26,00	25,00	23,50	21,00	17,00

PUMP TYPE	DIMENSIONS DNA	DNI	A	B	C	D	E	F	Net Weight (Kg) Mo.	Tri.	Gross Weight (Kg) Mo.	Tri.
PXJ-50M	2"	2"	470	375	185	185	460	315	16,500	-	18,120	-
PXJ-75T/M	2"	2"	470	375	185	185	460	315	17,420	-	20,320	19,120
PXJ-100T/M	2"	2"	470	375	185	185	460	315	18,620	17,420	20,320	19,120
PXJ-150T/M	2"	2"	490	395	185	185	460	315	18,520	19,420	20,120	21,120
PXJ-200T/M	2"	2"	490	395	185	185	460	315	23,420	21,420	25,120	23,120
PXJ-300T/M	2"	2"	490	395	185	185	460	315	24,120	24,420	26,120	26,120

TYPE	Packing Dimentions (mm)
PXJ - 50 / 75 / 100 / 150 / 200 / 300	560 x 360 x 400

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Self-priming Pool Pumps

2850 rpm

GEMAS "FLOODER"
Self-priming, thermoplastic body commercial pool pump; complete with a 20 l pre-filter. Both suction and discharge sizes are 4" (Ø110). Connections are made with slip unions. **The pump shaft is made of stainless steel 2850 rpm** - IP55 Motor.



2 years Parts WARRANTY

CE



Stainless steel motor shaft



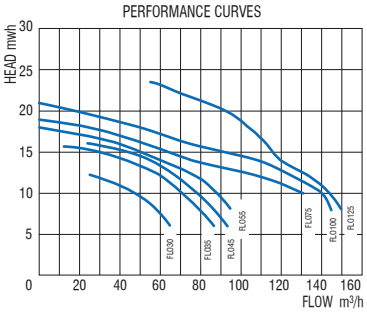
Noryl impeller

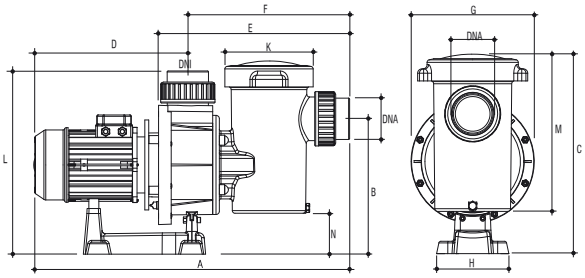


d.110 slip connection

Description	Code	Pieces/ box	Weight Kg	Volume m^3
•3 HP, Monophase, FLO 300M	**0111FLO30M**	1	33,250	
•3 HP, Triphase, FLO 300T	**0111FLO30**	1	32,250	
•3,5 HP, Monophase, FLO 350M	**0111FLO35M**	1	33,250	
•3,5 HP, Triphase, FLO 350T	**0111FLO35**	1	32,250	
•4,5 HP, Triphase, FLO 450T	**0111FLO45**	1	35,350	
•5,5 HP, Triphase, FLO 550T	**0111FLO55**	1	42,100	
•7,5 HP, Triphase, FLO 750T	**0111FLO75**	1	49,950	
•10 HP, Triphase, FLO 1000T	**0111FLO100**	1	56,100	
•12,5 HP, Triphase, FLO 1250T	**0111FLO125**	1	56,100	

PS: * All models could be coupled with larger capacity pre-filters upon request.
** In cases of high pressure due to pool depth, a polyester pre-filter is recommended.
Please refer to stock code 013209 - FR Polyester Pre-filter.





PUMP TYPE	HP	CONDEN-SER (F)	AMPERES II 220 V	AMPERES III 230 V	AMPERES III 380 V	HEAD mwh 6	8	10	12	14	16	17
						FLOW m³/h						
0111FLO30	3,0	-	-	10,40	6,00	65,00	56,50	47,00	25,00	-	-	-
0111FLO35	3,5	-	-	10,40	6,00	86,00	78,00	70,00	60,00	45,00	12,00	-
0111FLO45	4,5	-	-	11,70	6,75	94,00	88,00	78,00	68,00	55,00	24,00	-
0111FLO55	5,5	-	-	13,80	8,00	102,00	95,00	88,00	78,00	60,00	40,00	23,00

PUMP TYPE	HP	CONDEN-SER (F)	AMPERES III 230 V	AMPERES III 400 V	AMPERES III 700 V	HEAD mwh 8	10	12	14	16	18	20	24	25
						FLOW m³/h								
0111FLO75	7,5	-	-	12,10	7,00	140,00	131,00	110,00	76,00	53,00	25,00	-	-	-
0111FLO100	10,0	-	-	15,80	9,20	145,00	140,00	126,00	108,00	75,00	50,00	18,00	-	-
0111FLO125	12,5	-	-	15,80	9,20	150,00	144,00	134,30	120,00	113,00	104,00	92,70	56,80	-

PUMP TYPE	DIMENSIONS DNA	DNI	A	K	B	C	D	E	F	G	H	L	M	N	Net Weight (Kg)	Gross Weight (Kg)
0111FLO30	4"	4"	890	265	415	580	400	573	485	358	210	550	467	113	30,750	32,250
0111FLO35	4"	4"	890	265	415	580	400	573	485	358	210	550	467	113	30,750	32,250
0111FLO45	4"	4"	890	265	415	580	400	573	485	358	210	550	467	113	33,850	35,350
0111FLO55	4"	4"	910	265	415	580	420	573	485	358	210	550	467	113	40,600	42,100
0111FLO75	4"	4"	910	265	415	580	420	573	485	358	210	550	467	113	48,450	49,950
0111FLO100	4"	4"	930	265	415	580	440	573	485	358	210	550	467	113	54,600	56,100
0111FLO125	4"	4"	930	265	415	580	440	573	485	358	210	550	467	113		

SUCTION PIPE DIMENSIONS

PUMP TYPE	0111FLO30	0111FLO35	0111FLO45	0111FLO55	0111FLO75	0111FLO100	0111FLO125
SUCTION PIPE Ø	41/2"(Ø125 mm)	5"(Ø140 mm)	5"(Ø140 mm)	6"(Ø160 mm)	7"(Ø200 mm)	7"(Ø200 mm)	7"(Ø200 mm)

Note: We recommend using conical reducers at the pump suction point when reducing from the above pipe diameters down to 4" (110 mm).

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1450 rpm



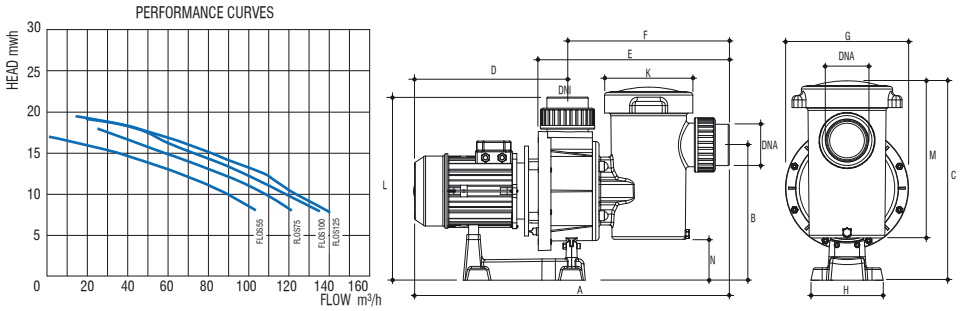
Self-priming Pool Pumps

GEMAS "FLOODER"
Self-priming, thermoplastic body Commercial Pool Pump; complete with 20 l pre-filter. Suction and Discharge 4" (Ø110). Connections are with slip unions. **Pump shaft in stainless steel.** 1450 rpm - IP55 Motor.

2 years Parts WARRANTY

Description	Code	Pieces/ box	Weight Kg	Volume m^3
•5,5 HP, Triphase, FLOS550T	**0111FLOS55**	1	42,100	0,213
•7,5 HP, Triphase, FLOS750T	**0111FLOS75**	1	49,950	0,213
•10 HP, Triphase, FLOS1000T	**0111FLOS100**	1	56,100	0,213
•12,5 HP, Triphase, FLOS1250T	**0111FLOS125**	1	56,100	0,213

PS: * All models can be produced with Ø125 or Ø110 mm suction connection.
** In cases of High Pressure due to pool depth, a polyester pre-filter is preferred. See stock code 013209 - FR Polyester pre-filter.





Stainless steel motor shaft



Noryl impeller



d.110 slip connection

PUMP TYPE	HP	CONDEN-SER (F)	AMPERES II 220 V	AMPERES III 220 V	AMPERES III 380 V	HEAD mwh 6	8	10	12	14	16	17
						FLOW m³/h						
0111FLOS55	5,5	-	-			-	105,00	90,00	70,00	45,00	15,00	-

PUMP TYPE	HP	CONDEN-SER (F)	AMPERES III 230 V	AMPERES III 400 V	AMPERES III 700 V	HEAD mwh 8	10	11	12	13	14	16	18	19
						FLOW m³/h								
0111FLOS75	7,5	-	-			120,00	107,00	100,00	90,00	80,00	66,00	43,00	25,00	10,00
0111FLOS100	10,0	-	-			135,00	120,00	110,00	103,00	97,00	83,00	60,00	35,00	20,00
0111FLOS125	12,5	-	-			140,00	123,00		110,00		85,00	65,00	35,00	18,00

PUMP TYPE	DIMENSIONS DNA	DNI	A	K	B	C	D	E	F	G	H	L	M	N	Net Weight (Kg)	Gross Weight (Kg)
0111FLOS55	4"	4"	910	265	415	580	420	573	485	358	210	550	467	113	40,600	42,100
0111FLOS75	4"	4"	910	265	415	580	420	573	485	358	210	550	467	113	48,450	49,950
0111FLOS100	4"	4"	935	265	415	580	440	573	485	358	210	550	467	113	54,600	56,100
0111FLOS125	4"	4"	935	265	415	580	440	573	485	358	210	550	467	113	54,600	56,100

SUCTION PIPE DIMENSIONS

PUMP TYPE	0111FLOS55	0111FLOS75	0111FLOS100	0111FLOS125
SUCTION PIPE Ø	6"(Ø160 mm)	7"(Ø200 mm)	7"(Ø200 mm)	7"(Ø200 mm)

Note: We recommend using conical reductions at the pump suction point if reducing from the above pipe diameters down to 4" (110 mm).

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Self-priming Pool Pumps

GEMAS "FLOODER JET"
Self-priming, thermoplastic body Jet Pump. Suction and Discharge 4" (Ø110). Connections are with slip union. 2850 rpm - IP55 Motor. **Pump shaft in stainless steel.**

2 years Parts WARRANTY

2850 rpm



CE



Stainless steel motor shaft

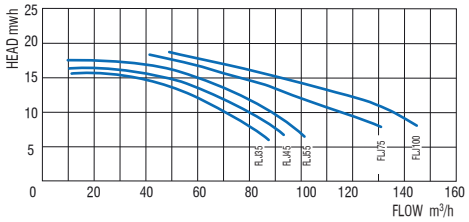
Description	Code	Pieces/ box	Weight Kg	Volume m^3
•3 HP, Monophase, FLJ 300M	**0111FLJ30M**	1	27,000	0,150
•3 HP, Triphase, FLJ 300T	**0111FLJ30**	1	26,000	0,150
•3,5 HP, Monophase, FLJ 350M	**0111FLJ35M**	1	27,000	0,150
•3,5 HP, Triphase, FLJ 350T	**0111FLJ35**	1	26,000	0,150
•4,5 HP, Triphase, FLJ 450T	**0111FLJ45**	1	29,900	0,150
•5,5 HP, Triphase, FLJ 550T	**0111FLJ55**	1	37,300	0,150
•7,5 HP, Triphase, FLJ 750T	**0111FLJ75**	1	45,250	0,150
•10 HP, Triphase, FLJ 1000T	**0111FLJ100**	1	51,400	0,150
•12,5 HP, Triphase, FLJ 1250T	**0111FLJ125**	1	51,400	0,150

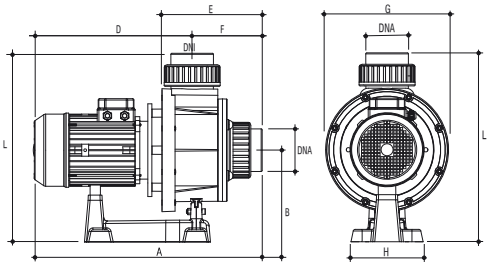
PS: All models can be produced with Ø125 or Ø110 mm suction connection.



Noryl impeller

PERFORMANCE CURVES





PUMP TYPE	HP	CONDEN-SER (F)	AMPERES II 220 V	AMPERES III 220 V	AMPERES III 380 V	HEAD mwh 6	8	10	12	14	16	17
						FLOW m³/h						
0111FLJ30	3,0	-	-			65,00	56,50	47,00	25,00			
0111FLJ35	3,5	-	-	10,40	6,00	86,00	78,00	70,00	60,00	45,00	12,00	-
0111FLJ45	4,5	-	-	11,70	6,75	94,00	88,00	78,00	68,00	55,00	24,00	-
0111FLJ55	5,5	-	-	13,80	8,00	102,00	95,00	88,00	78,00	68,00	50,00	28,00

PUMP TYPE	HP	CONDEN-SER (F)	AMPERES III 230 V	AMPERES III 400 V	AMPERES III 700 V	HEAD mwh 8	10	11	12	13	14	16	18	21
						FLOW m³/h								
0111FLJ75	7,5	-	-	12,10	7,00	121,00	112,00	107,00	101,00	96,00	87,00	65,50	42,50	-
0111FLJ100	10,0	-	-	15,80	9,20	145,00	136,60	130,00	123,00	113,00	101,50	78,50	49,50	-
0111FLJ125				15,80	9,20	150,00	144,00		134,30		120,00	113,00	104,00	

PUMP TYPE	DIMENSIONS DNA	DNI	A	B	D	E	F	G	H	L	Net Weight (Kg)	Gross Weight (Kg)
0111FLJ30	4"	4"	600	268	395	293	205	358	210	550	25,750	27,000
0111FLJ35	4"	4"	600	268	395	293	205	358	210	550	25,750	27,000
0111FLJ45	4"	4"	600	268	395	293	205	358	210	550	28,650	29,900
0111FLJ55	4"	4"	620	268	415	293	205	358	210	550	36,050	37,300
0111FLJ75	4"	4"	620	268	415	293	205	358	210	550	44,000	45,250
0111FLJ100	4"	4"	640	268	435	293	205	358	210	550	50,150	51,400
0111FLJ125	4"	4"	640	268	435	293	205	358	210	550		

SUCTION PIPE DIMENSIONS

PUMP TYPE	0111FLJ35	0111FLJ45	0111FLJ5 5	0111FLJ7 5	0111FLJ1 0 0	0111FLJ1 2 5
SUCTION PIPE Ø	5"(Ø140 mm)	5"(Ø140 mm)	6"(Ø160 mm)	7"(Ø200 mm)	7"(Ø200 mm)	7"(Ø200 mm)

Note: We recommend using conical reductions at the pump suction point if reducing from the above pipe diameters down to 4" (110 mm).

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1450 rpm



2 years Parts WARRANTY

Self-priming Pool Pumps

GEMAS "FLOODER JET"
Self-priming, thermoplastic body Jet Pump. Suction and Discharge 4" (Ø110). Connections are with slip union. 1450 rpm - IP55 Motor.
Pump shaft in stainless steel.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
•5,5 HP, Triphase, FLJS 550T	**0111FLJS55**	1	37,300	0,150
•7,5 HP, Triphase, FLJS 750T	**0111FLJS75**	1	45,250	0,150
•10 HP,Triphase, FLJS 1000T	**0111FLJS100**	1	51,400	0,150
•12,5 HP, Triphase, FLJS 1250T	**0111FLJS125**	1	51,400	0,150

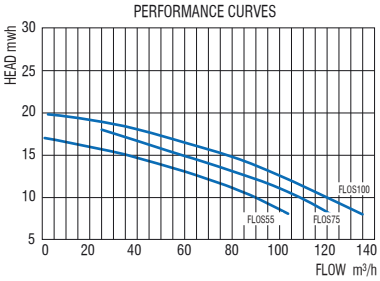
PS: All models can be produced with Ø125 or Ø110 mm suction connection.

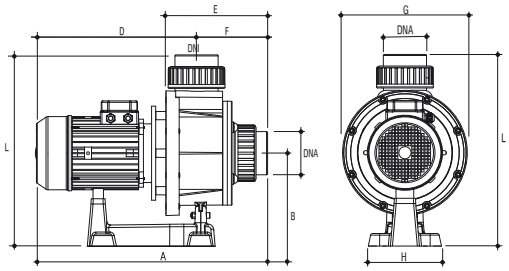


Stainless steel motor shaft



Noryl impeller





PUMP TYPE	HP	CONDEN-SER (F)	AMPERES II 220 V	AMPERES III 220 V	AMPERES III 380 V	HEAD mwh 6	8	10	12	14	16	17
						FLOW m³/h						
0111FLJS55	5,5	-	-			-	105,00	90,00	70,00	45,00	15,00	-

PUMP TYPE	HP	CONDEN-SER (F)	AMPERES III 230 V	AMPERES III 400 V	AMPERES III 700 V	HEAD mwh 8	10	11	12	13	14	16	18	19
						FLOW m³/h								
0111FLJS75	7,5	-	-			120,00	107,00	100,00	90,00	80,00	66,00	43,00	25,00	10,00
0111FLJS100	10,0	-	-			135,00	120,00	110,00	103,00	97,00	83,00	60,00	35,00	20,00
0111FLJS125	12,5	-	-			140,00	123,00	-	110,00	-	85,00	65,00	35,00	18,00

PUMP TYPE	DIMENSIONS DNA	DNI	A	B	D	E	F	G	H	L	Net Weight (Kg)	Gross Weight (Kg)
0111FLJS55	4"	4"	665	268	460	293	205	358	210	550	36,050	37,300
0111FLJS75	4"	4"	665	268	460	293	205	358	210	550	44,000	45,250
0111FLJS100	4"	4"	705	268	500	293	205	358	210	550	50,150	51,400
0111FLJS125	4"	4"	705	268	500	293	205	358	210	550	50,150	51,400

SUCTION PIPE DIMENSIONS

PUMP TYPE	0111FLJS5 5	0111FLJS7 5	0111FLJS1 0 0	0111FLJS1 2 5
SUCTION PIPE Ø	6"(Ø160 mm)	7"(Ø200 mm)	7"(Ø200 mm)	7"(Ø200 mm)

Note: We recommend using conical reductions at the pump suction point if reducing from the above pipe diameters down to 4" (110 mm).

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Self-priming Pool Pumps

2850 rpm

GEMAS "MEGA FLOODER"
Self-priming, thermoplastic body Commercial Pool Pump;
WITHOUT pre-filter. Pump shaft in stainless steel.
2850 rpm - IP55 Motor.



2 years Parts WARRANTY



Stainless steel motor shaft

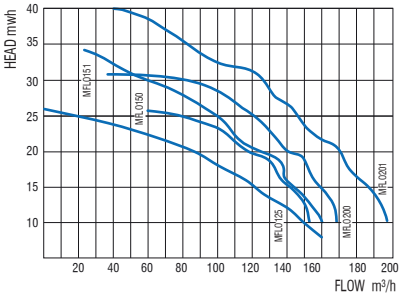
Description	Code	Pieces/ box	Weight Kg	Volume m^3
•12,5 HP, Triphase, MFLO 1250T	**0111MFL125**	1	51,400	
•15 HP, Type I Triphase, MFLO 1500T	**0111MFL150**	1	153,000	
•15 HP, Type II Triphase, MFLO 1500T	**0111MFL151**	1	153,000	
•20 HP, Type I Triphase, MFLO 2000T	**0111MFL200**	1	187,000	
•20 HP, Type II Triphase, MFLO 2000T	**0111MFL201**	1	187,000	
•6" Plastic pre-filter 40 l	**013331**	1	25,700	
•5"-6" Polyester laminated pre-filter, 20 l	**013217**	1	16,700	
•5"-8" Polyester laminated pre-filter, 65 l	**0132241**	1	31,500	

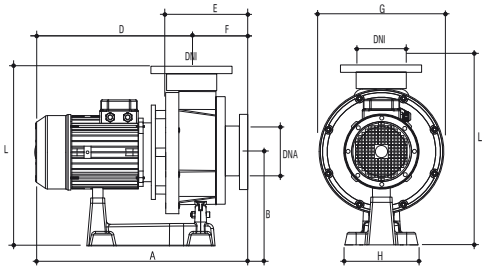
Note: Please refer to the "Pump pre-filters (Strainers)" section for pre-filter options and prices.



Special polyester base for heavy-duty applications

PERFORMANCE CURVES







013331

PUMP TYPE	HP	CON-DEN-SER (F)	AMPERES II 220V	AMPERES III 220V	AMPERES III 380V	HEAD mwh 10	12	14	16	18	20	22	24	26	28	31	32	33	34	37	41
						FLOW m³/h															
0111MFLO125	12,5	-	-	-	-	150,00	141,00	127,00	116,50	101,00	87,00	65,00	37,50	-	-	-	-	-	-	-	-
0111MFLO150	15,0	-	-	-	-	152,00	151,00	144,00	136,00	130,00	118,00	108,00	88,00	60,00	-	-	-	-	-	-	-
0111MFLO200	20,0	-	-	-	-	169,00	165,00	161,00	155,00	150,00	140,00	134,00	124,00	114,00	92,00	36,00	-	-	-	-	-
0111MFLO151	15,0	-	-	-	-	160,00	153,00	144,00	138,00	128,00	124,00	110,00	104,00	93,00	74,00	49,00	39,00	31,00	22,50	-	-
0111MFLO201	20,0	-	-	-	-	197,00	185,00	183,00	177,00	167,00	160,00	151,00	143,00	134,00	123,00	100,00	90,00	86,00	78,00	56,00	18,00

PUMP TYPE	DIMENSIONS DNA	DNI	A	B	C	D	E	F	G	H	L	Net Weight (Kg) Mo.	Tri.	Gross Weight (Kg) Mo.	Tri.
0111MFLO125															
0111MFLO150	5"	5"	700	280	-	540	260	160	360	420	252	-	139	-	153
0111MFLO200	5"	5"	700	280	-	640	260	160	360	420	252	-	170	-	187
0111MFLO151	5"	5"	700	280	-	540	260	160	360	420	252	-	139	-	153
0111MFLO201	5"	5"	700	280	-	640	260	160	360	420	252	-	170	-	187



Polyester laminated pre-filter (optional)

SUCTION PIPE DIMENSIONS

PUMP TYPE	0111FLO125	0111MFLO150	0111MFLO200
SUCTION PIPE Ø	8"(Ø225 mm)	8"(Ø225 mm)	8"(Ø225 mm)

PUMP TYPE	0111MFLO151	0111MFLO201
SUCTION PIPE Ø	8"(Ø225 mm)	8"(Ø225 mm)









1- Locking nut
2- Transparent lid
3- O-ring
4- Pre-filter basket
5- Pre-filter body
6- Gasket for drain
7- Drain plug
8- Connection screws
9- Body gasket
10- Body o-ring

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Pumps for Swimming Pools

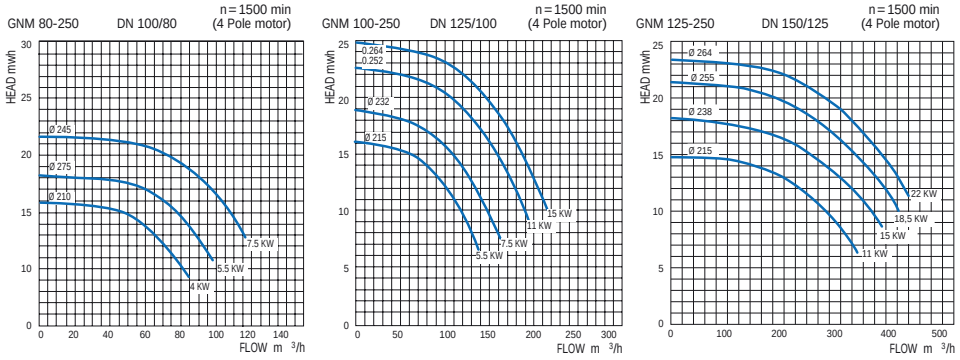


Cast Iron Pool Pumps

GEMAS "PUMPEX CAST IRON POOL PUMPS"
Cast iron body with mechanical seal and triphase motor. Shaft in Inox 420. 1450 rpm. Body for 10 bar pressure. In conformity with DIN 24255.
Pre-filter not included in the price.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
•GNM 80-250. 70 m³/h -	**011212P**	1		
16 mwh - 7,5 HP (5,5 kw) 4"- 3" Discharge - Ø 225 Fan.				
•GNM 100-250. 100 m³/h -	**011222P**	1		
16 mwh - 10 HP (7,5 kw) 5"- 4" Discharge - Ø 232 Fan.				
•GNM 100-250. 150 m³/h -	**011223P**	1		
16 mwh - 15 HP (11 kw) 5"- 4" Discharge - Ø 252 Fan.				
•GNM 125-250. 230 m³/h -	**011231P**	1		
16 mwh - 20 HP (15 kw) 6"- 5" Discharge - Ø 238 Fan.				

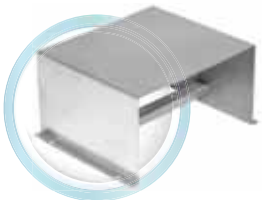
Note: 1- The pumps listed are produced upon request, with a lead time of approximately 7-15 days. Please inquire about the prices for capacities that are not included in the list.
2- Pumps with a bronze fan and stainless steel shaft are available at a 30% higher price."



Pump Bases and Vibration Bricks

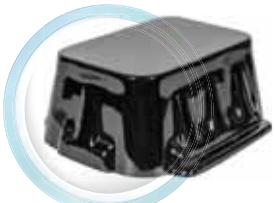
Pump Bases and Vibration Mounts The pump base is made of AISI 304 grade stainless steel and is specifically designed for pumps with a maximum power of 3 HP.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
•Single	**01411**	1	4,330	0,030
•Double	**01412**	1	8,320	0,040



FR Polyester Pump Base. Can be used for all Streamer and Flooder models up to 10 HP. 375 x 250 x 190 mm.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
•Single	**01413**	1		



Vibration mount Installed to minimize pump vibration.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
•M8, Ø30 - 25 mm	**0111STS10**	1		
•M10, Ø50 - 35 mm	**0111STS21**	1		



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Pump Pre-Filters (Strainers)



01312

Stainless Steel pre-filters

AISI 304 Quality Stainless Steel pre-filter. Lid with washer and nuts. Connections with Loose Flange.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
•5"	**01312**	1	15,000	
•6"	**01313**	1	17,350	
•8"	**01314**	1	19,450	

Plastic pre-filters

Fiberglass Reinforced PP Body. 20 l and 40 l capacity. PP basket. Polycarbonate transparent lid.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
•4" - Unions	**013311**	1	9,740	
•5"- Flanged	**013321**	1	10,750	
•Stainless Steel Pre-filter	**0111FL01**	1		
Basket AISI 304 Quality				
•6" - Flanged - 40 l	**013331**	1	25,300	



013311



013321



013331



FR Polyester pre-filters

Fiberglass reinforced polyester body pre-filter. Plastic pre-filter basket, transparent acrylic lid, loose flange.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
•4"-4,5" Suitable for Flooder Pump	**013209**	1		
•4"	**013210**	1		
•6"	**013323**	1		

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Pump Pre-Filters (Strainers)

Fiberglass reinforced polyester pre-filter. Loose flange connection and **65** l capacity. Pipe connections can be produced according to demand. Stainless steel basket. Transparent acrylic lid. Can be used up to 225 mm connections.

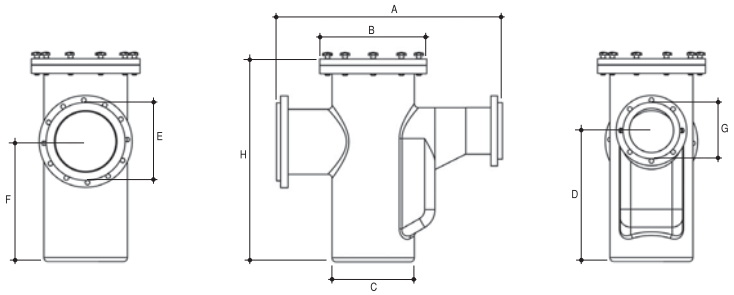


Description	Code	Pieces/ box	Weight Kg	Volume m^3
•4"	**013215**	1	31,500	0,340
•5"	**013216**	1	31,500	0,340
•6"	**013223**	1	31,500	0,340
•8"	**013229**	1		

Fiber glass reinforced polyester pre-filter. Loose flange connection. Ø280, Ø315 and Ø355 has **125 l** Ø400 and Ø450 has **285 l** capacity. AISI 304 quality stainless steel basket. Transparent acrylic lid. Can be used up to 225 mm connections.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
•8"- Ø280	**013224**	1		
•8"- Ø315	**013225**	1		
•8"- Ø355	**013226**	1		
•8"- Ø400	**013227**	1		
•8"- Ø450	**013228**	1		



PRE-FILTER TYPE	Code	DIMENSIONS							
		A	B	C	D	E	F	G	H
Ø225 - Ø280	013224	1098	520	400	635	Ø280	582	Ø225	983
Ø225 - Ø315	013225	1098	520	400	635	Ø315	582	Ø225	983
Ø225 - Ø355	013226	1098	520	400	635	Ø355	582	Ø225	983
Ø225 - Ø400	013227	1373	680	553	864	Ø400	788	Ø225	1220
Ø225 - Ø450	013228	1373	680	553	864	Ø400	788	Ø225	1220





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Submersible Pumps

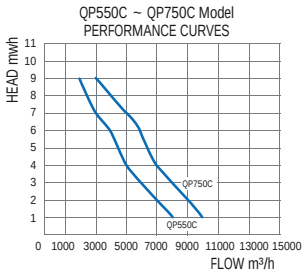


QP550C ~ QP750C Model:

IPX8, plastic body, mechanical seal, automatic reset thermal protected motor, submersible pump suitable for clean and dirty water discharge with impeller suitable for **maximum 5 mm grain size** for dirty water discharge. It has vertical electronic factor against floater malfunction in the drain pit. 10 m cable. Max. water temperature is 35˚C, ambient temperature is 40˚C.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
•QP550C	**013172**	1	6,000	0,050
•QP750C	**013173**	1	7,000	0,050

PUMP TYPE	Power (W)	Inch	Max. Pressure (M)	Max. Flow (L/H)	Max. Water Depth (m)	Max. Grain Size	Cable Length (m)	HEAD mwh					
								1	2	4	6	7	9
								FLOW m^3/h					
QP550C	550	1¼"	8.0	11000	7	5 mm	H05RN-F3G 1.0 mm 2x10 m	8	7	5	4	3	2
QP750C	750	1¼"	8.5	12500	7	5 mm	H07RN-F3G 1.0 mm 2x10 m	10	9	7	6	5	3



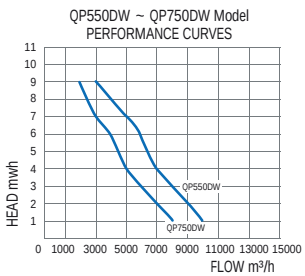


QP550 DW ~ QP750 DW Model:

IPX8, plastic body, mechanical seal, automatic reset thermal protected motor, submersible pump suitable for clean and dirty water discharge with impeller suitable for **maximum 35 mm grain size** for dirty water discharge. It has vertical electronic factor against floater malfunction in the drain pit. 10 m cable. Max. water temperature is 35˚C, ambient temperature is 40˚C.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
•QP550DW	**013191**	1	6,000	0,050
•QP750DW	**013192**	1	7,000	0,050

PUMP TYPE	Power (W)	Inch	Max. Pressure (M)	Max. Flow (L/H)	Max. Water Depth (m)	Max. Grain Size	Cable Length (m)	HEAD mwh					
								1	2	4	6	7	9
								FLOW m^3/h					
QP550DW	550	1¼"	6.5	10000	7	35 mm	H05RN-F3G 1.0 mm 2x10 m	8	7	5	4	3	2
QP750DW	750	1¼"	7.5	13000	7	35 mm	H07RN-F3G 1.0 mm 2x10 m	10	9	7	6	5	3



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Mechanical Float Flowmeters

NEW !



Mechanical flowmeters (rotameters) are designed for professionals who want to monitor fluid flow rate instantly and visually. Thanks to their high-quality AS housing, they offer excellent transparency, while UPVC fittings ensure complete sealing and corrosion resistance even in the most demanding installation conditions.

Applications

- Water Treatment: Reverse osmosis (RO) systems, softening and dosing units.
- Pool & Filtration: Circulation lines and pool disinfection systems.
- Industrial Processes: Chemical dosing, cooling water lines and textile dyeing units.
- Agriculture & Landscaping: Modern greenhouse systems and liquid fertilizer (fertigation) lines.

Key Benefits

- Visual and Easy Monitoring: Transparent design that does not require electrical connection allows for instant flow rate reading.
- High Chemical Resistance: Thanks to its UPVC and AISI 316 stainless steel components, it is long-lasting against rust and corrosion.
- Low Operating Cost: Its maintenance-free mechanical structure and economical price increase your installation efficiency.
- Easy Installation: With its standard line type structure and different connection options (adhesive/threaded/flanged), it integrates quickly into existing systems.



Technical Specifications

Taper tube from: AS	Leader from: AISI 316 SS	
Connections: UPVC	PN6. Accuracy: ± %4	Heat: 0 - 60 °C
Float from: ABS	Installation: Vertical, linear type.	Pressure: Maximum 6 bar

Description	Code	Flow Rate Range	Adhesive Bonding	Male Toothed	Female Toothed
LZS-15	**13LZS150**	5 - 50 lt/h	Q20	½" NPT ¾" BSP	½" NPT ½" BSP
	13LZS151	10 - 100 lt/h			
	13LZS152	16 - 160 lt/h			
	13LZS153	25 - 250 lt/h			
	13LZS154	40 - 400 lt/h			
	13LZS155	60 - 600 lt/h			
	13LZS156	100 - 1000 lt/h			
LZS-25	**13LZS250**	100 - 1000 lt/h	Q32	¾" NPT	¾"NPT ¾" BSP
	13LZS251	160 - 1600 lt/h			
	13LZS252	250 - 2500 lt/h			
LZS-32	**13LZS320**	0,4 - 4 m³ lt/h	Q40	1" NPT	1" NPT 1" BSP
	13LZS321	0,6 - 6 m³/h			
	13LZS322	1 - 10 m³/h			
LZS-50	**13LZS500**	1 - 10 m³/h	Q63	2" NPT	2" NPT 2" BSP
	13LZS501	1,6 - 16 m³/h			
LZS-65	**13LZS650**	5 - 25 m³/h	Q75	/	2½" NPT
	13LZS651	8 - 40 m³/h			
	13LZS652	12 - 60 m³/h			
LZS-80F DIN FLANGE	**13LZS800F**	8 - 40 m³/h	Q90	/	
	13LZS801F	12 - 60 m³/h			
LZS-100F DIN FLANGE	**13LZS1000F**	14 - 90 m³/h	Q110	Axis: 180 mm	
	13LZS1001F	12 - 120 m³/h			
LZS-125F DIN FLANGE	**13LZS1250F**	25 - 180 m³/h	Q125	Axis: 210 mm	
LZS-150F	**13LZS1500F**	25 - 200 m³/h	Q160	Axis: 240 mm	

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Pool Filter Lids

GEMAŞ Filter Lids Option Table







Filter \ Lids Type	Opaque Lid **Code**	Transparent Bolted Lid **Code + TL**	Opaque Bolted Wide Lid **Code + LL**	Transparent Bolted Wide Lid **Code + TLL**	Broadex Transparent Lid **Code + LLT**
Seljuk	✓	✓	—	—	—
Injectrone	✓	✓	✓	✓	✓ Ø600 mm Only
Fusion	✓	✓	✓	✓	✓ Ø600 mm Only
Filtrone	✓	✓	✓	✓	✓
Filtrone HB	✓	✓	✓	✓	✓
Turbidron	✓	✓	—	—	—
Filtrex 2025	✓	✓	—	—	—
Monocon	✓ Ø1200 mm Excluded	✓	✓	✓	✓
Monocon EVO	✓	✓	—	—	—
Monocon UNI	—	—	✓	✓	✓
Monocon HB	✓	✓	✓	✓	✓

PS: Code Extensions; **TL** Transparent Bolted Lid, **LL** Opaque Bolted Wide Lid, **TLL** Transparent Bolted Wide Lid and **LLT** Broadex Transparent Lid (screw cap)

TL Transparent Bolted Lid



Opaque Lid



LL Opaque Bolted Wide Lid



TLL Transparent Bolted Wide Lid

LLT Broadex Transparent Lid (screw cap)

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Injection Plastic Body Pool Filters

“Seljuk” BL
High Rate Sand Filter

Environment friendly

2 years Parts WARRANTY

GEMAS “Seljuk” It is produced from high quality PP material with plastic injection molding technology. The upper and lower parts are joined using a special welding technique. Complete with transparent lid, multiport valve, fittings, pressure gauge and air vent. **2-year warranty.** Test pressure 3,5 kg/cm², Maximum working pressure 2.5 kg/cm², Maximum filtration rate 50 m³/h/m².



021133



Transparent bolted lid (Patented)



Top mount



Folding collector arms



021131T



021132

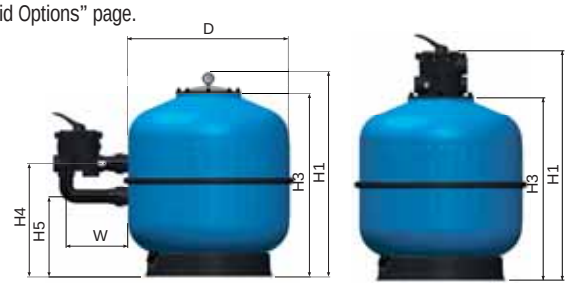


021134

Description	Code	Pieces/ box	Weight Kg	Volume m^3
•Ø500 1,5" multi. side valve	**021131**	1	12,000	0,215
•Ø630 1,5" multi. side valve	**021132**	1	13,350	0,325
•Ø710 2" multi. side valve	**021133**	1	18,500	0,440
•Ø900 2" multi. side valve	**021134**	1		
•Ø500 1,5" multi. top valve	**021131T**	1	11,514	0,215
•Ø630 1,5" multi. top valve	**021132T**	1	13,350	0,325
•Ø710 2" multi. top valve	**021133T**	1	18,500	0,440
•Ø900 2" multi. top valve	**021134T**	1		

PS: Please add "TL" to the code when ordering with transparent lid option
Please refer to the price list for price differences.

PS: For lid alternatives, please see the “Lid Options” page.



TECHNICAL CHARACTERISTICS

MODEL	021131	021132	021133	021134	021131T	021132T	021133T	021134T
D (mm)	500	630	710	900	500	630	710	900
H_1 (mm)	765	850	920	990	845	930	1030	1100
H_2 (mm)	-	-	-	-	-	-	-	-
H_3 (mm)	665	750	820	890	665	750	820	890
H_4 (mm)	430	475	510	550	-	-	-	-
H_5 (mm)	300	345	360	400	-	-	-	-
W (mm)	260	260	295	295	-	-	-	-
CONNECTIONS Ø (mm)	1,5"	1,5"	2"	2"	1,5"	1,5"	2"	2"
FLOW (m³/h) (50 m³/h/m²) max	10	16	20	32	10	16	20	32
(40 m³/h/m²)	8	12	16	26	8	12	16	26
(30 m³/h/m²) mini	6	9	12	19	6	9	12	19
SAND (Kg)	125	175	250	450	125	175	250	450
NET WEIGHT (Kg)	12.000	13.350	18.500	-	12.000	13.350	18.500	-

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Injection Plastic Body Pool Filters



Environment friendly

NEW !

2 years Parts WARRANTY

"Seljuk-BL Acryl" High Rate Sand Filter

GEMAS "Seljuk" ACRYL BL is made of high quality PP plastic by injection molding technology and coated with acrylic which provides an eye-catching glossy surface finish. Complete with transparent lid, multiport valve, fittings, pressure gauge and air vent.

2-year warranty.

Test pressure 3,5 kg/cm²,
Maximum working pressure 2.5 kg/cm²,
Maximum filtration rate 50 m³/h/m².

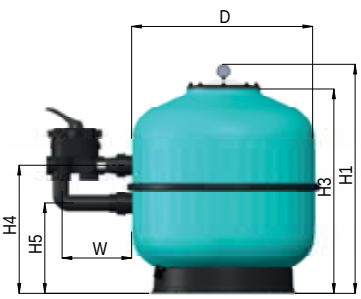
Description	Code	Pieces/ box	Weight Kg	Volume m^3
•Ø500 Acryl BL 1,5" multi. side valve	**021131A**	1	12,000	0,215
•Ø630 Acryl BL 1,5" multi. side valve	**021132A**	1	13,350	0,325
•Ø710 Acryl BL 2" multi. side valve	**021133A**	1	18,500	0,440
•Ø900 Acryl BL 2" multi. side valve	**021134A**	1		
•Ø500 Acryl BL 1,5" multi. top valve	**021131TA**	1	11,514	0,215
•Ø630 Acryl BL 1,5" multi. top valve	**021132TA**	1	13,350	0,325
•Ø710 Acryl BL 2" multi. top valve	**021133TA**	1	18,500	0,440
•Ø900 Acryl BL 2" multi. top valve	**021134TA**	1		

PS: Please add "TL" to the code when ordering with transparent lid option
Please refer to the price list for price differences.

PS: For lid alternatives, please see the "Lid Options" page.



Transparent bolted lid (Patented)







TECHNICAL CHARACTERISTICS

MODEL	021131A	021132A	021133A	021134A	021131TA	021132TA	021133TA	021134TA
D (mm)	500	630	710	900	500	630	710	900
H_1 (mm)	785	870	940	990	845	930	1030	1100
H_2 (mm)	-	-	-	-	-	-	-	-
H_3 (mm)	665	750	820	890	665	750	820	890
H_4 (mm)	430	475	510	550	-	-	-	-
H_5 (mm)	300	345	360	400	-	-	-	-
W (mm)	260	260	295	295	-	-	-	-
CONNECTIONS Ø (mm)	1,5"	1,5"	2"	2"	1,5"	1,5"	2"	2"
FLOW (m^3/h) (50 $m^3/h/m^2$) max	10	16	20	32	10	16	20	32
(40 $m^3/h/m^2$)	8	12	16	26	8	12	16	26
(30 $m^3/h/m^2$) mini	6	9	12	19	6	9	12	19
SAND (Kg)	125	175	250	450	125	175	250	450
NET WEIGHT (Kg)	12.000	13.350	18.500	-	12.000	13.350	18.500	-



Folding collector arms

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Injection Plastic Body Pool Filters

"Injectrone" High Rate Sand Filters

Environment friendly

5 years Parts WARRANTY

GEMAS "INJECTRONE" PLASTIC SAND FILTER.
Made of Injection plastic (PP). The upper and lower parts are joined with a special welding technique. As the bed depth is higher than other filter models, the filtration quality is considerably higher. Sand water discharge openings are available at both front and rear. For different lid options please see "lid options table". Complete with multiport valve, fittings, and pressure gauge.
5-years body warranty. Test pressure 3,5 kg/cm², maximum operation pressure 2,5 kg/cm²,
Maximum filtration rate 50 m³/h/m².



Transparent screwed lid

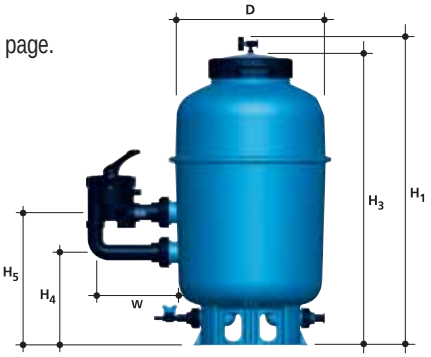
NEW !



Transparent Bolted Wide Lid
Code + TLL

Description	Code	Pieces/ box	Weight Kg	Volume m³
Injectrone SL				
• Ø500 mm 1,5" multiport side valve - 10 m³/h	**0211011S**	1		
• Ø600 mm 1,5" multiport side valve - 14 m³/h	**0211012S**	1		
Injectrone BL				
• Ø500 mm 1,5" multiport side valve - 10 m³/h	**0211011**	1		
• Ø600 mm 1,5" multiport side valve - 14 m³/h	**0211012**	1		

PS: When ordering bolted transparent covers, add "TL" to the code; when ordering bolted transparent wide covers, add "TLL" to the code, when ordering screwed lid, add "S" to the code. Please refer to the price list for price differences.
PS: For lid alternatives, please see the "Lid Options" page.



NEW !

Injectrone BL Lid



Transparent Bolted Lid
Code + TL

NEW !



Broadex wide transparent screw cap
(plastic opening handle) (Ø600 mm Only)
CODE + LLT



Folding collector arms

TECHNICAL CHARACTERISTICS

MODEL	0211011	0211012
D (mm)	500	600
H_1 (mm)	960	1030
H_2 (mm)	-	-
H_3 (mm)	910	980
H_4 (mm)	290	320
H_5 (mm)	415	445
W (mm)	260	260
CONNECTIONS Ø (mm)	1,5"	1,5"
FLOW (m³/h) (50 m³/h/m²) max (40 m³/h/m²) (30 m³/h/m²) mini	10 8 6	14 11 8
SAND (Kg)	125	170
NET WEIGHT (Kg)	8.000	11.000

Not: Teknik tabloda belirtilen ölçüler opak kapak için geçerlidir.
Şeffaf kapak tercih edilmesi durumunda, H¹ ölçüsü 4 cm daha düşük olacaktır.

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Injection Plastic Body Pool Filters

"Fusion SL"&"Fusion BL" High Rate Sand Filters

Environment friendly

GEMAS "FUSION SL" PLASTIC SAND FILTERS.
Made of Injection Plastic (PP). The upper and lower parts are joined with a special welding technique. Easy to open clear threaded lid (2 cm wider than bolted lid). Complete with multiport valve, fittings, and pressure gauge.
2-years body warranty. Test pressure 3.5 kg/cm², maximum operation pressure 2,5 kg/cm², Maximum filtration rate 50 m³/h/m².

2 years Parts WARRANTY



Fusion SL
Transparent
Screwed Lid

NEW !

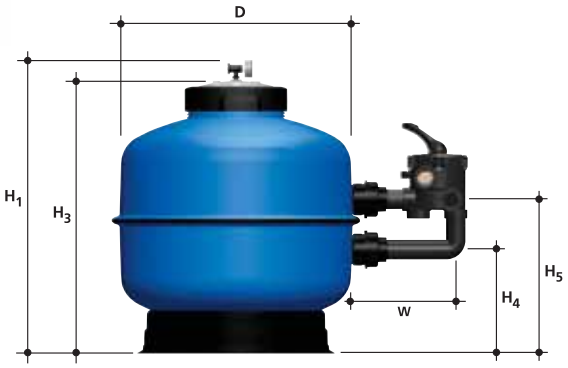


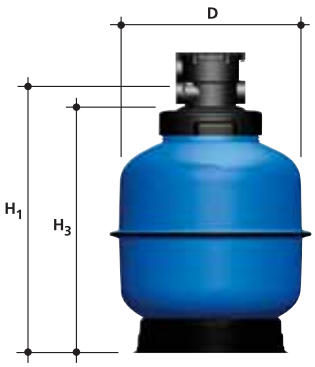
Fusion BL Lid
Transparent Bolted Wide Lid
Code + TLL

Description	Code	Pieces/ box	Weight Kg	Volume m³
Fusion SL				
• Ø 500 mm - 10 m³/h 1,5" Multi. Side Valve	**0211211S**	1	11,700	0,200
• Ø 600 mm - 14 m³/h 1,5" Multi. Side Valve	**0211212S**	1	15,700	0,325
• Ø 500 mm - 10 m³/h 1,5" Top Multi. Valve	**0211211ST**	1	12,000	0,200
• Ø 600 mm - 14 m³/h 1,5" Top Multi. Valve	**0211212ST**	1	16,000	0,325
Fusion BL				
• Ø 500 mm - 10 m³/h 1,5" Multi. Side Valve	**0211211**	1		
• Ø 600 mm - 14 m³/h 1,5" Multi. Side Valve	**0211212**	1		
• Ø 500 mm - 10 m³/h 1,5" Top Multi. Valve	**0211211T**	1		
• Ø 600 mm - 14 m³/h 1,5" Top Multi. Valve	**0211212T**	1		

PS: When ordering bolted transparent covers, add "TL" to the code; when ordering bolted transparent wide covers, add "TLL" to the code. Please refer to the price list for price differences.

PS: For lid alternatives, please see the "Lid Options" page.





NEW !

Fusion BL Lid



Transparent Bolted Lid
Code + TL

NEW !



Broadex wide transparent screw cap (plastic opening handle) (Ø600 mm Only)
CODE + LLT



Folding collector arms

TECHNICAL CHARACTERISTICS

MODEL	0211211S	0211212S	0211211ST	0211212ST
D (mm)	500	600	500	600
H_1 (mm)	715	760	630	660
H_2 (mm)	-	-	-	-
H_3 (mm)	660	705	830	860
H_4 (mm)	260	280	-	-
H_5 (mm)	390	410	-	-
W (mm)	260	260	-	-
CONNECTIONS Ø (mm)	1, 5"	1, 5"	1, 5"	1, 5"
FLOW (m³/h) (50 m³/h/m²) max (40 m³/h/m²) (30 m³/h/m²) mini	10 8 6	14 11 8	10 8 6	14 11 8
SAND (Kg)	75	100	75	100
NET WEIGHT (Kg)	7,000	14,000	7,000	14,000

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Rotational Plastic Body Pool Filters



Environment friendly

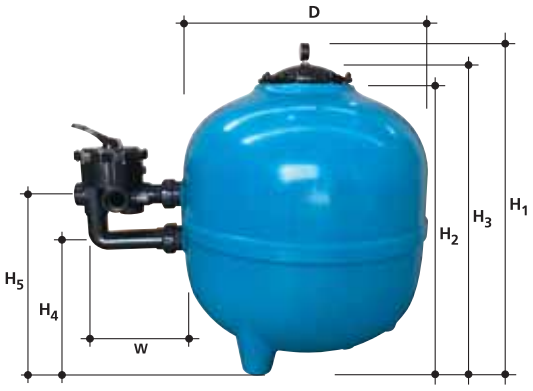
2 years Parts WARRANTY

"Filtrone" High Rate Sand Filters

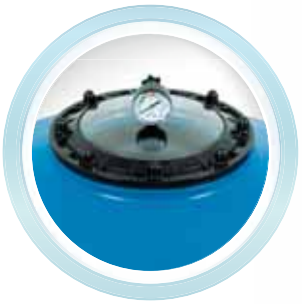
GEMAS "FILTRONE" PLASTIC SAND FILTERS.
Filter shell made of PE Plastic by Rotational Moulding. One-piece body, including pressure gauge, side mounted multiport valve and air purge. Optional Transparent Bolted Lid. Test pressure 3,5 kg/cm². Max. operation pressure 2 kg/cm². Filtration rate: 50 m³/h/m². **2-years body warranty.**

Description	Code	Pieces/ box	Weight Kg	Volume m³
•Ø560 mm - 13 m³/h 1,5" m. valve	**021818**	1	16,500	0,215
•Ø615 mm - 15 m³/h 1,5" m. valve	**021813**	1	19,500	0,325
•Ø760 mm - 23 m³/h 2" m. valve	**021814**	1	26,500	0,440
•Ø830 mm - 27 m³/h 2" m. valve	**021819**	1		
•Ø920 mm - 33 m³/h 2" m. valve	**021815**	1	37,500	0,790
•Ø560 mm - 13 m³/h 1,5" **top** m. valve	**021826**	1	14,500	0,215
•Ø615 mm - 15 m³/h 1,5" **top** m. valve	**021823**	1	19,500	0,325
•Ø760 mm - 23 m³/h 2" **top** m. valve	**021824**	1	24,500	0,440
•Ø830 mm - 27 m³/h 2" **top** m. valve	**021829**	1		
•Ø920 mm - 33 m³/h 2" **top** m. valve	**021825**	1	35,500	0,790

PS: * For filters with diameters of Ø 1000 mm and Ø 1200 mm, see "Filtrone L and Filtrone LLT".
**Please add "TL" to the code when ordering with transparent lid option.
PS: For lid alternatives, please see the "Lid Options" page.







Transparent bolted lid (Optional) (Patented)







Water drainage

TECHNICAL CHARACTERISTICS

MODEL	021818	021813	021814	021819	021815	021826	021823	021824	021829	021825
D (mm)	560	615	760	830	920	560	615	760	830	920
H_1 (mm)	730	805	925	940	1085	800	875	995	1040	1155
H_2 (mm)	610	680	805	820	965	610	680	805	820	965
H_3 (mm)	670	745	885	880	1025	-	-	-	-	-
H_4 (mm)	250	270	315	350	390	-	-	-	-	-
H_5 (mm)	420	400	465	500	540	-	-	-	-	-
W (mm)	260	260	295	295	295	-	-	-	-	-
CONNECTIONS Ø (mm)	1, 5"	1, 5"	2"	2"	2"	1, 5"	1, 5"	2"	2"	2"
FLOW (m³/h) (50 m³/h/m²) max	13	15	23	27	33	13	15	23	27	33
(40 m³/h/m²)	10	12	18	22	26	10	12	18	22	26
(30 m³/h/m²) mini	8	9	14	16	20	8	9	14	16	20
SAND (Kg)	100	150	250	350	450	100	150	250	350	450
NET WEIGHT (Kg)	16,500	19,500	26,500		37,500	14,500	17,500	24,500		35,500

We reserve our right to change all or part of the features of the articles or contents of this document, without prior notice.

Rotational Plastic Body Pool Filters

"Filtrone Acryl" High Rate Sand Filters

NEW !

Environment friendly

2 years Parts WARRANTY



GEMAS "FILTRONE ACRYL" PE PLASTIC SAND FILTERS.
Filter shell made of PE Plastic by Rotational Moulding.
Side mounted multiport valve and air purge.
Test pressure 3,5 kg/cm². Max. operation pressure 2,5 kg/cm².
Filtration rate: 50 m³/h/m³. Optional Transparent Bolted Lid.
2-years body warranty.

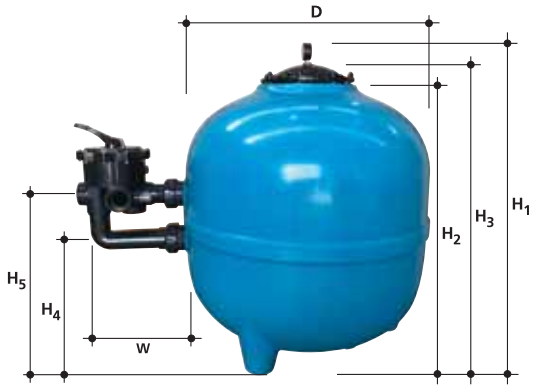


Transparent bolted lid (Optional) (Patented)

Description	Code	Pieces/ box	Weight Kg	Volume m³
•Ø560 mm - 1,5" multiport side valve	**021818A**	1		
•Ø615 mm - 1,5" multiport side valve	**021813A**	1		
•Ø760 mm - 2" multiport side valve	**021814A**	1		
•Ø920 mm - 2" multiport side valve	**021815A**	1		

PS: Please add "TL" to the code when ordering with transparent lid option
Please refer to the price list for price differences.
PS: For cover alternatives, please see the "Cover Options" page.





TECHNICAL CHARACTERISTICS

MODEL	021818A	021813A	021814A	021815A
D (mm)	560	615	760	920
H_1 (mm)	730	805	925	1085
H_2 (mm)	610	680	805	965
H_3 (mm)	670	745	885	1025
H_4 (mm)	250	270	315	390
H_5 (mm)	420	400	465	540
W (mm)	260	260	295	295
CONNECTIONS Ø (mm)	1,5"	1,5"	2"	2"
FLOW (m³/h) (50 m³/h/m²) max	13	15	23	33
(40 m³/h/m²)	10	12	18	26
(30 m³/h/m²) mini	8	9	14	20
SAND (Kg)	100	150	250	450
NET WEIGHT (Kg)	16,500	19,500	26,500	37,500



Side multiport valve

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Rotational Plastic Body Pool Filters

"Filtrone LL" High Rate Sand Filters

Easy Sand Change !

Environment friendly

2 years Parts WARRANTY



GEMAS "FILTRONE LL" PE PLASTIC SAND FILTERS.
Filter shell made of PE Plastic by Rotational Moulding. One-piece body, large lid of (inner diameter Ø 400 mm) width including pressure gauge, side mounted multiport valve and air purge. Test pressure 3,5 kg/cm². Max. operation pressure 2,5 kg/cm². Filtration rate: 50 m³/h/m³. Transparent bolted wide lid or Broadex cap (Optional) **2-years body warranty.**

Description	Code	Pieces/ box	Weight Kg	Volume m^3
•Ø560 mm - Large lid. 1,5" multi. side valve - 15 m³/h	**021818LL**	1		
•Ø615 mm - Large lid. 1,5" multi. side valve - 15 m³/h	**021813LL**	1	23,000	0,325
•Ø760 mm - Large lid.2" multi. side valve - 23 m³/h	**021814LL**	1	30,000	0,440
•Ø920 mm - Large lid. 2" multi. side valve - 33 m³/h	**021815LL**	1	48,000	0,790
•Ø1000 mm - Large lid. without multi. valve 2,5" - 40 m³/h	**021817LL**	1	55,000	0,930
•Ø1200 mm - Large lid. without multi. valve 3" - 57 m³/h	**021816LL**	1	75,000	1,160

PS: Monocon transparent bolted lid, please add +"TLL" and Broadex transparent bolted lid, please add +"LLT" to the code when ordering with transparent lid option. See the price list for price differences.
PS: For lid alternatives, please see the "Lid Options" page.

Optional Lids



Monocon transparent bolted wide lid
CODE + TLL

Lid inner diameter: Ø 400 mm
(Ø615 mm and above)
Lid inner diameter: Ø 300 mm (Ø560 mm)



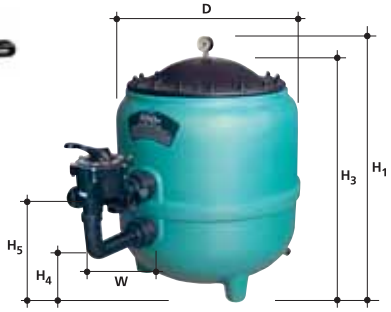
Broadex wide transparent screw cap
(plastic opening handle) (excluding Ø 500 mm)
CODE + LLT
Lid inner diameter: Ø 400 mm
(Ø615 mm Ø615 mm and above)



21816LL

Unique in the Market

LL



LLT



TECHNICAL CHARACTERISTICS

MODEL		021818LL-LLT	021813LL-LLT	021814LL-LLT	021815LL-LLT	021817LL-LLT	021816LL-LLT
D (mm)		560	615	760	920	1000	1200
H_1 (mm)			820	960	1110	1260	1310 -1280
H_2 (mm)			-	-	-	-	-
H_3 (mm)			760	900	1050	1200	1250 -1230
H_4 (mm)			280 - 260	310 - 350	375	480	475 - 455
H_5 (mm)			410	460 - 500	525	730	685 - 745
W (mm)			260	295	295	480	480
CONNECTIONS Ø (mm)		1, 5"	1, 5"	2"	2"	2, 5"	3"
FLOW (m^3/h)	(50 m³/h/m² max	13	15	23	33	40	57
	(40 m³/h/m²	10	12	18	26	32	45
	(30 m³/h/m² mini	8	9	14	20	24	34
SAND (Kg)			125	250	450	700	1300
NET WEIGHT (Kg)			23,000	30,000	48,000	55,000	75,000

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Rotational Plastic Body Pool Filters

"Premium" High Rate Sand Filters

Environment friendly

2 years Parts WARRANTY



GEMAS "PREMIUM" PE PLASTIC SAND FILTERS.
Filter shell made of PE Plastic by Rotational Moulding.
One-piece body, including pressure gauge, side or top mounted multiport valve and air purge. **2-years body warranty.**
Test pressure 3,5 kg/cm². Max. operation pressure 2,5 kg/cm².
Filtration rate: 50 m³/h/m².



Description	Code	Pieces/ box	Weight Kg	Volume m³
Top mounted (clamped) multiport valve				
•Ø400 mm - 7 m³/h	**021921**	1	9,000	0,140
•Ø500 mm - 10 m³/h	**021922**	1	12,000	0,200
•Ø615 mm - 15 m³/h	**021923**	1	16,000	0,325
Side mounted multiport valve Including clamped lid & side connections				
•Ø400 mm - 7 m³/h	**021911**	1	8,700	0,140
•Ø500 mm - 10 m³/h	**021912**	1	11,700	0,200
•Ø615 mm - 15 m³/h	**021913**	1	15,700	0,325



Ergonomic clamped lid







Side multiport valve and Water drainage



Folding collector arms

TECHNICAL CHARACTERISTICS

	Top mounted multiport valve			*Side mounted multiport valve*		
MODEL	*021921*	*021922*	*021923*	*021911*	*021912*	*021913*
D (mm)	*400*	*500*	*615*	*400*	*500*	*615*
H_1 (mm)	*695*	*735*	*855*	*615*	*660*	*775*
H_2 (mm)	*525*	*565*	*685*	-	-	-
H_3 (mm)	-	-	-	*555*	*600*	*715*
H_4 (mm)	-	-	-	*200*	*220*	*280*
H_5 (mm)	-	-	-	*330*	*350*	*410*
W (mm)	-	-	-	*260*	*260*	*260*
W1 (mm)	-	-	-	-	-	-
CONNECTIONS Ø (mm)	*1, 5"*	*1, 5"*	*1, 5"*	*1, 5"*	*1, 5"*	*1, 5"*
FLOW (m³/h) (50 m³/h/m²) max (40 m³/h/m²) (30 m³/h/m²) mini	7 5 4	10 8 6	15 12 9	7 5 4	10 8 6	15 12 9
SAND (Kg)	*80*	*100*	*150*	*80*	*100*	*150*
NET WEIGHT (Kg)	*9,000*	*12,000*	*16,000*	*8,700*	*11,700*	*15,700*

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Rotational Plastic Body Pool Filters



Deep Bed, Single / Multilayer Pool Filters

GEMAS "FILTRONE-HB" PE PLASTIC SAND FILTERS.

Filter Shell made of PE plastic by rotational moulding.
One-piece body, includes pressure gauge,
1,5" side mounted multiport valve and air purge.
Collector with laterals. Test pressure 3,5 kg/cm².
Max. Operation ressure 2,5 kg/m².
All Filtrone Models are resistant against ozone.
Transparent bolted wide lid cap (Optional)

Environment friendly

2 years Parts WARRANTY



40 cm wide opening



Şeffaf Standart Kapak
Kod + TL



Şeffaf Geliş Kapak
Kod + TLL



Opak Geliş Kapak
Kod + LL



Broadex Geniş Şeffaf (Vidalı) Kapak
Kod + LLT

Description	Code	Pieces/ box	Weight Kg	Volume m^3
•Ø 560 mm, 1,5" multiport valve	**021818HB**	1		
•Ø 560 mm, Large Lid,1,5" multiport valve	**021818LHB**	1		
10 m³/h w/single layer - 13 m³/h w/multilayer				
•Ø 615 mm Large Lid, 15 m³/h	**021813LH**	1		
Medium deep - 1,5" multiport side valve				
•Ø 615 mm - 1,5" multiport valve	**021813HB**	1		
•Ø 615 mm - 1,5" multiport valve	**021813LHB**	1		
12 m³/h w/single layer - 15 m³/h w/multilayer				
•Ø 760 mm - 2" multiport valve	**021814HB**	1		
18 m³/h w/single layer - 23 m³/h w/multilayer				
•Ø 760 mm - 2" multiport valve	**021814LHB**	1		
18 m³/h w/single layer - 23 m³/h w/multilayer				
•Ø 920 mm - 2" multiport valve	**021815HB**	1		
26 m³/h w/single layer - 33 m³/h w/multilayer				
•Ø 920 mm - 2" multiport valve	**021815LHB**	1		
26 m³/h w/single layer - 33 m³/h w/multilayer				

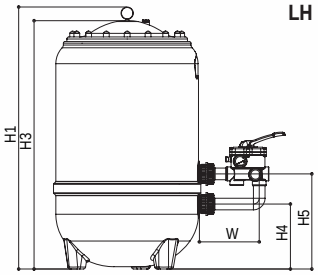
PS: Please add "TLL" to the code when ordering with transparent lid option. See the price list for price differences.

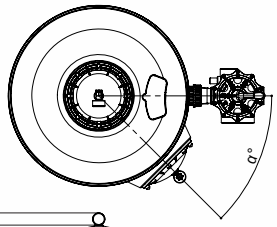
PS: For lid alternatives, please see the "Lid Options" page.

TECHNICAL CHARACTERISTICS

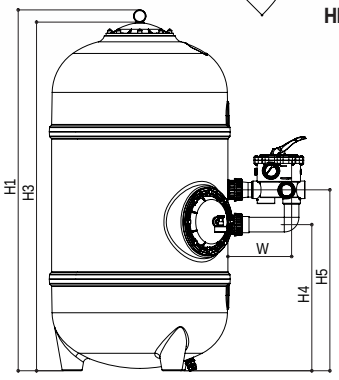
MODEL	021818HB	021818LHB	021813LH	021813HB	021813LHB	021814HB	021814LHB	021815HB	021815LHB
D (mm)	560	560	615	615	615	760	760	920	920
H_1 (mm)	1460	1460	1140	1510	1560	1560	1610	1610	1660
H_3 (mm)	1410	1410	1080	1460	1500	1510	1550	1650	1600
H_4 (mm)	600	600	280	580	580	630	630	650	650
H_5 (mm)	730	730	410	710	710	780	780	800	800
W (mm)	260	260	260	260	260	295	295	295	295
CONNECTIONS (Ø)	1,5"	1,5"	1,5"	1,5"	1,5"	2"	2"	2"	2"
FLOW (m³/h) (50 m³/h/m²)	13	13	15	15	15	23	23	33	33
FLOW (m³/h) (40 m³/h/m²)	10	10	12	12	12	18	18	26	26
FLOW (m³/h) (30 m³/h/m²)	8	8	9	9	9	14	14	20	20
ANTHRACITE 0,8 - 1,6 mm (lt)	70	70	-	100	100	130	130	200	200
QUARTZ SAND 0,5 - 1 mm (Kg)	175	175	-	200	200	300	300	300	300
QUARTZ SAND 1 - 3 mm (Kg)	50	50	-	100	100	130	130	150	150
NET WEIGHT (Kg)			31,000	34,250	37,150				

LH

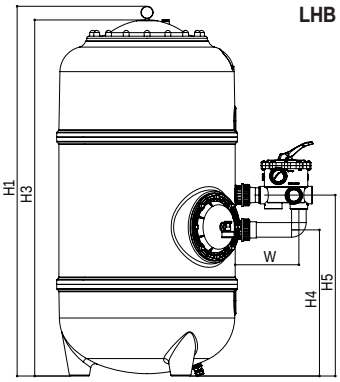




HB



LHB



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Rotational Plastic Body Pool Filters



Deep Bed, Single / Multilayer Pool Filters

GEMAS "FILTRONE HB ACRYL" PE PLASTIC SAND FILTERS

Environment friendly

2 years Parts WARRANTY

Filter Shell made of PE plastic by rotational moulding.
One-piece body, includes pressure gauge,
1,5" side mounted multiport valve and air purge.
Collector with laterals. Test pressure 3,5 kg/cm².
Max. Operation ressure 2,5 kg/m².
All Filtrone Models are resistant against ozone.
Transparent bolted wide lid cap (Optional)



40 cm wide opening



Şeffaf Standart Kapak
Kod + TL



Şeffaf Geliş Kapak
Kod + TLL



Opak Geliş Kapak
Kod + LL



Broadex Geniş Şeffaf (Vidalı) Kapak
Kod + LLT

Description	Code	Pieces/ box	Weight Kg	Volume m^3
•Ø 560 mm, 1,5" Ç.Y. Vana	**021818HBA**	1		
•Ø 560 mm, Large Lid,1,5" multiport valve	**021818LHBA**	1		
10 m³/h w/single layer - 13 m³/h w/multilayer				
•Ø 615 mm Large Lid, 15 m³/h	**021813LHA**	1		
Medium deep - 1,5" multiport side valve				
•Ø 615 mm - 1,5" multiport valve	**021813HBA**	1		
•Ø 615 mm - 1,5" multiport valve	**021813LHBA**	1		
12 m³/h w/single layer - 15 m³/h w/multilayer				
•Ø 760 mm - 2" multiport valve	**021814HBA**	1		
18 m³/h w/single layer - 23 m³/h w/multilayer				
•Ø 760 mm - 2" multiport valve	**021814LHBA**	1		
18 m³/h w/single layer - 23 m³/h w/multilayer				
•Ø 920 mm - 2" multiport valve	**021815HBA**	1		
26 m³/h w/single layer - 33 m³/h w/multilayer				
•Ø 920 mm - 2" multiport valve	**021815LHBA**	1		
26 m³/h w/single layer - 33 m³/h w/multilayer				

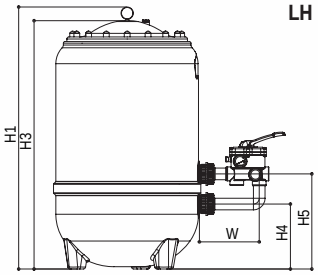
PS: Please add "TLL" to the code when ordering with transparent lid option. See the price list for price differences.

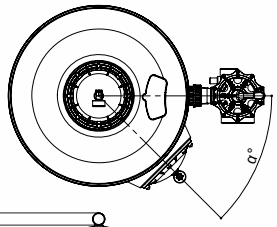
PS: For lid alternatives, please see the "Lid Options" page.

TECHNICAL CHARACTERISTICS

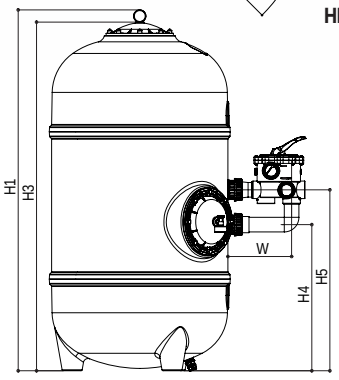
MODEL	021818HBA	021818LHBA	021813LHA	021813HBA	021813LHBA	021814HBA	021814LHBA	021815HBA	021815LHBA
D (mm)	560	560	615	615	615	760	760	920	920
H_1 (mm)	1460	1460	1140	1510	1560	1560	1610	1610	1660
H_3 (mm)	1410	1410	1080	1460	1500	1510	1550	1650	1600
H_4 (mm)	600	600	280	580	580	630	630	650	650
H_5 (mm)	730	730	410	710	710	780	780	800	800
W (mm)	260	260	260	260	260	295	295	295	295
CONNECTIONS (Ø)	1,5"	1,5"	1,5"	1,5"	1,5"	2"	2"	2"	2"
FLOW (m³/h) (50 m³/h/m²)	13	13	15	15	15	23	23	33	33
FLOW (m³/h) (40 m³/h/m²)	10	10	12	12	12	18	18	26	26
FLOW (m³/h) (30 m³/h/m²)	8	8	9	9	9	14	14	20	20
ANTHRACITE 0,8 - 1,6 mm (lt)	70	70	-	100	100	130	130	200	200
QUARTZ SAND 0,5 - 1 mm (Kg)	175	175	-	200	200	300	300	300	300
QUARTZ SAND 1 - 3 mm (Kg)	50	50	-	100	100	130	130	150	150
NET WEIGHT (Kg)									

LH

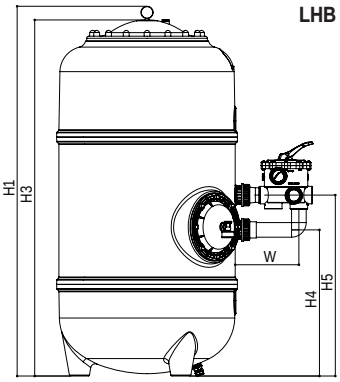




HB



LHB



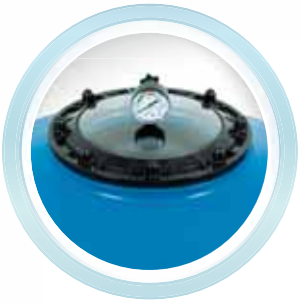
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Composite Body Pool Filters

“Turbidron BL”
Bobbin Wound Sand Filters



GEMAS “TURBIDRON BL” SAND FILTERS.
Filter shell made of ABS plastic and reinforced by fiberglass bobbin winding outside. Size Ø830 mm and above filter plastic shell is made of one piece. ROTOMOLDED PE inner shell and bobbin winding outside. Filter lid is with bolts. Complete with pressure gauge, air purge and side mounted multiport valve. Test pressure 4,0 kg/cm². Max. operation pressure 2,5 kg/cm². Filtration rate: 50 m³/h/m². **2-years body warranty.**



Transparent bolted lid
(Optional) (Patented)

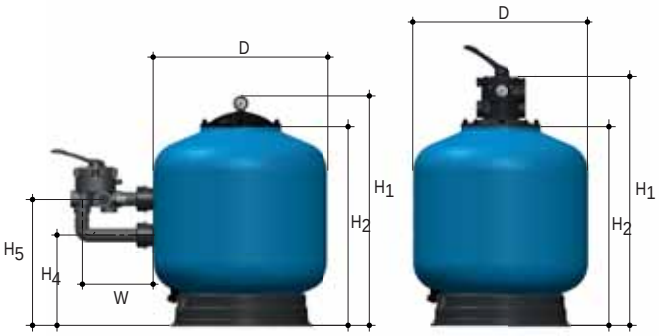
Description	Code	Pieces/ box	Weight Kg	Volume m³
•Ø 500 mm - 10 m³/h 1,5" multiport valve	**021712**	1	17,000	0,215
•Ø 630 mm - 16 m³/h 1,5" multiport valve	**021713**	1	20,000	0,325
•Ø 710 mm - 20 m³/h 2" multiport valve	**021714**	1	32,000	0,440
•Ø 830 mm - 27 m³/h 2" multiport valve	**021715**	1	38,000	0,660
•Ø 900 mm - 32 m³/h 2" multiport valve	**021716**	1	47,000	0.790
•Ø 1000 mm - 40 m³/h 2,5" multiport valve	**021717M**	1	58,000	0,930
•Ø 1000 mm - 40 m³/h 2,5" without m.v	**021717**	1	58,000	0,930

PS: Please add "TL" to the code when ordering with transparent lid option.
PS: For lid alternatives, please see the “Lid Options” page.



•Ø 500 mm - 10 m³/h 1,5" top multiport valve	**021712T**	1	15,000	0,215
•Ø 630 mm - 16 m³/h 1,5" top multiport valve	**021713T**	1	18,000	0,325
•Ø 710 mm - 20 m³/h 2" top multiport valve	**021714T**	1	30,000	0,440
•Ø 830 mm - 27 m³/h 2" top multiport valve	**021715T**	1	36,000	0,660
•Ø 900 mm - 32 m³/h 2" top multiport valve	**021716T**	1	45,000	0.790





TECHNICAL CHARACTERISTICS

MODEL	021712	021713	021714	021715	021716	021717M	021712T	021713T	021714T	021715T	021716T
D (mm)	500	630	710	830	900	1000	500	630	710	830	900
H_1 (mm)	750	830	880	940	990	1050	810	890	980	1030	1080
H_2 (mm)	630	710	770	820	870	930	630	710	770	820	870
H_4 (mm)	300	325	350	350	400	375	-	-	-	-	-
H_5 (mm)	430	455	500	500	550	645	-	-	-	-	-
W (mm)	260	260	295	205	295	370	-	-	-	-	-
CONNECT. Ø (mm)	1,5”	1,5”	2”	2”	2”	2,5”	1,5”	1,5”	2”	2”	2”
FLOW (m³/h) (50 m³/h/m²) max	10	16	20	27	32	40	10	16	20	27	32
(40 m³/h/m²)	8	12	16	22	26	32	8	12	16	22	26
(30 m³/h/m²) mini	6	9	12	16	19	24	6	9	12	16	19
SAND (Kg)	110	175	250	350	450	525	110	175	250	350	450
NET WEIGHT (Kg)	10,200	20,000	32,000	38,000	47,000	58,000	10,000	20,000	30,000	36,000	45,000

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Composite Body Pool Filters



2 years Parts WARRANTY

"Turbidron CL" Bobbin Wound Sand Filters

GEMAS "TURBIDRON CL" MOUNTED SAND FILTERS.
Clamped Lid. Made of PE plastic core, fiberglass bobbin wound. Complete with pressure gauge, 1,5" side mounted multiport valve and air purge. Test pressure 4,0 kg/cm². Max. Operation pressure 2,5 kg/m². Filtration rate 50 m³/h/m². **2-years body warranty.**

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø300 mm -1,5" **side** mounted multiport valve - 4 m³/h	**021310B**	1		
• Ø400 mm -1,5" **side** mounted multiport valve - 7 m³/h	**021311B**	1	7,700	0,145
• Ø500 mm -1,5" **side** mounted multiport valve - 10 m³/h	**021312B**	1	9,200	0,145
• Ø300 mm -1,5" **top** mounted multiport valve - 4 m³/h	**021320B**	1		
• Ø400 mm -1,5" **top** mounted multiport valve - 7 m³/h	**021321B**	1	8,000	0,145
• Ø500 mm -1,5" **top** mounted multiport valve - 10 m³/h	**021322B**	1	9,500	0,145









TECHNICAL CHARACTERISTICS

	Top mounted multiport valve			*Side mounted multiport valve*		
MODEL	*021310B*	*021311B*	*021312B*	*021320B*	*021321B*	*021322B*
D (mm)	300	400	500	300	400	500
H_1 (mm)	590	670	800	735	815	940
H_2 (mm)	500	580	705	500	580	705
H_3 (mm)	530	610	740	-	-	-
H_4 (mm)	215	240	300	-	-	-
H_5 (mm)	355	385	440	-	-	-
W (mm)	260	260	260	-	-	-
CONNECTIONS Ø (mm)	1,5"	1,5"	1,5"	1,5"	1,5"	1,5"
FLOW (m³/h) (50 m³/h/m²) max	4	7	10	4	7	10
(40 m³/h/m²)	3	5	8	3	5	8
(30 m³/h/m²) mini	2	4	6	2	4	6
SAND (Kg)	25	80	100	25	80	100
NET WEIGHT (Kg)	6,700	7,700	10,200	7,000	8,000	10,500



Folding collector arms

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Composite Body Pool Filters

"Turbidron SL" Bobbin Wound Filters

5 years Parts WARRANTY



GEMAS "TURBIDRON-SL" SIDE MOUNTED POOL SAND FILTERS.
Filter shell made of smooth ABS plastic that reduces algae and bacteria adhesion. Complete with Easy opening "threaded lid", large and transparent lid (diameter is 2 cm larger than bolted lid), Complete with pressure gauge and side mounted multiport valve. **OPTIONAL LIGHTING TOUCHPAD BUTTON WITH BATTERY** to observe inside the filter. Maximum Working Pressure 2,5 kg/cm². Test Pressure 4 kg/cm². Filtration Rate 50 m³/h/m². **2-years body warranty.**



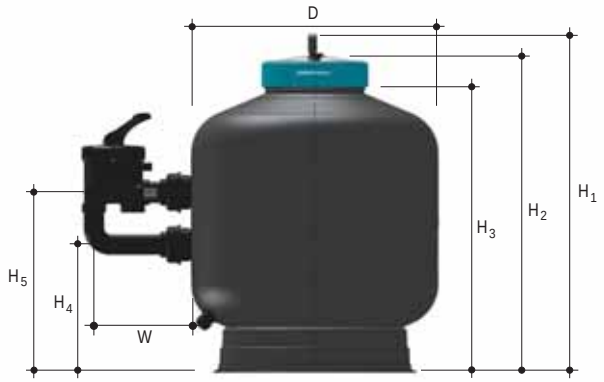
Easy opening "threaded lid"

Description	Code	Pieces/ box	Weight Kg	Volume m^3
•Ø500 mm - 10 m³/h 1,5" m.valve	**021712S**	1	17,000	0,215
•Ø630 mm - 16 m³/h 1,5" m.valve	**021713S**	1	20,000	0,325
•Ø710 mm - 20 m³/h 2" m.valve	**021714S**	1	32,000	0,440
•Ø830 mm - 27 m³/h 2" m.valve	**021715S**	1	38,000	0,660
•Ø900 mm - 32 m³/h 2" m.valve	**021716S**	1	47,000	0.790
•Ø1000 mm - 40 m³/h 2,5" without m.valve.	**021717S**	1	58,000	0,930
•Ø1000 mm - 40 m³/h 2,5" m.valve	**021717SM**	1	58,000	0,930

PS: Additional €30 for lighting. Please add "L" to the code when ordering.



LED lighting transparent lid (Optional)







Side multiport valve and Water drainage

TECHNICAL CHARACTERISTICS

MODEL	021712S	021713S	021714S	021715S	021716S	021717S
D (mm)	500	630	710	830	900	1000
H_1 (mm)	750	865	920	910	1010	1305
H_2 (mm)	690	815	860	870	960	1245
H_3 (mm)	610	730	780	795	875	1185
H_4 (mm)	300	-	350	350	390	500
H_5 (mm)	430	-	500	500	540	830
W (mm)	260	260	295	295	295	-
CONNECTIONS Ø (mm)	1,5"	1,5"	2"	2"	2"	2,5"
FLOW (m³/h) (50 m³/h/m²) max	10	16	20	27	32	40
(40 m³/h/m²)	8	12	16	22	26	32
(30 m³/h/m²) mini	6	9	12	16	19	24
SAND (Kg)	110	175	250	350	450	525
NET WEIGHT (Kg)	17,300	20,300	32,000	38,300	47,300	58,300

We reserve our right to change all or part of the features of the articles or contents of this document, without prior notice.

Composite Body Pool Filters









Couplings compatible with d50
Fitvalf ball valve handle



Side multiport valve

“Filtrex 2025” High Rate Sand Filters

GEMAS “FILTREX 2025” SAND FILTERS.
Filter Shell Made of Smooth ABS plastic laminated with FRP, outer surface is arylic. Monobloc outlook has been produced by an unique technic. Complete with pressure gauge and side mounted multiport valve. Maximum Working Pressure 2,5 kg /cm². Test Pressure 4 kg/cm². Filtration Rate 50 m³/h/m². **Transparent Bolted Lid (optional). 2-year warranty.**



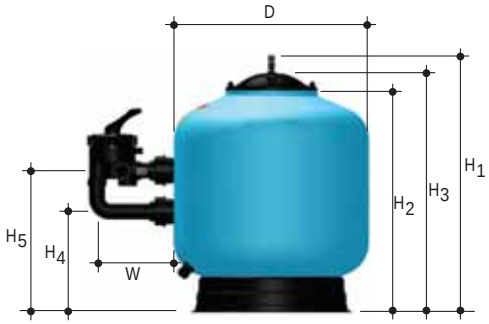
Transparent bolted lid
(Optional) (Patented)



Top valve

Description	Code	Pieces/ box	Weight Kg	Volume m³
•Ø500 mm - 1,5" multiport side valve -10 m³/h	**021610**	1	19,000	0,215
•Ø630 mm - 1,5" multiport side valve -16 m³/h	**021611**	1	23,000	0,325
•Ø710 mm - 2" multiport side valve - 20 m³/h	**021612**	1	35,000	0,440
•Ø900 mm - 2" multiport side valve - 32 m³/h	**021613**	1		
•Ø500 mm - 1,5" multiport top valve -10 m³/h	**021610T**	1	17,000	0,215
•Ø630 mm - 1,5" multiport top valve -16 m³/h	**021611T**	1	21,000	0,325
•Ø710 mm - 2" multiport top valve - 20 m³/h	**021612T**	1	33,000	0,440
•Ø900 mm - 2" multiport top valve - 32 m³/h	**021613T**	1		

PS: For lid alternatives, please see the “Lid Options” page. Please refer to the price list for price differences.





TECHNICAL CHARACTERISTICS

MODEL	021610	021611	021612	021613	021610T	021611T	021612T	021613T
D (mm)	500	630	710	900	500	630	710	900
H_1 (mm)	750	820	890	890	820	890	960	960
H_2 (mm)	640	710	780	780	630	710	770	770
H_3 (mm)	700	760	840	840	-	-	-	-
H_4 (mm)	300	325	340	340	-	-	-	-
H_5 (mm)	430	455	490	490	-	-	-	-
W (mm)	260	260	295	295	260	260	295	295
CONNECTIONS Ø (mm)	1,5"	1,5"	2"	2"	1,5"	1,5"	2"	2"
FLOW (m³/h) (50 m³/h/m²) max	10	16	20	32	10	16	20	32
(40 m³/h/m²)	8	12	16	26	8	12	16	26
(30 m³/h/m²) mini	6	9	12	19	6	9	12	19
SAND (Kg)	100	150	250	250	100	150	250	250
NET WEIGHT (Kg)	19,000	23,000	35,000	35,000	17,000	21,000	33,000	33,000

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Composite Body Pool Filters

"Monocon" Pool Sand Filters



GEMAS "MONOCON" POOL SAND FILTER.
Filter shell made of fiberglass reinforced polyester, complete with multiport valve, fittings, manometer and purge. Max. operation Pressure 2,5 kg/cm². Test pressure: 3.5 kg/cm². 2-years warranty. All models have side valve connection.
Both connections of the filter are on the bottom shell of the filter.
Filtration Rate: 50 m³/h/m². Transparent Bolted Lid (optional).



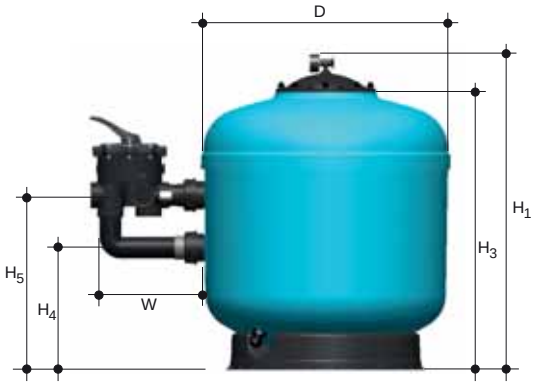
Transparent bolted lid (Optional) (Patented)

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 450 mm - 1,5" Multi. Side Valve	**021140**	1		
• Ø 500 mm - 1,5" Multi. Side Valve	**021141**	1	17,000	0,215
• Ø 630 mm - 1,5" Multi. Side Valve	**021142**	1	22,800	0,325
• Ø 710 mm - 2" Multi. Side Valve	**021143**	1	30,000	0,470
• Ø 830 mm - 2" Multi. Side Valve	**021144**	1	38,600	0,665
• Ø 900 mm - 2" Multi. Side Valve	**021145**	1	46,300	0,905
• Ø 1000 mm - 2,5" Multi. Side without Valve	**021146**	1	63,200	1,021

PS: Please add "TL" to the code when ordering with transparent lid option.
PS: For lid alternatives, please see the "Lid Options" page.



021145





Side multiport valve

TECHNICAL CHARACTERISTICS

MODEL	021140	021141	021142	021143	021144	021145	021146
D (mm)	450	500	630	710	830	900	1000
H_1 (mm)	675	725	770	920	940	1000	1060
H_2 (mm)	-	-	-	-	-	-	-
H_3 (mm)	565	615	660	810	830	890	950
H_4 (mm)	245	245	280	340	380	415	330
H_5 (mm)	375	375	410	490	530	565	575
W (mm)	260	260	260	295	295	295	370
CONNECTIONS Ø(mm)	1,5"	1,5"	1,5"	2"	2"	2"	2,5"
FLOW (m^3/h) (50 m³/h/m² max)	8	10	16	20	27	32	40
(40 m³/h/m²)	6	8	12	16	22	26	32
(30 m³/h/m² mini	5	6	9	12	16	19	24
SAND (Kg)	80	100	150	250	350	450	600
NET WEIGHT (Kg)							

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Composite Body Pool Filters



2 years Parts WARRANTY

CE

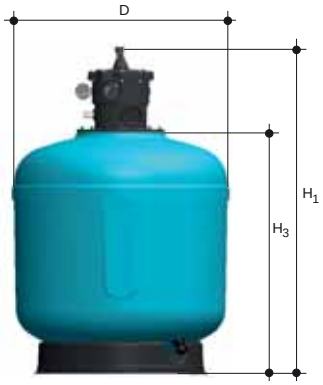
"Monocon" Pool Sand Filters

GEMAS "MONOCON" POOL SAND FILTER.
Filter shell made of fiberglass reinforced polyester, complete with multiport valve, fittings, manometer and purge. Max. operation Pressure 2,5 kg/cm². Test pressure: 3.5 kg/cm². 2-year warranty. All models have top valve connection. Filtration Rate: 50 m³/h/m².

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 450 mm- 1,5" Multi. Top Valve	**021140T**	1		
• Ø 500 mm - 1,5" Multi. Top Valve	**021141T**	1	15,500	0,215
• Ø 630 mm - 1,5" Multi. Top Valve	**021142T**	1	20,000	0,325
• Ø 710 mm - 2" Multi. Top Valve	**021143T**	1		
• Ø 830 mm - 2" Multi. Top Valve	**021144T**	1		
• Ø 900 mm - 2" Multi. Top Valve	**021145T**	1		
• Ø 1000 mm - 2,5" Multi. Top Valve	**021146T**			



Top bolted lid (Optional)





Water drainage

TECHNICAL CHARACTERISTICS

MODEL	021140T	021141T	021142T	021143T	021144T	021145T	021146T
D (mm)	450	500	630	710	830	900	1000
H_1 (mm)	745	795	840	1020	1040	1100	1160
H_2 (mm)	-	-	-	-	-	-	-
H_3 (mm)	565	615	660	810	830	890	950
H_4 (mm)	-	-	-	-	-	-	-
W (mm)	-	-	-	-	-	-	-
CONNECTIONS Ø(mm)	1,5"	1,5"	1,5"	2"	2"	2"	2,5"
FLOW (m³/h) (50 m³/h/m²) max	8	10	16	20	27	32	40
(40 m³/h/m²)	6	8	12	16	22	26	32
(30 m³/h/m²) mini	5	6	9	12	16	19	24
SAND (Kg)	80	100	150	250	350	450	600
NET WEIGHT (Kg)							

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Composite Body Pool Filters

“Monocon EVO” Pool Sand Filters

NEW !

2 yıl Parça GARANTİSİ



GEMAS “MONOCON EVO” POOL SAND FILTER

Laminated onto an inner shell made of ABS plastic. Filter shell made of fiberglass reinforced polyester, complete with multiport valve, fittings, manometer and purge. Max. operation Pressure 2,5 kg/cm². Test pressure: 3.5 kg/cm². 2-years warranty. All models have side valve connection.
Both connections of the filter are on the bottom shell of the filter.
Filtration Rate: 50 m³/h/m². Transparent Bolted Lid (optional).

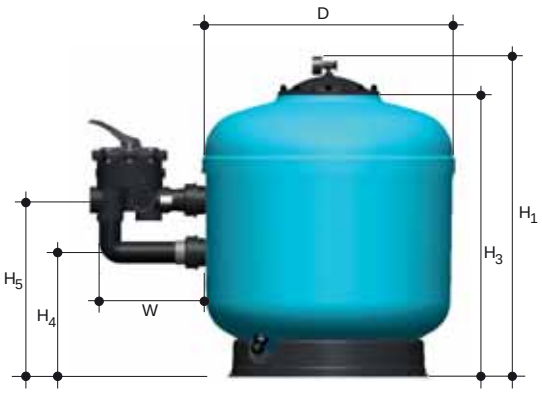


Transparent Bolted Lid (optional)
CODE + TL

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 500 mm - 1,5" Multi. Side Valve	**021141EVO**	1		
• Ø 630 mm - 1,5" Multi. Side Valve	**021142EVO**	1		
• Ø 710 mm - 2" Multi. Side Valve	**021143EVO**	1		
• Ø 830 mm - 2" Multi. Side Valve	**021144EVO**	1		
• Ø 900 mm - 2" Multi. Side Valve	**021145EVO**	1		

PS: Please add "TL" to the code when ordering with transparent lid option.
PS: For lid alternatives, please see the “Lid Options” page.

• Ø 500 mm - 1,5" Multi. Top Valve	**021141TEVO**	1		
• Ø 630 mm - 1,5" Multi. Top Valve	**021142TEVO**	1		
• Ø 710 mm - 2" Multi. Top Valve	**021143TEVO**	1		
• Ø 830 mm - 2" Multi. Top Valve	**021144TEVO**	1		
• Ø 900 mm - 2" Multi. Top Valve	**021145TEVO**	1		





TECHNICAL CHARACTERISTICS

MODEL	021141EVO	021142EVO	021143EVO	021143EVO	021143EVO	021141TEVO	021142TEVO	021143TEVO	021143EVO	021143EVO
D (mm)	500	630	710	830	900	500	630	710	830	900
H_1 (mm)	750	820	890	890	890	820	890	960	890	890
H_2 (mm)	640	710	780	780	780	630	710	770	780	780
H_3 (mm)	700	760	840	840	840	-	-	-	-	-
H_4 (mm)	300	325	340	340	340	-	-	-	-	-
H_5 (mm)	430	455	490	490	490	-	-	-	-	-
W (mm)	260	260	295	295	295	260	260	295	295	295
CONNECTIONS Ø(mm)	1,5"	1,5"	2"	2"	2"	1,5"	1,5"	2"	2"	2"
FLOW (m^3/h) (50 $m^3/h/m^2$) max	10	16	20	27	32	10	16	20	27	32
(40 $m^3/h/m^2$)	8	12	16	22	26	8	12	16	22	26
(30 $m^3/h/m^2$) mini	6	9	12	16	19	6	9	12	16	19
SAND (Kg)	100	150	250	350	450	100	150	250	350	450
NET WEIGHT (Kg)										

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Composite Body Pool Filters

"Monocon TLL" Pool Sand Filters

NEW !

2 years Parts WARRANTY

GEMAS "MONOCON TLL" POOL SAND FILTER
Filter shell made of fiberglass reinforced polyester, complete with multiport valve, fittings, manometer and purge. Max. operation Pressure 2,5 kg/cm². Test pressure: 3.5 kg/cm². 2-years warranty. All models have side valve connection. **Both connections of the filter are on the bottom shell of the filter.**
Filtration Rate: 50 m³/h/m². Transparent large bolted lid.
Lid inner diameter: Ø 360 mm (Ø560 mm); Ø400 mm (Ø630 mm and above)



Monocon transparent bolted wide lid



021142TLL

Description	Code	Pieces/ box
• Ø500 1,5" Multi. Side Valve and Wide Transparent Lid	**021141TLL**	1
• Ø630 1,5" Multi. Side Valve and Wide Transparent Lid	**021142TLL**	1
• Ø710 2" Multi. Side Valve and Wide Transparent Lid	**021143TLL**	1
• Ø830 2" Multi. Side Valve and Wide Transparent Lid	**021144TLL**	1
• Ø900 2" Multi. Side Valve and Wide Transparent Lid	**021145TLL**	1
• Ø1000 2,5" Multi. Side without Valve Wide Transparent Lid	**021146TLL**	1
• Ø1200 3" Multi. Side without Valve Wide Transparent Lid	**021147TLL**	1

PS: When ordering Broadex wide clear screw cap products, add "LLT" to the code; when ordering opaque cap products, add "LL" to the code. Please refer to the price list for price differences.
PS: For lid alternatives, please see the "Lid Options" page.

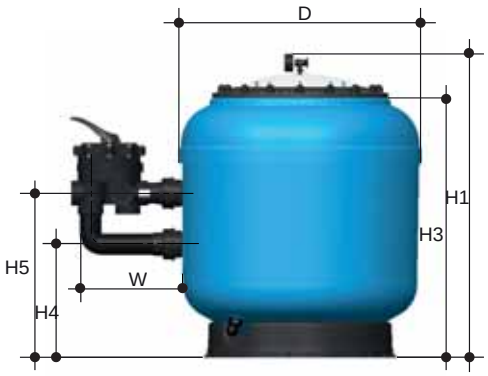
Optional Lids



Monocon opaque lid
CODE + LL



Broadex wide transparent screw cap
(plastic opening handle)
(excluding Ø 500 mm)
CODE + LLT
Lid inner diameter: Ø 380 mm



TECHNICAL CHARACTERISTICS

MODEL	Ø500	Ø630	Ø710	Ø830	Ø900	Ø1000	Ø1200
D (mm)	500	630	710	830	900	1000	1200
H_1 (mm)	775	895	940	960	1020	1080	1230
H_2 (mm)	-	-	-	-	-	-	-
H_3 (mm)	665	765	810	830	890	950	1100
H_4 (mm)	305	310	340	380	415	330	430
H_5 (mm)	435	440	490	530	565	575	680
W (mm)	260	260	295	295	295	370	-
CONNECTIONS Ø(mm)	1,5"	1,5"	2"	2"	2"	2,5"	3"
FLOW (m³/h) (50 m³/h/m²) max	10	16	20	27	32	40	57
(40 m³/h/m²)	8	12	16	22	26	32	45
(30 m³/h/m²) mini	6	9	12	16	19	24	34
SAND (Kg)	100	175	275	375	450	600	950
NET WEIGHT (Kg)							



021146TLL

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Composite Body Pool Filters



Mattress Depth 60 cm

2 years Parts WARRANTY

NEW !

021142UNI



Monocon transparent bolted wide lid

Monocon UNI" Pool Sand Filters

GEMAS "MONOCON TLLH" POOL SAND FILTER
Filter shell made of fiberglass reinforced polyester, complete with multiport valve, fittings, manometer and purge. Max. operation Pressure 2,5 kg/cm². Test pressure: 3.5 kg/cm². 2-years warranty. All models have side valve connection. **Both connections of the filter are on the bottom shell of the filter.** Filtration Rate: 50 m³/h/m². Transparent large bolted lid. **Lid inner diameter: Ø 360 mm (Ø560 mm); Ø400 mm (Ø630 mm and above)**

Description	Code	Pieces/ box
• Ø500 1,5" Multi. Side Valve and Wide Transparent Lid	**021141UNI**	1
• Ø630 1,5" Multi. Side Valve and Wide Transparent Lid	**021142UNI**	1
• Ø710 2" Multi. Side Valve and Wide Transparent Lid	**021143UNI**	1
• Ø830 2" Multi. Side Valve and Wide Transparent Lid	**021144UNI**	1
• Ø900 2" Multi. Side Valve and Wide Transparent Lid	**021145UNI**	1
• Ø1000 2,5" Multi. Side without Valve Wide Transparent Lid	**021146UNI**	1

PS: When ordering Broadex wide clear screw cap products, add "LLT" to the code; when ordering opaque cap products, add "L" to the code. Please refer to the price list for price differences.

PS: For lid alternatives, please see the "Lid Options" page.

Optional Lids



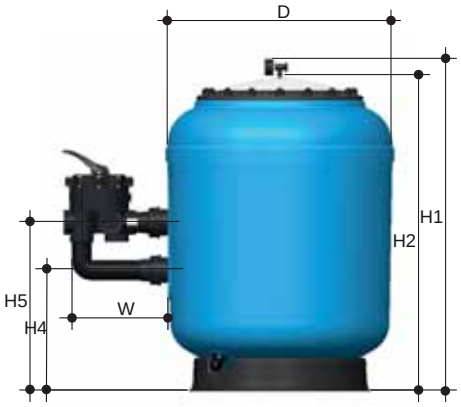
Monocon opaque lid
CODE + L



Broadex wide transparent screw cap
(plastic opening handle)
(excluding Ø 500 mm)
CODE + LLT



Optional Menhol
Opaque Code + M
Transparent Code + MT



TECHNICAL CHARACTERISTICS

MODEL	Ø500	Ø630	Ø710	Ø830	Ø900	Ø1000
D (mm)	500	630	710	830	900	1000
H_1 (mm)	1170	1200	1230	1270	1300	1330
H_2 (mm)	1120	1150	1180	1220	1250	1280
H_3 (mm)	-	-	-	-	-	-
H_4 (mm)	450	450	470	470	500	500
H_5 (mm)	580	580	620	620	650	650
W (mm)	260	260	295	295	295	370
CONNECTIONS Ø(mm)	1,5"	1,5"	2"	2"	2"	2,5"
FLOW (m³/h) (50 m³/h/m²) max	10	16	20	27	32	40
(40 m³/h/m²)	8	12	26	22	26	32
(30 m³/h/m²) mini	6	9	12	16	19	24
SAND (Kg)	200	300	400	550	675	800
NET WEIGHT (Kg)						

We reserve our right to change all or part of the features of the articles or contents of this document, without prior notice.

Composite Body Pool Filters

High Bed, Single or Multi-Layer Sand Filters

2 years Parts WARRANTY

GEMAS MONOCON HB SAND FILTERS.

Filter shell made of fiberglass reinforced laminated polyester, including pressure gauge, air purge and multiport valve. Collector with laterals. Bed depth 0,8 m. Test pressure 3.5 kg/cm². Max. operation pressure 2,5 kg/cm². **Please ask price for 4,0 and 6,0 kg/cm² operation pressures. Sight Glass and Transparent Bolted Lid is optional.**

Description	Code	Pieces/ box	Weight Kg	Volume m³
• Ø500 mm - 1,5" multiport valve -	**021141HB**	1	30,000	0,403
8 m³/h **w/single layer**				
10 m³/h **w/multilayer**				
• Ø630 mm - 1,5" multiport valve -	**021142HB**	1	35,200	0,584
12 m³/h **w/single layer**				
16 m³/h **w/multilayer**				
• Ø710 mm - 2" multiport valve -	**021143HB**	1	55,000	0,852
16 m³/h **w/single layer**				
21 m³/h **w/multilayer**				
• Ø830 mm - 2" multiport valve -	**021144HB**	1	71,000	1,230
20 m³/h **w/single layer**				
25 m³/h **w/multilayer**				
• Ø900 mm - 2" multiport valve -	**021145HB**	1	78,500	1,420
26 m³/h **w/single layer**				
32 m³/h **w/multilayer**				
• Ø1000 mm - w/out multiport valve -	**021146HB**	1	125,000	
32 m³/h **w/single layer**				
39 m³/h **w/multilayer**				

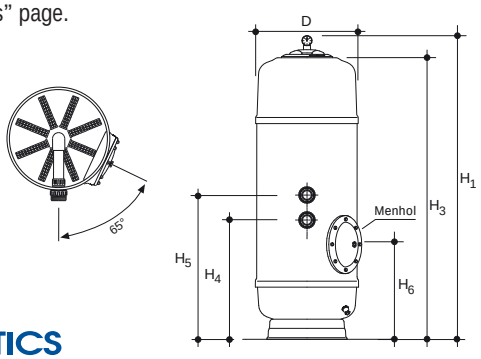


PS: *Ozone resistant filters are quoted upon request.
**Transparent Bolted Lid (optional), Please add "TL" to the code when ordering.
***If a bed depth of 1 meter is required, Please refer to the price list for price differences.

PS: For lid alternatives, please see the "Lid Options" page.



Transparent bolted lid (Optional) (Patented)



TECHNICAL CHARACTERISTICS

MODEL	021141HB	021142HB	021143HB	021144HB	021145HB	021146HB
D (mm)	500	630	710	830	900	1000
H_1 (mm)	1610	1510	1690	1780	1765	1860
H_2 (mm)	-	-	-	-	-	-
H_3 (mm)	1490	1410	1530	1600	1650	1700
H_4 (mm)	605	590	690	605	700	495
H_5 (mm)	735	720	840	755	850	1335
H_6 (mm)	580	630	650	330	715	970
CONNECTIONS (Ø)	1,5"	1,5"	2"	2"	2"	3"
FLOW (m³/h) (50 m³/h/m²) max	10	16	21	25	32	39
(40 m³/h/m²)	8	12	16	20	26	32
(30 m³/h/m²) mini	6	9	12	15	19	28
ANTHRACITE 0,8 - 1,6 mm (lt)	150, 000	200, 000	250, 000	320, 000	470, 000	475, 000
QUARTZ SAND 0,5 - 1 mm (Kg)	150, 000	200, 000	250, 000	320, 000	470, 000	475, 000
QUARTZ SAND 1 - 3 mm (Kg)	100, 000	150, 000	215, 000	270, 000	420, 000	425, 000
NET WEIGHT (Kg)	30, 000	35, 200	55, 000	71, 000	78, 500	125,000





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Composite Body Pool Filters



2 years Parts WARRANTY

“Monocon” Filtration Units

GEMAS “MONOCON” FILTRATION UNIT.
Fiberglass reinforced polyester filter assembled on a plastic base and installed with a pool pump.
1,5" multiport valve **Top Mounted.** Interconnection piping between the pump and the filter are both included.



Top bolted lid
(Optional)

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø450 mm with Fiberglass Reinforced Polyester Filter, Pump 0,5 HP, Mono	**021111TFU**	1	34,050	0,440
• Ø500 mm with Fiberglass Reinforced Polyester Filter, Pump 0,5 HP, Mono	**021112TFU**	1	36,950	0,460
• Ø630 mm with Fiberglass Reinforced Polyester Filter, Pump 1,0 HP, Mono	**021113TFU**	1	39,850	0,808





TECHNICAL CHARACTERISTICS

MODEL	021111TFU	021112TFU	021113TFU
D (mm)	450	500	630
H_1 (mm)	585	610	685
H_2 (mm)	765	790	865
H_3 (mm)	-	-	-
H_4 (mm)	-	-	-
H_5 (mm)	-	-	-
W (mm)	-	-	-
W1 (mm)	675	775	925
CONNECTIONS Ø (mm)	1,5"	1,5"	1,5"
FLOW (m^3/h) (50 $m^3/h/m^2$) max (40 $m^3/h/m^2$) (30 $m^3/h/m^2$) mini	8 6 5	10 8 6	16 12 9
SAND (Kg)	80	100	150
NET WEIGHT (Kg)	16,000	18,000	23,000



Folding collector arms

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Plastic Body Filtration Units

"Premium" Filtration Units

2 years Parts WARRANTY

Environment friendly



GEMAS "PREMIUM" FILTRATION UNIT.
Sand filter made of plastic with rotational technique, with a **top-mounted six-way valve,** which is prepared to be combined with a thermoplastic pool pump on a stand. Interconnection piping between the pump and the filter are both included.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø400 mm with Plastic Sand Filter, Pump 0,33 HP, Mono - Micro	**021921FU**	1	25,000	0,150
• Ø500 mm with Plastic Sand Filter, Pump 0,5 HP, Mono - Micro	**021922FU**	1	30,000	0,190
• Ø615 mm with Plastic Sand Filter, Pump 0,75 HP, Mono - Mini	**021923FU**	1	38,000	0,190



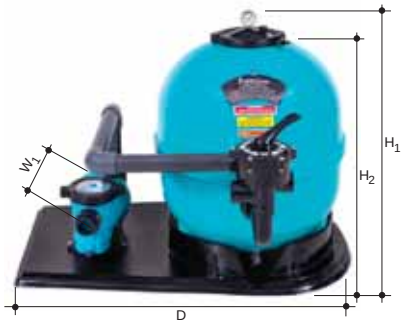
GEMAS "PREMIUM" FILTRATION UNIT. Sand filter made of plastic with rotational technique, with a **side-mounted six-way valve,** which is prepared to be combined with a thermoplastic pool pump on a stand. Interconnection piping between the pump and the filter are both included.

2 years Parts WARRANTY



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø400 mm with Plastic Sand Filter, Pump 0,33 HP, Mono - Micro	**021911FU**	1	24,000	0,150
• Ø500 mm with Plastic Sand Filter, Pump 0,5 HP, Mono - Micro	**021912FU**	1	29,000	0,190
• Ø615 mm with Plastic Sand Filter, Pump 0,75 HP, Mono - Mini	**021913FU**	1	36,000	0,190







Folding collector arms

TECHNICAL CHARACTERISTICS

	Premium top mounted multiport valve			Premium side mounted multiport valve		
MODEL	021921FU	021922FU	021923FU	021911FU	021912FU	021913FU
D (mm)	1120	1120	1120	1120	1120	1120
H_1 (mm)	290	330	344	280	320	334
H_2 (mm)	220	260	274	220	260	274
W1 (mm)	444	444	500	444	444	500
CONNECTIONS Ø (mm)	1,5"	1,5"	1,5"	1,5"	1,5"	1,5"
FLOW (m^3/h) (50 $m^3/h/m^2$) max	7	10	15	7	10	15
(40 $m^3/h/m^2$)	5	8	12	5	8	12
(30 $m^3/h/m^2$) mini	4	6	9	4	6	9
SAND (Kg)	75	100	150	75	100	150
NET WEIGHT (Kg)	25,000	30,000	38,000	24,000	29,000	36,000

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Pool Filters

Palletized Filtration System

Completely Installed on 100 x 120 cm pallet. 3 suctions, 1 return and 1 back wash line (d63 mm). Salt Chlorinator, Electric Panel, and transformers are optional. Extra bypass connection available for auxillary unit installation such as chlorinator, heater, heat pump etc.



2 years Parts WARRANTY



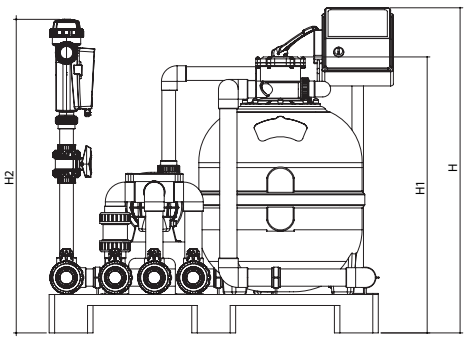
Description	Code
• Ø500 mm Top Filter - 0,75 HP Mini Mono Pump	02526
• Ø615 mm Top Filter - 1 HP Mini Mono Pump	02527
• Ø760 mm Top Filter - 1,5 HP Pump	02528
• Ø500 mm Top Filter - 0,75 HP Mini Mono Pump - with Salt Chlorinator, Electric Panel	02536
• Ø615 mm Top Filter - 1 HP Mini Mono Pump - with Salt Chlorinator, Electric Panel	02537
• Ø760 mm Top Filter - 1,5 HP Pump - with Salt Chlorinator, Electric Panel	02538

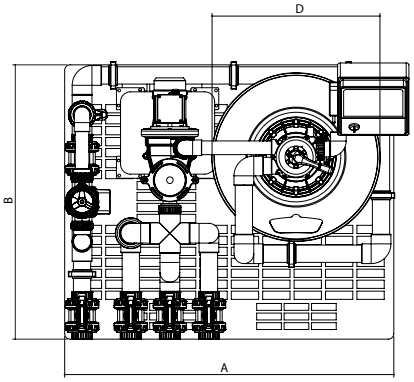


Salt chlorinator (optional)



Electric panel (optional)





TECHNICAL CHARACTERISTICS

MODEL	A	B	D	H	H¹	H²
D.500 Premium Filter - 0,75 HP Mini Streamer Pump	1200	1000	500	1100	855	1100
D.615 Premium Filter - 1 HP Mini Streamer Pump	1200	1000	615	1200	975	1100
D.760 Filtrone Filter - 1.5 HP Mini Streamer Pump	1200	1000	760	1300	1195	1100

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Composite Body Pool Filters

Cartridge Filters

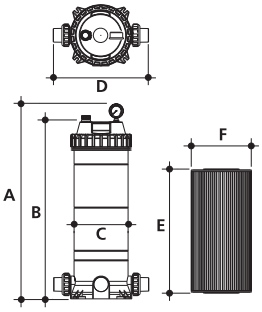
GEMAS CARTRIDGE FILTER. Body made in ABS plastic. Complete with manometer and air purge connections 1,5" BSP threaded. Max. operation pressure: 2.5 Bar.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• AF25 Cartridge Filter - 5,5 m^3/h	**02411**	1	**5,000**	**0,040**
• AF50 Cartridge Filter - 11,4 m^3/h	**02413**	1	**5,500**	**0,050**
• AF75 Cartridge Filter - 17,0 m^3/h	**02414**	1	**6,500**	**0,060**
• AF100 Cartridge Filter - 22,9 m^3/h	**02415**	1	**7,500**	**0,070**
• AF150 Cartridge Filter - 33,4 m^3/h	**02416**	1		
• AF200 Cartridge Filter - 40,9 m^3/h	**02417**	1		



MODEL	DIA (mm)	HEIGHT (mm)	CONNECTIONS (Inlet-Outlet)	OPER.PRESSURE (kg/cm^2)	FLOW (m^3/h)	FILTRATION CAP. (μ)
AF25	445	387	1/2"	2,5	5,5	≥15
AF50	625	567	1/2"	2,5	11,4	≥15
AF75	805	747	1/2"	2,5	17,0	≥15
AF100	985	927	2"	2,5	22,9	≥15
AF150	1165	1107	2"	2,5	33,4	≥15
AF200	1345	1287	2"	2,5	40,9	≥15



MODEL	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	FILTRATION AREA (m^2)
AF25	445	387	225	397	178	185	2,25
AF50	625	567	225	397	358	185	4,63
AF75	805	747	225	397	537	185	7,00
AF100	985	927	225	397	717	185	9,38
AF150	1165	1107	225	397	896	185	13,72
AF200	1345	1287	225	397	538x2pcs	185	16,82

GEMAS REPLACEMENT CARTRIDGE



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• AF25-CE Cartridge	**0241101**	1		
• AF50-CE Cartridge	**0241301**	1		
• AF75-CE Cartridge	**0241401**	1		
• AF100-CE Cartridge	**0241501**	1		
• AF150-CE Cartridge	**0241601**	1		
• AF200-CE Cartridge	**0241701**	1		

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Pool Filters

“Turbidron” Bobbin Wound Filters

ADDITIONAL OPTIONS FOR GEMAS “TURBIDRON” BOBBIN WOUND SAND FILTERS



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Round Manhole (2,5 bar) Ø400 mm	**0217172**	1		
• Ditto, Transparent Lid	**0217172T**	1		
• Round Manhole (4 bar) Ø400 mm	**0217182**	1		
• Transparent Lid (Price difference w/ opaque)	**0217119**			
• Sight Glass Ø90 mm	**0217192**	1		
• Sight Glass Ø125 mm	**0217202**	1		
• Sight Glass Ø200 mm	**0217212**	1		
• Automatic Air Purge 1"	**0217222**	1		
• Automatic Air Purge 2"	**0217232**	1		
• Double Manometer Set	**0217242**	1		
• Double Manometer Set W/Sampling V.	**0217252**	1		
• Ozone Protection (Vinylester coating)				
• Sand Bed Depth = 1,5 m (Price difference w/1,2 m depth)				

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Composite Body Pool Filters

"Turbidron" Bobbin Wound Filters

Mattress Depth 1.0 m



GEMAS "TURBIDRON" SAND FILTERS.
Up to size Ø1800, filter shell made of single piece Roto MOLDED PE. Larger sizes shell made of FR Polyester shell reinforced by fiberglass bobbin winding outside. Complete with pressure gauge, air release valve of 0,5". Test pressure 4,0 kg/cm². Max. operation pressure 2,5 kg/cm². Filtration rate: 50 m³/h/m².
Excluding multi-way valve.
***Please ask price for 4,0 and 6,0 kg/cm² operation pressures.**

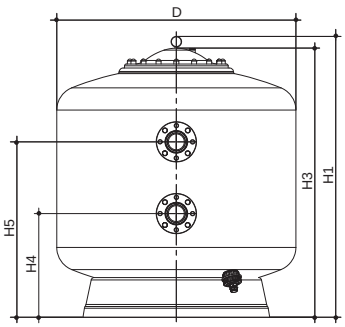
2 years Parts WARRANTY

Description	Code (PE Shell)	Code (FRP Shell)	Pieces/ box	Weight Kg	Volume m^3
• Ø1200 mm - 75 mm unions	**021717E**	**021717EP**	1	95,000	
• Ø1200 mm	**021725**	**021725P**	1	110 ,000	
• Ø1400 mm	**021718**	**021718P**	1	180,000	
• Ø1600 mm	**021719**	**021719P**	1	240,000	
• Ø1800 mm	**021720**	**021720P**	1	275,000	
• Ø2000 mm	**021721**	**021721P**	1	300,000	
• Ø2200 mm	**021722**	**021722P**	1	425,000	
• Ø2350 mm	**021727**	**021727P**	1		
• Ø2400 mm	**021723**	**021723P**	1	535,000	
• Ø2500 mm	**-**	**021724P**	1		
• Ø3000 mm	**-**	**021726P**	1		



021725

PS: Filtration rate for public pools should not exceed 40 m³/h/m².





021721

TECHNICAL CHARACTERISTICS

MODEL	021717E	021725	021718	021719	021720	021721	021722	021727	021723	021724	021726
D (mm)	1200	1200	1400	1600	1800	2000	2200	2350	2400	2500	3000
H_1 (mm)	1410	1410	1560	1860	1890	2000	2160	2300	2300	2450	2770
H_2 (mm)	-	-	-	-	-	-	-	-	-	-	-
H_3 (mm)	1350	1350	1500	1800	1830	1940	2100	2240	2240	2390	2710
H_4 (mm)	520	520	600	640	670	740	800	850	850	900	
H_5 (mm)	880	880	1000	1200	1170	1240	1300	1450	1450	1550	
CONNECTIONS Ø (mm)	90	90	110	125	140	160	200	200	200	200	200
FLOW (m³/h) (50 m³/h/m²) max	57	57	77	101	127	157	190	217	226	246	354
(40 m³/h/m²)	45	45	62	80	102	126	152	174	181	196	283
(30 m³/h/m²) mini	34	34	46	60	76	94	114	130	136	147	212
SAND (Kg)	1075	1075	1600	2525	3400	4325	5925	7200	7600	8150	12000
NET WEIGHT (Kg)	95,000	110,000	180,000	240,000	275,000	300,000	425,000	500,000	535,000		

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Turbidron Commercial Sand Filters Design Options

	DESCRIPTION	Bed Depth 1.0 m Lateral Distribution	Bed Depth 1.20 m	Nozzle plate distribution system	Circular Manhole 2,5 Bar Ø400 mm	Circular Manhole 2,5 Bar Ø500 mm	Circular Manhole 2,5 Bar Ø600 mm	Sight Glass 2,5 Bar Ø90 mm	Sight Glass 2,5 Bar Ø125 mm	Sight Glass 2,5 Bar Ø200 mm	Sight Glass 2,5 Bar Ø250 mm	Automatic Air Purge 1"	Automatic Air Purge 2"	Double Manometer Set	Ozon Protection
X	Operation Pressure Max. 2,5 kg/cm² Test Pressure 4 kg/cm² Filtration Speed 40 m³/H/m²	A	B	C	D	N	E	F	G	H	I	J	K	L	M
1	Filter Ø1200 mm - 45 m ³/h	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.
2	Filter Ø1400 mm - 62 m ³/h	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.
3	Filter Ø1600 mm - 80 m ³/h	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.
4	Filter Ø1800 mm - 102 m ³/h	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.
5	Filter Ø2000 mm - 126 m ³/h	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.
6	Filter Ø2200 mm - 152 m ³/h	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.
7	Filter Ø2350 mm - 174 m ³/h	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.
8	Filter Ø2500 mm - 196 m ³/h	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.
9	Filter Ø3000 mm - 283 m ³/h	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.

	DESCRIPTION	Bed Depth 1.0 m Lateral Distribution	Bed Depth 1.20 m	Nozzle plate distribution system	Circular Manhole 4 Bar Ø400 mm	Circular Manhole 4 Bar Ø500 mm	Circular Manhole 4 Bar Ø600 mm	Sight Glass 4 Bar Ø90 mm	Sight Glass 4 Bar Ø125 mm	Sight Glass 4 Bar Ø200 mm	Sight Glass 4 Bar Ø250 mm	Automatic Air Purge 1"	Automatic Air Purge 2"	Double Manometer Set	Ozon Protection
Y	Operation Pressure Max. 4 kg/cm² Test Pressure 6 kg/cm² Filtration Speed 40 m³/H/m²	A	B	C	D	N	E	F	G	H	I	J	K	L	M
1	Filter Ø1200 mm - 45 m ³/h	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.
2	Filter Ø1400 mm - 62 m ³/h	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.
3	Filter Ø1600 mm - 80 m ³/h	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.
4	Filter Ø1800 mm - 102 m ³/h	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.
5	Filter Ø2000 mm - 126 m ³/h	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.
6	Filter Ø2200 mm - 152 m ³/h	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.
7	Filter Ø2350 mm - 174 m ³/h	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.
8	Filter Ø2500 mm - 196 m ³/h	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.
9	Filter Ø3000 mm - 283 m ³/h	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.	P.A.P.

NOTE: Please generate the product code number as per filter option configuration. (i.e X1B for d1200 Sand filter, 2,5 bar working pressure , 1,20 Sand Depth)

Composite Body Pool Filters

“Turbidron - Norm Plus” Deep - Bed Sand Filter

GEMAS “TURBIDRON-NORM PLUS” SAND FILTERS
(According to DIN 19605 and 19643).
Filter inner shell made of PE. Distribution system ”**Nozzle Plate**” with mushroom nozzle made of GRP. Complete with pressure gauge and 1.5" air release valve. **Sand bed depth is 1.20 m.**
Test pressure: 4 kg/cm². Maximum working pressure: 2.5 kg/cm².
Filtration rate: Max. 50 m³/h/m². **Excluding multi-way valve.**
Please inquire about prices for 4.0 and 6.0 kg/cm² working pressures.

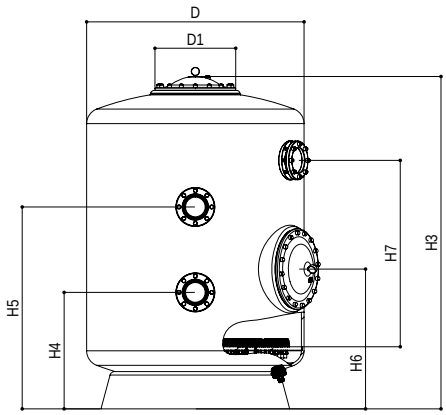
PE Shell

2 years Parts WARRANTY



Description	Code (PE Shell)	Pieces/ box	Weight Kg	Volume m³
• Ø 630 mm - 16 m³/h	**021509**	1		
• Ø 710 mm - 20 m³/h	**021510**	1		
• Ø 830 mm - 27 m³/h	**021511**	1		
• Ø 1000 mm - 40 m³/h	**021513**	1		
• Ø 1200 mm - 57 m³/h	**021514**	1		
• Ø 1400 mm - 77 m³/h	**021515**	1		
• Ø 1600 mm - 101 m³/h	**021516**	1		
• Ø 1800 mm - 127 m³/h	**021517**	1		
• Ø 2000 mm - 157 m³/h	**021518**	1		
• Ø 2200 mm - 190 m³/h	**021519**	1		
• Ø 2400 mm - 226 m³/h	**021520**	1		

PS: Filtration rate for public pools should not exceed 40 m³/h/m².

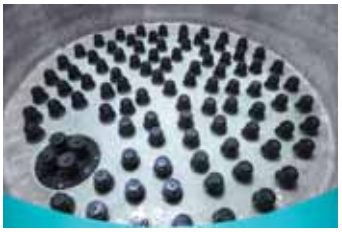




Opaque or Transparent Side manhole



FR polyester or PVC connection



Nozzle distribution system

TECHNICAL CHARACTERISTICS

MODEL	021509	021510	021511	021513	021514	021515	021516	021517	021518	021519	021520
D (mm)	630	710	830	1000	1200	1400	1600	1800	2000	2200	2400
D_1 (mm)	420	420	525	525	525	525	525	525	525	525	525
H_3 (mm)	1760	1760	1900	2050	2100	2150	2300	2500	2550	2520	2600
H_4 (mm)	500	500	550	750	750	750	850	900	900	950	950
H_5 (mm)	1350	1350	1450	1450	1500	1520	1550	1600	1600	1700	1800
H_6 (mm)	750	750	750	750	850	1000	950	950	1000	1000	1000
H_7 (mm)	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200
CONNECTIONS Ø (mm)	50	63	63	75	75	90	110	110	125	140	160
FLOW (m³/h) (50 m³/h/m²) max	16	20	27	40	57	77	101	127	157	190	226
(40 m³/h/m²)	12	16	22	32	45	62	80	102	126	152	181
(30 m³/h/m²) mini	9	12	16	24	34	46	60	76	94	114	136
SAND (Kg)	524	665	909	1300	1900	2600	3400	4400	5300	6600	8000

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Composite Body Pool Filters

“Turbidron - Norm Plus” Deep - Bed Sand Filter



GEMAS “TURBIDRON-NORM PLUS” SAND FILTERS
(According to DIN 19605 and 19643).
Filter inner shell made of PE. Distribution system ”**Nozzle Plate**” with mushroom nozzle made of GRP. Complete with pressure gauge and 1.5" air release valve. **Sand bed depth is 1.20 m.**
Test pressure: 4 kg/cm². Maximum working pressure: 2.5 kg/cm².
Filtration rate: Max. 50 m³/h/m². **Excluding multi-way valve.**
Please inquire about prices for 4.0 and 6.0 kg/cm² working pressures.

FRP Shell

2 years Parts WARRANTY

Description	Code (FRP Shell)	Pieces/ box	Weight Kg	Volume m³
• Ø 630 mm - 16 m³/h	**021509P**	1		
• Ø 710 mm - 20 m³/h	**021510P**	1		
• Ø 830 mm - 27 m³/h	**021511P**	1		
• Ø 1000 mm - 40 m³/h	**021513P**	1		
• Ø 1200 mm - 57 m³/h	**021514P**	1		
• Ø 1400 mm - 77 m³/h	**021515P**	1		
• Ø 1600 mm - 101 m³/h	**021516P**	1		
• Ø 1800 mm - 127 m³/h	**021517P**	1		
• Ø 2000 mm - 157 m³/h	**021518P**	1		
• Ø 2200 mm - 190 m³/h	**021519P**	1		
• Ø 2400 mm - 226 m³/h	**021520P**	1		

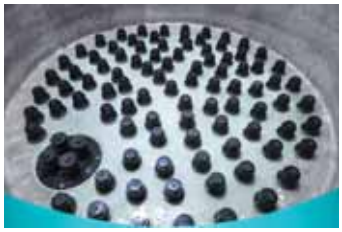
PS: Filtration rate for public pools should not exceed 40 m³/h/m².



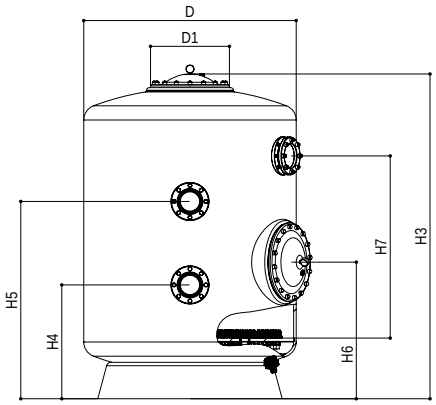
Opaque or Transparent Side manhole



FR polyester or PVC connection



Nozzle distribution system



TECHNICAL CHARACTERISTICS

MODEL	021509P	021510P	021511P	021513P	021514P	021515P	021516P	021517P	021518P	021519P	021520P
D (mm)	630	710	830	1000	1200	1400	1600	1800	2000	2200	2400
D_1 (mm)	420	420	525	-	-	-	-	-	-	-	-
H_3 (mm)	1760	1760	1900	2100	2180	2360	2420	2530	2580	2580	2580
H_4 (mm)	500	500	550	750	750	820	850	900	950	950	1000
H_5 (mm)	1350	1350	1450	1550	1550	1520	1550	1600	1700	1700	1750
H_6 (mm)	750	750	750	900	900	1000	950	950	1100	1000	1000
H_7 (mm)	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200
CONNECTIONS Ø (mm)	50	63	63	63	75	90	110	110	125	140	160
FLOW (m³/h) (50 m³/h/m²) max	16	20	27	40	57	77	101	127	157	190	226
(40 m³/h/m²)	12	16	22	32	45	62	80	102	126	152	181
(30 m³/h/m²) mini	9	12	16	24	34	46	60	76	94	114	136
SAND (Kg)	524	665	909	1300	1900	2600	3400	4400	5300	6600	8000

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Composite Body Pool Filters



2 years Parts WARRANTY

“Turbidron” Bobbin Wound Horizontal Filters

Filter shell made of fiberglass reinforced laminated polyester by fiberglass bobbin winding outside. Complete with pressure gauge, 1,5" air valve and 400 mm side manhole.
Test pressure 4 kg/cm². Max. operation pressure 2,5 kg/cm².
Filtration rate Max. 30 m³/h/m².
Pls. ask price for 4 Bar working pressure.
Pls. ask price for “Dual Stack” version.

Description	Code	Pieces/ box
Filtration Bed Depth 0,6 m.		
•Ø1000 mm - L = 1500 mm. 34 m³/h	**02197161**	1
•Ø1000 mm - L = 2000 mm. 51 m³/h	**02197162**	1
•Ø1200 mm - L = 2000 mm. 63 m³/h	**02197171**	1
•Ø1200 mm - L = 2500 mm. 80 m³/h	**02197172**	1
Filtration Bed Depth 0,8 m.		
•Ø1400 mm - L = 2000 mm. 70 m³/h	**02197181**	1
•Ø1400 mm - L = 2500 mm. 88 m³/h	**02197182**	1
•Ø1400 mm - L = 3000 mm. 110 m³/h	**02197183**	1
•Ø1600 mm - L = 2000 mm. 87 m³/h	**02197191**	1
•Ø1600 mm - L = 2500 mm. 105 m³/h	**02197192**	1
•Ø1600 mm - L = 3000 mm. 137 m³/h	**02197193**	1
•Ø1600 mm - L = 4000 mm. 163 m³/h	**02197194**	1
•Ø1600 mm - L = 4500 mm. 190 m³/h	**02197195**	1
Filtration Bed Depth 1,0 m.		
•Ø1800 mm - L = 2500 mm. 114 m³/h	**02197201**	1
•Ø1800 mm - L = 3000 mm. 140 m³/h	**02197202**	1
•Ø1800 mm - L = 3500 mm. 166 m³/h	**02197203**	1
•Ø1800 mm - L = 4000 mm. 191 m³/h	**02197204**	1
•Ø2000 mm - L = 2500 mm. 123 m³/h	**02197211**	1
•Ø2000 mm - L = 3000 mm 152 m³/h	**02197212**	1
•Ø2000 mm - L = 3500 mm. 180 m³/h	**02197213**	1
•Ø2000 mm - L = 4000 mm. 209 m³/h	**02197214**	1
•Ø2000 mm - L = 4500 mm. 236 m³/h	**02197215**	1
•Ø2000 mm - L = 5000 mm. 265 m³/h	**02197216**	1
•Ø2200 mm - L = 2500 mm. 137 m³/h	**02197221**	1
•Ø2200 mm - L = 3000 mm. 165 m³/h	**02197222**	1
•Ø2200 mm - L = 3500 mm. 197 m³/h	**02197223**	1
•Ø2200 mm - L = 4000 mm. 229 m³/h	**02197224**	1
•Ø2200 mm - L = 4500 mm. 258 m³/h	**02197225**	1
•Ø2200 mm - L = 5000 mm. 287m³/h	**02197226**	1
Filtration Bed Depth 1,2 m.		
•Ø2400 mm - L = 3000 mm. 179 m³/h	**02197231**	1
•Ø2400 mm - L = 3500 mm. 214 m³/h	**02197232**	1
•Ø2400 mm - L = 4000 mm. 248 m³/h	**02197233**	1
•Ø2400 mm - L = 5000 mm. 306 m³/h	**02197234**	1
•Ø2500 mm - L = 4000 mm. 267 m³/h	**02197241**	1
•Ø2500 mm - L = 5000 mm. 341 m³/h	**02197242**	1





Dual stack
Horizontal filter



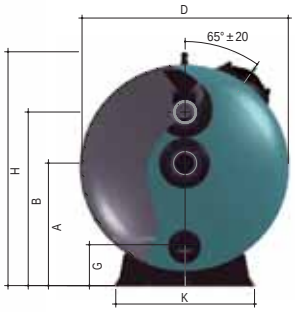
Dual stack assembly detail

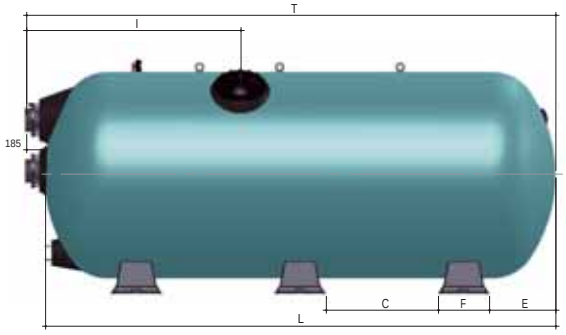
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Composite Body Pool Filters

“Turbidron” Bobbin Wound Horizontal Filters







TECHNICAL CHARACTERISTICS

MODEL	D (mm)	L±20 (mm)	A±50 (mm)	B±20 (mm)	C±50 (mm)	E±50 (mm)	F±20 (mm)	G±50 (mm)	H±50 (mm)	I±100 (mm)	K±50 (mm)	T±30 (mm)	Connec. (Ø) (mm)	Flow (m³/h) (50 m³/h/m²)	Flow (m³/h) (40 m³/h/m²)	Flow (m³/h) (30 m³/h/m²)	Sand (Kg)	Net Weight (Kg)
02197161	1000	1500	610	930	370	380	190	250	1250	750	750	1630	90	63	51	38	1260	138
02197162	1000	2500	610	930	1170	500	190	250	1250	1250	750	2650	125	106	85	63	2100	208
02197171	1200	2000	710	1030	840	380	200	250	1450	750	900	2250	125	104	83	62	2016	216
02197172	1200	2500	710	1030	1100	500	200	250	1450	1000	900	2650	140	130	104	78	2520	258
02197181	1400	2000	810	1200	820	380	210	250	1650	750	1000	2250	125	123	98	74	3136	262
02197182	1400	2500	810	1200	1080	500	210	250	1650	1000	1000	2650	140	154	123	92	3920	310
02197183	1400	3000	810	1200	685	500	210	250	1650	1000	1000	3180	160	185	148	111	4704	359
02197191	1600	2000	810	1380	600	450	240	250	1850	750	1200	2250	140	142	114	85	3584	310
02197192	1600	2500	910	1380	1020	500	240	250	1850	1000	1200	2680	160	178	142	107	4480	366
02197193	1600	3000	910	1380	640	500	240	250	1850	1000	1200	3180	160	213	171	128	5376	421
02197194	1600	4000	910	1380	1090	550	240	250	1850	1500	1200	4180	160	284	228	171	5940	561
02197195	1600	4500	910	1380	780	600	240	250	1850	1500	1200	4700	200	320	256	192	6730	631
02197201	1800	2500	910	1560	860	550	270	300	2080	1000	1400	2680	160	202	161	121	6300	472
02197202	1800	3000	1030	1560	1260	600	270	300	2080	1000	1400	3680	160	242	194	145	7560	541
02197203	1800	3500	1030	1560	795	550	270	300	2080	1000	1400	3700	200	282	226	169	8820	611
02197204	1800	4000	1030	1560	1045	550	270	300	2080	1500	1400	4200	200	322	258	194	10080	680
02197211	2000	2500	1030	1730	800	550	300	400	2300	1000	1500	2680	160	225	180	135	7000	540
02197212	2000	3000	1160	1730	1100	650	300	400	2300	1000	1500	3180	160	270	216	162	8400	617
02197213	2000	3500	1160	1730	750	550	300	400	2300	1000	1500	3700	200	315	252	189	9800	694
02197214	2000	4000	1160	1730	1000	550	300	400	2300	1500	1500	4200	200	360	288	216	11200	771
02197215	2000	4500	1160	1730	1150	650	300	400	2300	1500	1500	4730	225	406	324	243	12600	848
02197216	2000	5000	1160	1730	900	550	300	400	2300	1750	1500	5230	225	451	360	270	14000	925
02197221	2200	2500	1260	1860	800	550	300	400	2500	1000	1750	2750	200	249	199	149	7700	673
02197222	2200	3000	1260	1860	1100	650	300	400	2500	1000	1750	3200	200	299	239	179	9240	766
02197223	2200	3500	1260	1860	750	550	300	400	2500	1000	1750	3700	200	349	279	209	10780	860
02197224	2200	4000	1260	1860	1000	550	300	400	2500	1500	1750	4230	225	398	319	239	12320	953
02197225	2200	4000	1260	1860	1250	550	300	400	2500	1500	1750	4730	225	398	319	239	13860	1046
02197226	2200	4500	1260	1860	900	550	300	400	2500	1750	1750	5200	250	448	359	269	15400	1245
02197231	2400	5000	1380	2030	1000	550	350	450	2720	1000	1900	3200	200	545	436	327	12096	935
02197232	2400	5000	1380	2030	625	650	350	450	2720	1000	1900	3700	200	545	436	327	14112	1277
02197233	2400	4000	1380	2030	875	600	350	450	2720	1500	1900	4230	225	436	349	262	16128	1413
02197234	2400	5000	1380	2030	1275	700	350	450	2720	1500	1900	5250	225	545	436	327	20000	1486
02197241	2500	3000	1430	2130	875	600	350	450	2820	1500	1980	4230	225	342	273	205	16800	1486
02197242	2500	3500	1430	2130	1275	700	350	450	2820	1750	1980	5250	250	398	319	239	21000	1769

PS: Sight glass is optional. You can add it from the optional table on page 57.

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Composite Body Pool Filters

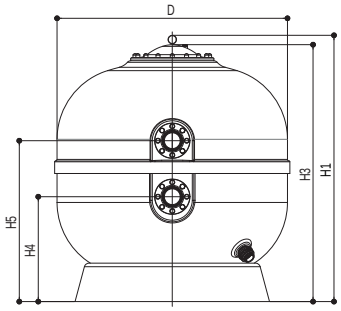


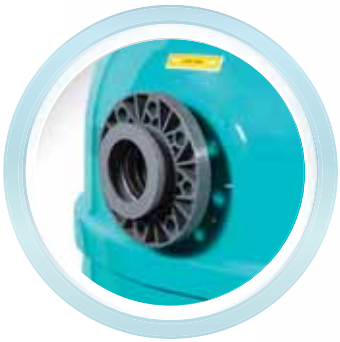
“Neptune” High Rate Sand Filters

GEMAS “NEPTUNE” COMMERCIAL SAND FILTERS.
Filter shell made of fiberglass reinforced laminated polyester, including pressure gauge, air release valve of 0,5".
Test pressure 3.5 kg/cm². Max. operation pressure 2,5 kg/cm².
Filtration rate: 50 m³/h/m².
Filtration Depth: 1,0 m (except 021216, 021217).
Counter flange is not included in price (021216-021217).

Description	Code	Pieces/ box	Weight Kg	Volume m³
•Ø1200 mm - Connections Ø90 mm w/loose flange. Max. 57 m³/h.	**021216**	1	78,500	1,460
•Ø1400 mm - Connections Ø110 mm flanged. Max. 77 m³/h	**021217**	1	145,000	2,350
•Ø1600 mm - without valve Ø125 mm flanged connection. Max. 101 m³/h	**021218**	1	202,500	3,760
•Ø1800 mm - without valve Ø140 mm flanged connection. Max. 127 m³/h	**021224**	1	225,000	5,080
•Ø2000 mm - without valve Ø160 mm flanged connection. Max. 157 m³/h	**021219**	1	245,000	6,410
•Ø2200 mm - without valve Ø200 mm flanged connection. Max. 190 m³/h	**021220**	1	425,000	8,900
•Ø2400 mm - without valve Ø200 mm flanged connection. Max. 226 m³/h	**021225**	1	535,000	12,200

PS: Filtration rate for public pools should not exceed 50 m³/h/m².





Loose flange connection (021216)



021216



Water drainage

TECHNICAL CHARACTERISTICS

MODEL	021216	021217	021218	021224	021219	021220	021225
D (mm)	1200	1400	1600	1800	2000	2200	2400
H_1 (mm)	1325	1380	1640	1960	1960	2160	2750
H_3 (mm)	1265	1320	1580	1890	1900	2200	2600
H_4 (mm)	500	630	670	680	830	850	900
H_5 (mm)	900	980	1200	1090	1330	1280	1700
CONNECTIONS Ø (mm)	90	110	125	140	160	200	200
FLOW (m³/h) (50 m³/h/m²) max	57	77	101	127	157	190	226
(40 m³/h/m²)	45	62	80	102	126	152	181
(30 m³/h/m²) mini	34	46	60	76	94	114	136
SAND (Kg)	1300	1950	2750	3650	4750	5700	6600
NET WEIGHT (Kg)	78, 500	145, 000	202, 500	225, 000	245, 000	425	535

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Composite Body Pool Filters

“Filtrex - Norm Plus” Sand Filters - Deep Bed



GEMAS FILTREX - NORM PLUS SAND FILTERS
According to DIN 19605 and 19643).
Filter shell made of fiberglass reinforced laminated polyester, including pressure gauge, air purge. Manufactured with collector plate with nozzles. Sight glass at side. Bed depth 1,20 m.
Filtration rate for single layer: 30 m³/h/m².
Test pressure 3,5 kg/cm². Max. operation pressure 2,5 kg/cm².



Sight glass

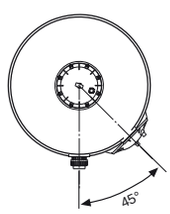


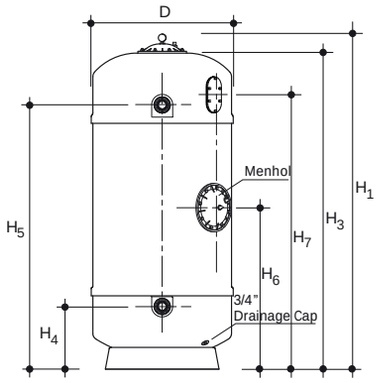




Nozzle
Distribution system

Description	Code	Pieces/ box	Weight Kg	Volume m³
• Ø630 mm - 9 m³/h - 12 m³/h	**021411**	1	52,650	0,630
• Ø830 mm -16 m³/h - 22 m³/h	**021412**	1	102,000	1,050
• Ø1000 mm - 24 m³/h - 32 m³/h	**021413**	1	135,000	1,880
• Ø1250 mm - 37 m³/h - 49 m³/h	**021414**	1	237,400	2,930
• Ø1400 mm - 46 m³/h - 62 m³/h	**021415**	1	300,000	3,700
• Ø1600 mm - 60 m³/h - 80 m³/h	**021416**	1	355,000	4,800





TECHNICAL CHARACTERISTICS

MODEL	021411	021412	021413	021414	021415	021416
D (mm)	630	830	1000	1250	1400	1600
H_1 (mm)	2060	1970	2145	2560	2540	2480
H_2 (mm)	-	-	-	-	-	-
H_3 (mm)	1940	1850	1985	2320	2380	2320
H_4 (mm)	330	385	500	270	840	830
H_5 (mm)	1720	1560	1620	2070	1620	1600
H_6 (mm)	600	940	970	950	1000	1050
H_7 (mm)	1750	1620	1665	1550	1600	1650
CONNECTIONS Ø (mm)	1,5"	2"	3"	3"	4"	4"
FLOW (m^3/h) (40 $m^3/h/m^2$)	12	22	31	49	61	80
ANTHRACITE 0,8 - 1,6 mm (lt)	200,000	300,000	475,000	675,000	770,000	1000,000
QUARTZ SAND 0,5 - 1 mm (Kg)	200,000	300,000	475,000	675,000	770,000	1000,000
QUARTZ SAND 1 - 3 mm (Kg)	150,000	225,000	425,000	525,000	630,000	825,000
NET WEIGHT (Kg)	52,650	102,000	135,000	237,000	300,000	355,000

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Composite Body Pool Filters



"Filtrex - Norm Plus" Sand Filters - Deep Bed

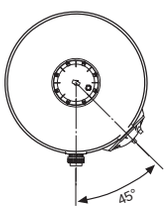
GEMAS FILTREX - NORM PLUS SAND FILTERS (According to DIN 19605 and 19643).

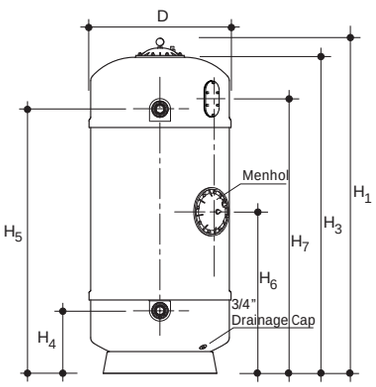
Filter shell made of fiberglass reinforced laminated polyester, including pressure gauge, air purge. Manufactured with collector plate with nozzles. Sight glass at side. Bed depth 1,20 m. Filtration rate for single layer: 30 m³/h/m². Test pressure 3,5 kg/cm². Max. operation pressure 2,5 kg/cm².

Description	Code	Pieces/ box	Weight Kg	Volume m³
• Ø1800 mm - 76 m³/h - 102 m³/h	**021417**	1	450,000	
• Ø2000 mm- 94 m³/h - 126 m³/h	**021418**	1	470,000	
• Ø2200 mm - 114 m³/h - 152 m³/h	**021419**	1	685,000	
• Ø2400 mm - 136 m³/h - 181 m³/h	**021420**	1	860,000	
• Ø2500 mm - 147 m³/h - 196 m³/h	**021421**	1	910,000	



021417







Sight glass

TECHNICAL CHARACTERISTICS

MODEL	021417	021418	021419	021420	021421
D (mm)	1800	2000	2200	2400	2500
H_1 (mm)	2490	2670	2610	2760	2710
H_2 (mm)	-	-	-	-	-
H_3 (mm)	2330	2600	2450	2600	-
H_4 (mm)	800	950	850	970	1000
H_5 (mm)	1550	1710	1630	1720	1800
H_6 (mm)	980	1040	950	1060	1090
H_7 (mm)	1580	1700	1660	1770	
CONNECTIONS Ø (mm)	5"	5"	6"	7,5"	7,5"
FLOW (m³/h) (40 m³/h/m²)	102	126	152	181	196
ANTHRACITE 0,8 - 1,6 mm (lt)	1221,000	1507,000	1821,000	2170,000	4712,000
QUARTZ SAND 0,5 - 1 mm (Kg)	3205,000	3951,000	4787,000	5697,000	6185,000
QUARTZ SAND 1 - 3 mm (Kg)	1068,000	1319,000	1596,000	1899,000	2062,000
NET WEIGHT (Kg)	450,000	470,000	685,000	860,000	910,000





Nozzle
Distribution system

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Valve Batteries for Commercial Filters





FOR SINGLE FILTER: PVC Valve Batteries with 5 pieces of Ball/Butterfly valves complete mounted including pipe support pivots with arm clamps and anchoring system, all made in zinc-plated steel. **(Please see Battery Supports)**

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø75 Ball Valves Battery	**131117B**	1		
• Ø90 Ball Valves Battery	**131118B**	1		
• Ø110 Ball Valves Battery	**131119B**	1		
• Ø110 Butterfly Valves Battery	**131603B**	1		
• Ø125 Butterfly Valves Battery	**131604B**	1		
• Ø140 Butterfly Valves Battery	**131605B**	1		
• Ø160 Butterfly Valves Battery	**131606B**	1		
• Ø200 Butterfly Valves Battery	**131607B**	1		
• Ø225 Butterfly Valves Battery	**131608B**	1		

FOR TWO FILTERS: PVC Valve Batteries with 5 pieces of Ball/Butterfly valves including pipe support pivots with arm clamps and anchoring system, all made in zinc-plated steel. **(Please see Battery Supports)**

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø110 Ball Valves Battery	**131119BD**	1		
• Ø110 Butterfly Valves Battery	**131603BD**	1		
• Ø125 Butterfly Valves Battery	**131604BD**	1		
• Ø140 Butterfly Valves Battery	**131605BD**	1		
• Ø160 Butterfly Valves Battery	**131606BD**	1		
• Ø200 Butterfly Valves Battery	**131607BD**	1		
• Ø225 Butterfly Valves Battery	**131608BD**	1		





AUTOMATIC AIR PURGE. Automatic Air Purge for filters with large lid. Made of PVC, 1" male threaded connection.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 1"	**02701**	1		
• 2"	**02702**	1		

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Motor Actuated Valves and Automatic Battery Sets For Filters



FOR SINGLE FILTER: Motor Actuated PVC valve batteries with ball or butterfly valves for commercial sand filters. Complete with zinc plated Battery Support Sets and Clamp Support Systems. **(Please see Valve Battery Support Systems).** The system is designed with 5 valve Groups including FILTRATION, BACKWASH, RINSE, RECIRCULATION and WASTE functions completely. DOES NOT INCLUDE CONTROL UNIT. Can be used manually in case of a power cut.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø90 Butterfly Valves Battery	**131602BM**	1		
• Ø110 Butterfly Valves Battery	**131603BM**	1		
• Ø125 Butterfly Valves Battery	**131604BM**	1		
• Ø140 Butterfly Valves Battery	**131605BM**	1		
• Ø160 Butterfly Valves Battery	**131606BM**	1		
• Ø200 Butterfly Valves Battery	**131607BM**	1		
• Ø225 Butterfly Valves Battery	**131608BM**	1		



AUTOMATIC VALVE BATTERY CONTROL UNIT WITH MICROPROCESSOR:
It is designed to work with 5 valve groups (described above) with pressure and/or time controlled. It deactivates the pump in case of high pressure. It stops/starts the pump during the valve position changes.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Control Unit	**0221350P**	1		
• Electronic Pressure Sensor	**0221350PS**	1		
• Wifi addition	**0221350WF**	1		





The stainless steel panel is not included in the price.



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Valve Battery Support Systems





GEMAS VALVE BATTERY SUPPORT PIVOT SET. Made of zinc plated steel, 40x40x2,5 mm steel profile, complete with 2 pieces of stainless steel sliding pipe clamp and 2 sets of sliding fixing part; with steel footers to be fixed with 4 screws on the ground.

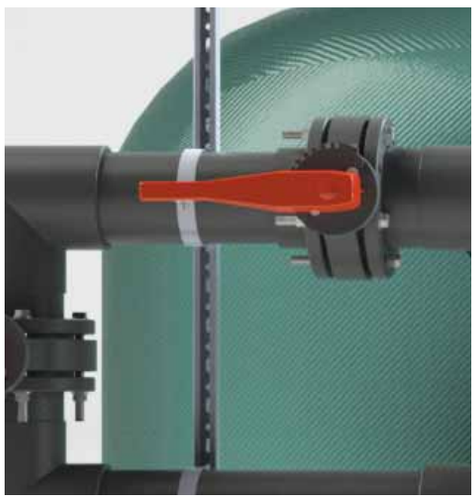
Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 2 x Ø90 Clamp - h = 1,5 m	**139111**	1		
• 2 x Ø110 Clamp - h = 1,5 m	**139112**	1		
• 2 x Ø125 Clamp - h = 1,5 m	**139113**	1		
• 2 x Ø140 Clamp - h = 1,5 m	**139114**	1		
• 2 x Ø160 Clamp - h = 1,5 m	**139115**	1		
• 2 x Ø200 Clamp - h = 1,5 m	**139116**	1		
• 2 x Ø225 Clamp - h = 1,5 m	**139117**	1		
• 2 x Ø140 Clamp - h = 2,0 m	**139121**	1		
• 2 x Ø160 Clamp - h = 2,0 m	**139122**	1		
• 2 x Ø200 Clamp - h = 2,0 m	**139123**	1		
• 2 x Ø225 Clamp - h = 2,0 m	**139124**	1		





GEMAS HORIZONTAL PIPE SUPPORT SET. Made of zinc plated steel, 40x40x2,5 mm steel profile, complete with 2 pieces of stainless steel sliding pipe clamp and 2 sets of sliding fixing part; with steel footers to be fixed with 4 screws on the ground.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 1 x Ø90 Clamp - h = 0,40 m	**139211**	1		
• 1 x Ø110 Clamp - h = 0,40 m	**139212**	1		
• 1 x Ø125 Clamp - h = 0,40 m	**139213**	1		
• 1 x Ø140 Clamp - h = 0,40 m	**139214**	1		
• 1 x Ø160 Clamp - h = 0,40 m	**139215**	1		
• 1 x Ø200 Clamp - h = 0,40 m	**139216**	1		
• 1 x Ø225 Clamp - h = 0,40 m	**139217**	1		



Detail 1



Detail 2

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Valve Battery Support Systems

GEMAS VALVE BATTERY SUPPORT LANE - SINGLE.
Made of zinc plated steel, 40x40x2,5 mm steel profile. Complete with steel footers to be fixed with 4 screws on the ground. Other end with plastic cap.



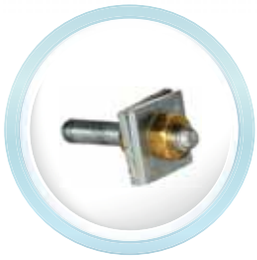
Description	Code	Pieces/ box	Weight Kg	Volume m^3
• h= 2,0 m, Support Pivot	**1391112**	1		
• h= 1,5 m, Support Pivot	**1391111**	1		
• h= 0,4 m, Horizontal Support	**1391110**	1		

GEMAS SLIDING PIPE CLAMP FOR SUPPORT. Made of zinc plated steel.



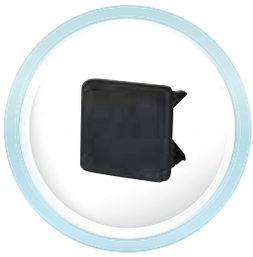
Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø90	**13911111**	1		
• Ø110	**13911112**	1		
• Ø125	**13911113**	1		
• Ø140	**13911114**	1		
• Ø160	**13911115**	1		
• Ø200	**13911116**	1		
• Ø225	**13911117**	1		

GEMAS SLIDING CLAMP FIXING PART.
Complete with M8 nuts and bolts. Two pieces of fixing part is necessary for each clamp.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
	1391114	1		

GEMAS CAP FOR SUPPORT LANE. Made of plastic, black cap - 400 x 400 mm.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
	1391113	1		

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HANG-OVER Filtration Units



GEMAS "DECKON" HANG-OVER FILTRATION UNIT.

HANG-OVER Unit: The body is made of UV-resistant ABS plastic and includes a 23 W/12 V LED underwater light, skimmer, suction inlet, and 2+1 side and bottom oriented inlets. The Hang-over unit and filter room can be assembled separately using two different plastic covers (included).

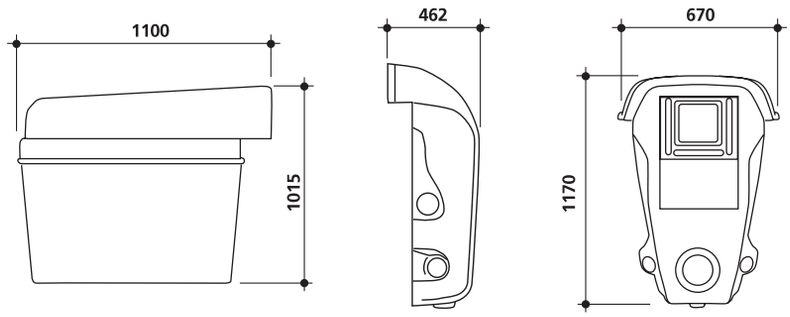
Filtration Room: The base part is made of FRP, and the upper frame and room cover are made of UV-resistant ABS plastic. It comes complete with a sand or cartridge filter, electrical control board, pneumatic on-off switch, and transformer. The machine room and Hang-over unit can be installed separately. Top covers for such applications are included.





Description	Code	Pieces/ box	Weight Kg	Volume m^3
Hang-over Unit	**02511**	1	**19,100**	**0,420**
Filtration room w/sand filter				
• Ø400 mm sand filter + 0,5 HP Pump - 6 m^3/h	**02512**	1	**65,850**	**0,870**
• Ø500 mm sand filter + 0,75 HP Pump - 10 m^3/h	**02513**	1	**67,650**	**0,870**
• Ø560 mm sand filter + 1 HP Pump - 13 m^3/h	**02529**	1		
PS. In case of any inquiry for Ø615 or Ø710 filter, this unit could be incorporated w/fitration room 02517.				
Filtration room w/cartridge filter				
• P510 cartridge filter + 0,5 HP Pump - 6 m^3/h	**02514**	1		
• P512 cartridge filter + 0,75 HP Pump - 10 m^3/h	**02515**	1		
• P513 cartridge filter + 1" HP Pump - 15 m^3/h	**02516**	1		
Options				
• ECO Slim LED Light	**051130EO**	1		
• Chlorine feeder	**069CLT167B**	1		

PS. Filter media not included.









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HANG-OVER Filtration Units

GEMAS "DECKON JET" HANG-OVER FILTRATION UNIT. with COUNTER CURRENT.

HANG-OVER Unit: The body is made of UV-resistant ABS plastic and includes a 23 W/12 V LED underwater light, skimmer, suction inlet, and 2+1 side and bottom oriented inlets, jet inlet, air regulator, counter current on/off pneumatic button, stainless steel handles. The Hang-over unit and filter room can be assembled separately using two different plastic covers (included).

Filtration Room: The base part is made of FRP, and the upper frame and room cover are made of UV-resistant ABS plastic. It comes complete with a circulation pump, 2 HP jet pump, sand or cartridge filter, electrical control board, pneumatic on-off switch, and transformer. The machine room and Hang-over unit can be installed separately. Top covers for such applications are included.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
Hang-over Unit	**02511J**	1	**20,000**	**0,420**
Filtration room w/sand filter				
• Ø400 mm sand filter + 0,5 HP + 2" HP Jet pump - 6 m³/h	**02512J**	1	**85,850**	**0,870**
• Ø500 mm sand filter + 0,75 HP + 2" HP Jet Pump - 10 m³/h	**02513J**	1	**89,650**	**0,870**



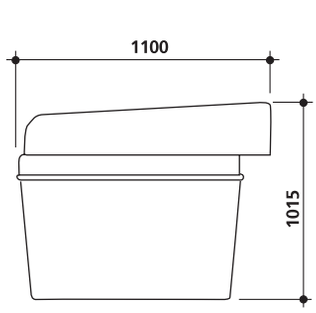
PS. In case of any inquiry for Ø615 or Ø710 filter, this unit could be incorporated w/fitration room 02517.

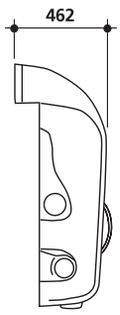
Filtration room w/cartridge filter				
• P510 cartridge filter + 0,5 HP + 2" HP Jet pump - 6 m³/h	**02514J**	1		
• P512 cartridge filter + 0,75 HP + 2" HP Jet pump - 10 m³/h	**02515J**	1		
• P513 cartridge filter + 1" HP + 2" HP Jet pump - 15 m³/h	**02516J**	1		

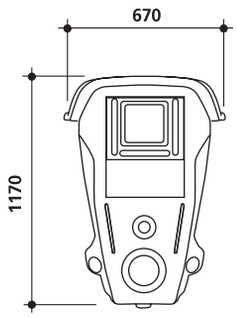


Options				
• ECO Slim LED Light	**051130EO**	1		
• Chlorine feeder	**069CLT167B**	1		

PS. Filter media not included.













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Filtration Rooms



Cabin II



GEMAS FILTRATION ROOM

CABIN II: Body made of FRP, frame and top up made of ABS. Suitable up to Ø500 mm size premium top mounted sand filter. Body to be mounted in the ground.

CABIN III: Body and lid made LDPE, It is produced with rotational moulding technique. Complete with double sided wall joints, water drainage and locking nuts.
Max. filter size Ø830 mm.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Cabin II	**02510**	1		
• Cabin III	**0251702**	1		





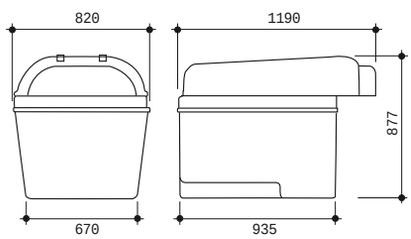
Cabin III

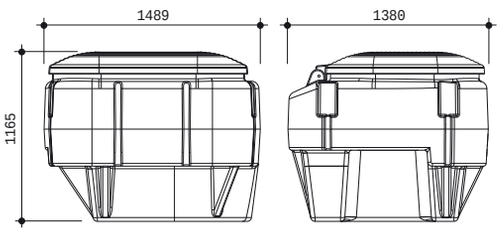
GEMAS FILTRATION UNIT WITH ROOM

Gemas Filtration Room 0251702 installed with Filtrone Sand Filter, Mini Streamer Pump.
Options: Pool Control Mono pH and Redox Controller, Chlorine Feeder, HOZ-01/02 Ozone Generator, Remote Control for UW Light and Pump, Electrical Control Panel, Transformer.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø615 mm Sand Filter (021823) + 0,75 HP Pump - 15 m³/h.	**02517**	1	**124,000**	**1,950**
• Ø760 mm Sand Filter (021824) + 1,5 HP Pump - 20 m³/h.	**02518**	1	**140,000**	**1,950**







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GEMAS Multiport Valves - Manual

GEMAS VALVEX 03 - SIDE. Multiport valve, 1,5".

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 1,5" Threaded connections	**02400T**	1	1,600	
• Ø50 mm Slip connections - metric	**02400**	1	1,600	0,008



02400

GEMAS VALVEX 03 - TOP. Multiport valve - BSP threaded body for 1,5".
Bolted lid connection for 2".

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 1,5" Threaded connections	**02403T**	1	1,900	0,015
• Ø 50 mm Slip connections - metric	**02403**	1	1,900	
• 2" Threaded connections	**02213029T**	1	3,500	
• Ø 63 mm Slip connections - metric	**02213029**	1		



02403



02213029T

GEMAS VALVEX 03 - TOP CLAMPED. Multiport valve, 1,5", clamp set not included.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 1,5" Threaded connections	**02404T**	1	1,900	0,015
• Ø 50 mm Slip connections - metric	**02404**	1	1,900	
• Clamp set - (old)	**024041**	1		
• Clamp set - (new)	**024042**	1		



02404



02213027

GEMAS VALVEX 04 - SIDE. Multiport valve, 2"

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Multiport valve, 2" Threaded connections	**02213027T**	1	2,956	0,016
• Ø 63 mm Slip connections - metric	**02213027**	1	3,000	



02213028

GEMAS VALVEX 05 - SIDE. Multiport valve, 2,5".
2" multiport valve outputs are with Ø 75 mm sockets outside.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
Ø 75 mm Slip connections - metric	**02213028**	1		0,016



022130001

SIDE MULTIPORT VALVE. Threaded connection.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Side M.Valve 2,5" w/out connection, IMPORT	**022130001**	1		
• GEMAS Side M.Valve, 3"w/out connection	**022130003T**	1	8,000	0,050
• Side M.Valve, 3" w/out connection, IMPORT	**022130002**	1	18,000	0,120
• Side M.Valve, 4" w/out connection, IMPORT	**022380-E20**	1		



022130003T



022380-E20

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Automatic Multiport Valves

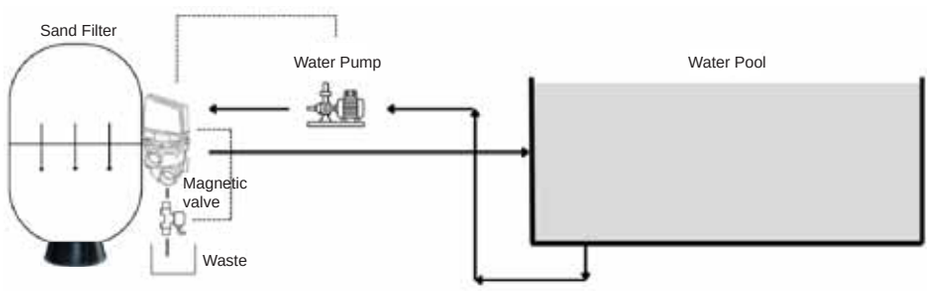
NEW !

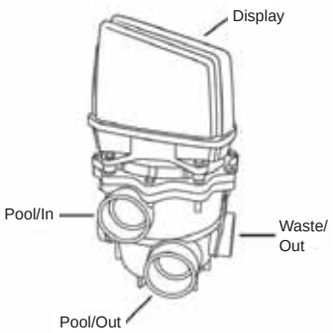


An Automatic Multiport Valve (AMV) is a type of control valve used primarily in swimming pool filters in order to automatically manage the flow of water through different filtration processes. It simplifies and automates the routing of water through multiple ports (inlet, outlet, drain, backwash, rinse, etc.) by using pre-programmed electronic or analog controls.

- Easy installation and easy control by means of touch pad interface.
- Low weight and volume with compact design
- Waterproof – IP40
- Complies with CE standards and directives
- 230/115V AC power supply
- It is compatible with Gemaş Ø 1.5”, Ø 2” and Ø 2.5” multi-way valve bodies.
- Pressure- and time-based programming
- Adjustable backwash and rinse durations
  Backwash: 0.5~4 min. / Rinse: 20~40 seconds)
- Automatic pump control
- Pool can be drained at any time via the drain button on the keypad
- Optional Wi-Fi control allows remote operation via the GEMAS SMART application
- Fast technical support service and hassle-free spare part supply

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• GEMAS Automatic M.Valves; 1,5”, Threaded con.	**0221311**	1	**4,000**	**0,033**
• GEMAS Automatic M.Valves; 2”, Threaded con.	**0221312**	1	**5,000**	**0,033**
• GEMAS Automatic M.Valves; 2,5”, Threaded con.	**0221313**	1		





- Fully Automated Operation Automatically controls all valve functions without manual intervention, ensuring reliable and consistent system performance.
- Multi-Function Control Supports multiple processes such as filtration, backwash, rinse, regeneration, and drain within a single compact unit.
- Programmable Settings Can be configured based on time, flow rate, or system demand for flexible and optimized operation.
- Compact and Space-Saving Design Combines several flow functions in one valve, reducing the need for multiple individual components.
- Reduced Maintenance and Labor Minimizes human error and manual handling, lowering operational costs and improving system reliability.
- Durable Construction Built from corrosion-resistant materials suitable for continuous use in harsh water treatment environments.

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Filtration Media - Ouartz Sand





Ouartz Sand

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• (0,5 - 1,0 mm)	**02312**	1	**25,000**	**0,040**
• (1,0 - 3,0 mm)	**02313**	1	**25,000**	**0,040**
• (3,0 - 5,0 mm)	**02314**	1	**25,000**	**0,040**

Anthracite

Description	Code	Pieces/ box	Weight Kg	Volume m^3
Price per liter	**02321**	1	**30,000**	**0,040**

Zeolite

Description	Code	Pieces/ box	Weight Kg	Volume m^3
Price per liter	**02331**	1	**25,000**	**0,050**

PS: Zeolite is used instead of Quartz or with Quartz.
It is used to reduce Iron elements or stabilize the hardness in pool water.
Should be backwashed and rinsed for 30 minutes before first operation.

Filter Sand Evacuation Tool

SANDVAC. Sand Evacuation Tool. Works with wet-dry vacuuming.Stainless Steel Body. Complete with hose. 220V / 50 Hz - Monophase

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	02601	1		



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GEMAS Glass Filtration Media





Environment friendly

GEMAS GLASS FILTER-MEDIA

An environmentally friendly alternative to silica sand for filtration purposes. It is made from recycled glass, eliminating the need for intrusive mining and reducing the consumption of scarce resources.

GGFM offers several benefits over silica sand:

Improved Efficiency: Due to its angular to sub-angular particle shape and bound silica content, GGFM provides a 30% improvement in turbidity removal compared to silica sand. It also has the ability to remove finer particles from water.

Reduced Backwashing: The non-porous composition of GGFM prevents it from clumping, resulting in reduced backwashing needs. This leads to water, energy, and chemical treatment cost savings.

Cleaner Performance: GGFM's smooth surface area makes it less susceptible to bio-fouling compared to silica sand. Bacteria are unable to get trapped in cracks or flaws, reducing the need for remedial action and chemical treatment to combat pollutants.

Lower Material Requirement: GGFM is less dense than sand, requiring 15% less media to fill an equivalent filter.

Longer Lifespan: GGFM's durability translates to a longer lifespan, potentially eliminating the need for media replacement during filter refurbishment.

Overall, GEMAS GLASS FILTER-MEDIA offers superior performance, cost-effectiveness, and environmental advantages compared to traditional silica sand. It contributes to efficient filtration, reduced maintenance, and a longer-lasting filtration system.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 0,6 mm - 1,00 mm grain thickness	**023411**	1		
• 1 mm - 3,00 mm grain thickness	**023412**	1		
• 3 mm - 5,00 mm grain thickness	**023413**	1		







Density Comparison GGFM Against Sand

Dia of Filter (mm)	Total Grade 1&3 Sand Required (kg)	Total Grade 1&3 GGFM GGFM Required (kg)
600	150	130
750	250	215
900	450	385
1000	700	595
1200	1300	1100
1400	1950	1660
1600	2750	2340
1800	3650	3105
2000	4750	4040
2200	5700	4845
2400	6600	5610
2500	7000	5950

As GGFM is lighter than sand, it requires approximately 15% less GGFM to achieve the same filter bed depth as sand.

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Polymer Filtration Media



Polymer Filtration Media - PFM: Syntetic Filtration Media made of polymer, can be used instead of quartz sand for commercial or domestic sand filters. Its being lightweight is a great advantage during the application. Backwash can be done as usual. But as pressure increase is low inside the polluted filter, backwash should be done with timing (The longest backwash period once in a week). It gives opportunity to get the required flow rate rate with a smaller pump, as pressure loss is low. 1 bag of PFM is 500 gr and it's equal to 25 kg sand. Can also be used inside cartridge filters. It filters 1 micron particules and yet not flocculant is required with PFM.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• PFM Bag	**02351**	1	**25**	

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03	Poolside Equipment	77
04	In-Pool Materials	99

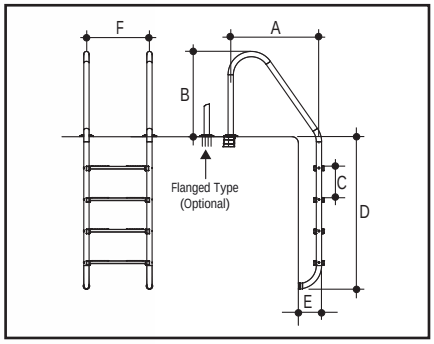
Pool Ladders





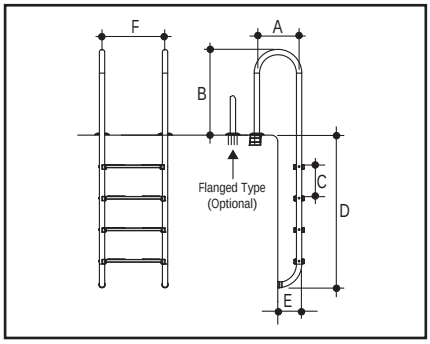


STANDARD



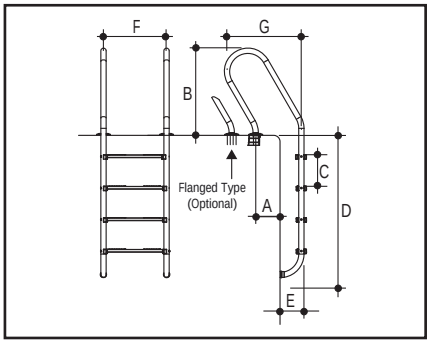
Number of Treads	A	B	C	D	E	F
2	700	690	250	700	190	500
3	700	690	250	950	190	500
4	700	690	250	1200	190	500
5	700	690	250	1450	190	500

"U" MODEL



Number of Treads	A	B	C	D	E	F
2	330	670	250	700	190	500
3	330	670	250	950	190	500
4	330	670	250	1200	190	500
5	330	670	250	1450	190	500

COMBINED



Number of Treads	A	B	C	D	E	F	G
2	210	690	250	630	190	500	640
3	210	690	250	880	190	500	640
4	210	690	250	1130	190	500	640
5	210	690	250	1380	190	500	640

500 mm width. The treads are made of AISI 304 grade stainless steel and feature anti-slip surface.
The handrails are made of Ø42 mm AISI 304 grade polished stainless steel pipe.
Complete with plastic anchors, anchor escutcheons, end caps, bolts and nuts.

STANDARD 304 MODEL WITH STAINLESS STEEL TREADS.

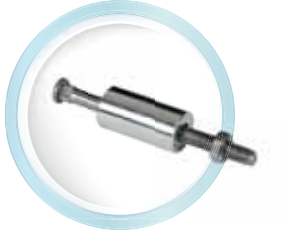
Description	Code	Pieces/ box	Weight Kg	Volume m^3
• With 2 Stainless Steel Treads	**0311111**	1	10,200	0,122
• With 3 Stainless Steel Treads	**0311112**	1	11,900	0,122
• With 4 Stainless Steel Treads	**0311113**	1	13,300	0,122
• With 5 Stainless Steel Treads	**0311114**	1	14,800	0,139

U 304 MODEL WITH STAINLESS STEEL TREADS.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• With 2 Stainless Steel Treads	**0311211**	1	8,800	0,071
• With 3 Stainless Steel Treads	**0311212**	1	10,200	0,071
• With 4 Stainless Steel Treads	**0311213**	1	11,800	0,071
• With 5 Stainless Steel Treads	**0311214**	1	13,100	0,079

COMBINED 304 MODEL WITH STAINLESS STEEL TREADS

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• With 2 Stainless Steel Treads	**0311311**	1	9,700	0,118
• With 3 Stainless Steel Treads	**0311312**	1	11,200	0,118
• With 4 Stainless Steel Treads	**0311313**	1	12,800	0,118
• With 5 Stainless Steel Treads	**0311314**	1	14,300	0,118



Zinc Anode

PS: It is functional with an anchor suitable for ladder grounding.
For ladders with zinc anode protection, please add "Z" at end of product code.

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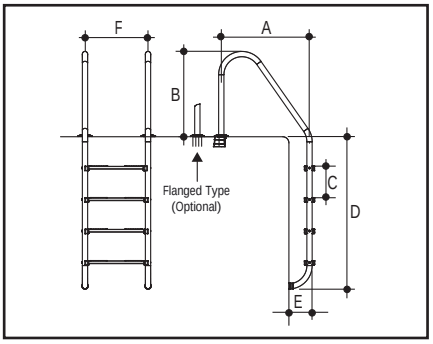
Pool Ladders





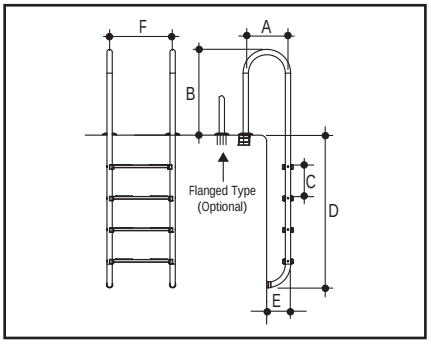


STANDARD



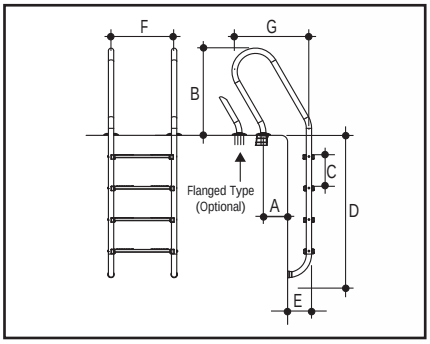
Number of Treads	A	B	C	D	E	F
2	700	690	250	700	190	500
3	700	690	250	950	190	500
4	700	690	250	1200	190	500
5	700	690	250	1450	190	500

"U" MODEL



Number of Treads	A	B	C	D	E	F
2	330	670	250	700	190	500
3	330	670	250	950	190	500
4	330	670	250	1200	190	500
5	330	670	250	1450	190	500

COMBINED



Number of Treads	A	B	C	D	E	F	G
2	210	690	250	630	190	500	640
3	210	690	250	880	190	500	640
4	210	690	250	1130	190	500	640
5	210	690	250	1380	190	500	640

500 mm width. The treads are made of AISI 316 grade stainless steel and feature anti-slip surface. The handrails are made of Ø42 mm AISI 316 grade polished stainless steel pipe. Complete with plastic anchors, anchor escutcheons, end caps, bolts and nuts.

STANDARD 316 MODEL WITH STAINLESS STEEL TREADS.

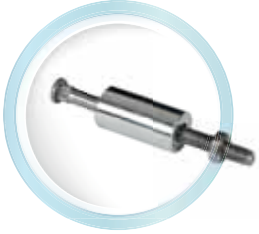
Description	Code	Pieces/ box	Weight Kg	Volume m^3
• With 2 Stainless Steel Treads	**0312111**	1	10,600	0,122
• With 3 Stainless Steel Treads	**0312112**	1	12,300	0,122
• With 4 Stainless Steel Treads	**0312113**	1	13,700	0,122
• With 5 Stainless Steel Treads	**0312114**	1	15,200	0,139

U 316 MODEL WITH STAINLESS STEEL TREADS.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• With 2 Stainless Steel Treads	**0312221**	1	9,200	0,071
• With 3 Stainless Steel Treads	**0312222**	1	10,600	0,071
• With 4 Stainless Steel Treads	**0312223**	1	12,200	0,071
• With 5 Stainless Steel Treads	**0312224**	1	13,500	0,079

COMBINED 316 MODEL WITH STAINLESS STEEL TREADS.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• With 2 Stainless Steel Treads	**0312311**	1	10,100	0,118
• With 3 Stainless Steel Treads	**0312312**	1	11,600	0,118
• With 4 Stainless Steel Treads	**0312313**	1	13,200	0,118
• With 5 Stainless Steel Treads	**0312314**	1	14,700	0,118



Zinc Anode

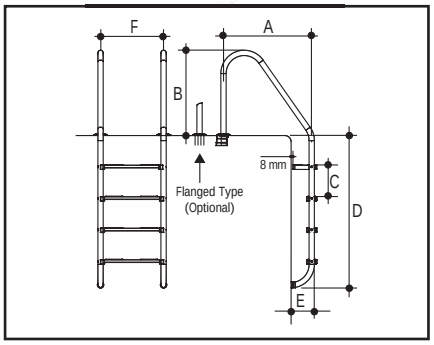
PS: It is functional with an anchor suitable for ladder grounding.
For ladders with zinc anode protection, please add "Z" at end of product code.

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Pool Ladders - Commercial Pools



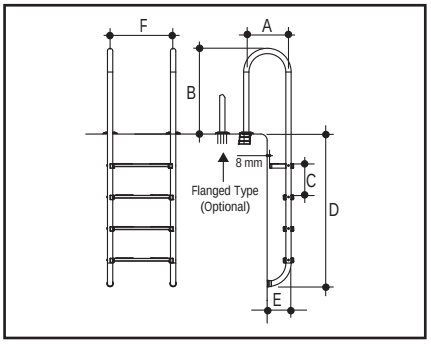
STANDARD



Number of Treads	A	B	C	D	E	F
2	700	690	250	700	190	500
3	700	690	250	950	190	500
4	700	690	250	1200	190	500
5	700	690	250	1450	190	500



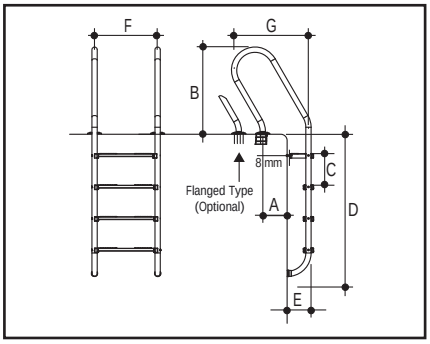
"U" MODEL



Number of Treads	A	B	C	D	E	F
2	330	670	250	700	190	500
3	330	670	250	950	190	500
4	330	670	250	1200	190	500
5	330	670	250	1450	190	500



COMBINED



Number of Treads	A	B	C	D	E	F	G
2	210	690	250	630	190	500	640
3	210	690	250	880	190	500	640
4	210	690	250	1130	190	500	640
5	210	690	250	1380	190	500	640

500 mm width. The treads are made of AISI 304 grade stainless steel and feature anti-slip surface.
The handrails are made of Ø42 mm AISI 304 grade polished stainless steel pipe.
Complete with plastic anchors, anchor escutcheons, end caps, bolts and nuts.
Manufactured with double safety tread in accordance to EN 13451-2/AC standard.

STANDARD 304 MODEL WITH STAINLESS STEEL TREADS - FOR PUBLIC POOLS.

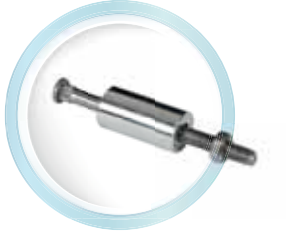
Description	Code	Pieces/ box	Weight Kg	Volume m^3
• With 2 Stainless Steel Treads	**0311111EU**	1	11,400	0,122
• With 3 Stainless Steel Treads	**0311112EU**	1	13,100	0,122
• With 4 Stainless Steel Treads	**0311113EU**	1	14,500	0,122
• With 5 Stainless Steel Treads	**0311114EU**	1	16,000	0,139

U 304 MODEL WITH STAINLESS STEEL TREADS - FOR PUBLIC POOLS.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• With 2 Stainless Steel Treads	**0311211EU**	1	10,000	0,071
• With 3 Stainless Steel Treads	**0311212EU**	1	11,400	0,071
• With 4 Stainless Steel Treads	**0311213EU**	1	13,000	0,071
• With 5 Stainless Steel Treads	**0311214EU**	1	14,300	0,079

COMBINED 304 MODEL WITH STAINLESS STEEL TREADS - FOR PUBLIC POOLS.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• With 2 Stainless Steel Treads	**0311311EU**	1	10,900	0,118
• With 3 Stainless Steel Treads	**0311312EU**	1	12,400	0,118
• With 4 Stainless Steel Treads	**0311313EU**	1	14,000	0,118
• With 5 Stainless Steel Treads	**0311314EU**	1	15,500	0,118



Zinc Anode

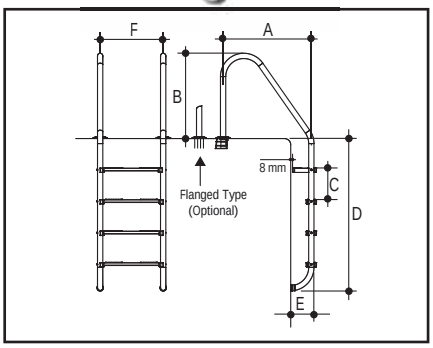
PS: It is functional with an anchor suitable for ladder grounding.
For ladders with zinc anode protection, please add "Z" at end of product code.

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Pool Ladders - Commercial Pools



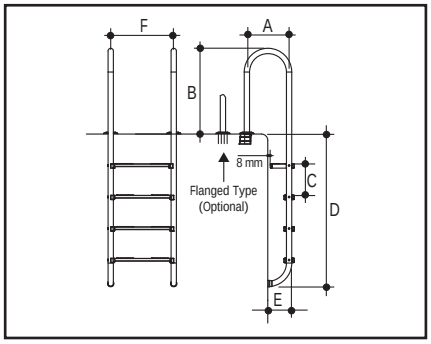
STANDARD



Number of Treads	A	B	C	D	E	F
2	700	690	250	700	190	500
3	700	690	250	950	190	500
4	700	690	250	1200	190	500
5	700	690	250	1450	190	500



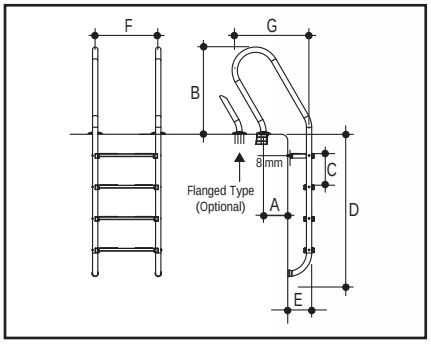
"U" MODEL



Number of Treads	A	B	C	D	E	F
2	330	670	250	700	190	500
3	330	670	250	950	190	500
4	330	670	250	1200	190	500
5	330	670	250	1450	190	500



COMBINED



Number of Treads	A	B	C	D	E	F	G
2	210	690	250	630	190	500	640
3	210	690	250	880	190	500	640
4	210	690	250	1130	190	500	640
5	210	690	250	1380	190	500	640

500 mm width. The treads are made of AISI 316 grade stainless steel and feature anti-slip surface.
The handrails are made of Ø42 mm AISI 316 grade polished stainless steel pipe.
Complete with plastic anchors, anchor escutcheons, end caps, bolts and nuts.
Manufactured with double safety tread in accordance to EN 13451-2/AC standard.

STANDARD 316 MODEL WITH STAINLESS STEEL TREADS - FOR PUBLIC POOLS.

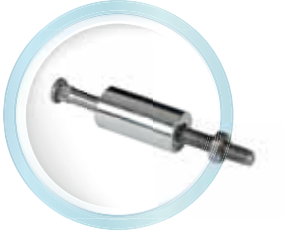
Description	Code	Pieces/ box	Weight Kg	Volume m^3
• With 2 Stainless Steel Treads	**0312111EU**	1	11,800	0,122
• With 3 Stainless Steel Treads	**0312112EU**	1	13,500	0,122
• With 4 Stainless Steel Treads	**0312113EU**	1	14,900	0,122
• With 5 Stainless Steel Treads	**0312114EU**	1	16,400	0,139

U 316 MODEL WITH STAINLESS STEEL TREADS - FOR PUBLIC POOLS.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• With 2 Stainless Steel Treads	**0312211EU**	1	10,400	0,071
• With 3 Stainless Steel Treads	**0312212EU**	1	11,800	0,071
• With 4 Stainless Steel Treads	**0312213EU**	1	13,400	0,071
• With 5 Stainless Steel Treads	**0312214EU**	1	14,700	0,079

COMBINED 316 MODEL WITH STAINLESS STEEL TREADS - FOR PUBLIC POOLS.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• With 2 Stainless Steel Treads	**0312311EU**	1	11,300	0,118
• With 3 Stainless Steel Treads	**0312312EU**	1	12,800	0,118
• With 4 Stainless Steel Treads	**0312313EU**	1	14,200	0,118
• With 5 Stainless Steel Treads	**0312314EU**	1	15,900	0,118



Zinc Anode

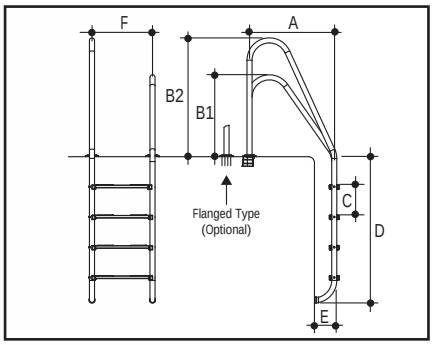
PS: It is functional with an anchor suitable for ladder grounding.
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Pool Ladders



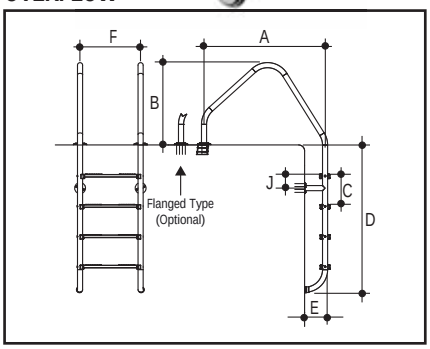
ASYMMETRIC



Number of Treads	A	B1	B2	C	D	E	F
2	700	690	980	250	730	190	500
3	700	690	980	250	980	190	500
4	700	690	980	250	1230	190	500
5	700	690	980	250	1480	190	500



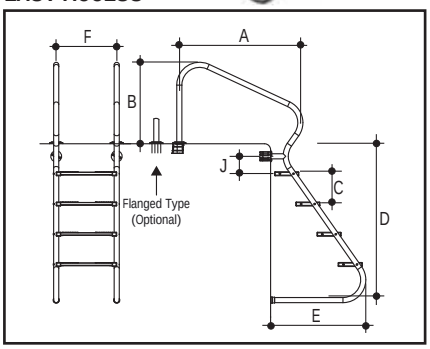
OVERFLOW



Number of Treads	A	B	C	D	E	F	J
2	1020	650	250	750	190	500	100
3	1020	650	250	1000	190	500	100
4	1020	650	250	1250	190	500	100
5	1020	650	250	1500	190	500	100

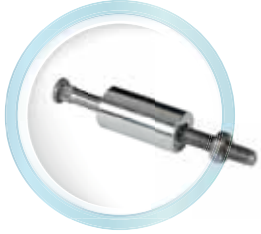


EASY ACCESS



Number of Treads	A	B	C	D	E	F	J
2	1020	670	250	770	440	500	150
3	1020	670	250	1020	615	500	150
4	1020	670	250	1270	790	500	150
5	1020	670	250	1520	965	500	150

500 mm width. The treads are made of AISI 304 grade stainless steel and feature anti-slip surface.
The handrails are made of Ø42 mm AISI 304 grade polished stainless steel pipe. Manufactured with double safety tread in accordance to EN 13451-2/AC standard. Complete with plastic anchors, anchor escutcheons, end caps, bolts and nuts.



Zinc Anode

ASYMMETRIC 304 MODEL WITH STAINLESS STEEL TREADS.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• With 2 Stainless Steel Treads	**0311811**	1		0,247
• With 3 Stainless Steel Treads	**0311812**	1		0,247
• With 4 Stainless Steel Treads	**0311813**	1		0,247
• With 5 Stainless Steel Treads	**0311814**	1		0,271

OVERFLOW 304 MODEL WITH STAINLESS STEEL TREADS.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• With 2 Stainless Steel Treads	**0311411**	1	12,500	0,247
• With 3 Stainless Steel Treads	**0311412**	1	13,700	0,247
• With 4 Stainless Steel Treads	**0311413**	1	15,100	0,247
• With 5 Stainless Steel Treads	**0311414**	1	17,000	0,271

EASY ACCESS 304 MODEL WITH STAINLESS STEEL TREADS.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• With 2 Stainless Steel Treads	**0311511**	1		
• With 3 Stainless Steel Treads	**0311512**	1		
• With 4 Stainless Steel Treads	**0311513**	1		
• With 5 Stainless Steel Treads	**0311514**	1		

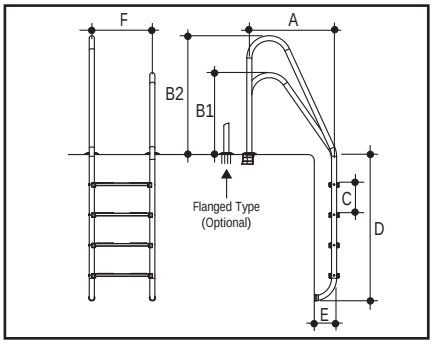
PS: It is functional with an anchor suitable for ladder grounding.
For ladders with zinc anode protection, please add "Z" at end of product code.

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Pool Ladders



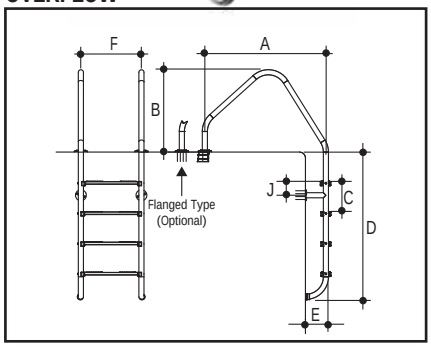
ASYMMETRIC



Number of Treads	A	B1	B2	C	D	E	F
2	700	690	980	250	730	190	500
3	700	690	980	250	980	190	500
4	700	690	980	250	1230	190	500
5	700	690	980	250	1480	190	500



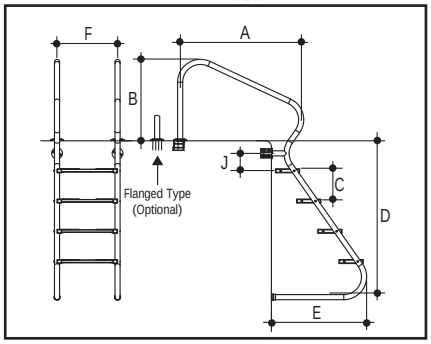
OVERFLOW



Number of Treads	A	B	C	D	E	F	J
2	1020	650	250	750	190	500	100
3	1020	650	250	1000	190	500	100
4	1020	650	250	1250	190	500	100
5	1020	650	250	1500	190	500	100

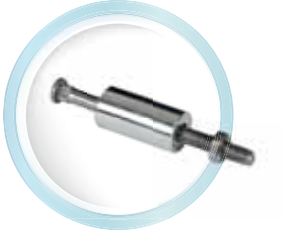


EASY ACCESS



Number of Treads	A	B	C	D	E	F	J
2	1020	670	250	770	440	500	150
3	1020	670	250	1020	615	500	150
4	1020	670	250	1270	790	500	150
5	1020	670	250	1520	965	500	150

500 mm width. The treads are made of AISI 316 grade stainless steel and feature anti-slip surface.
The handrails are made of Ø42 mm AISI 316 grade polished stainless steel pipe. Manufactured with double safety tread in accordance to EN 13451-2/AC standard. Complete with plastic anchors, anchor escutcheons, end caps, bolts and nuts.



Zinc Anode

ASYMMETRIC 316 MODEL WITH STAINLESS STEEL TREADS.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• With 2 Stainless Steel Treads	**0312811**	1		0,247
• With 3 Stainless Steel Treads	**0312812**	1		0,247
• With 4 Stainless Steel Treads	**0312813**	1		0,247
• With 5 Stainless Steel Treads	**0312814**	1		0,271

OVERFLOW 316 MODEL WITH STAINLESS STEEL TREADS.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• With 2 Stainless Steel Treads	**0312411**	1	12,500	0,247
• With 3 Stainless Steel Treads	**0312412**	1	13,700	0,247
• With 4 Stainless Steel Treads	**0312413**	1	15,100	0,247
• With 5 Stainless Steel Treads	**0312414**	1	17,000	0,271

EASY ACCESS 316 MODEL WITH STAINLESS STEEL TREADS.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• With 2 Stainless Steel Treads	**0312511**	1		
• With 3 Stainless Steel Treads	**0312512**	1		
• With 4 Stainless Steel Treads	**0312513**	1		
• With 5 Stainless Steel Treads	**0312514**	1		

PS: It is functional with an anchor suitable for ladder grounding.
For ladders with zinc anode protection, please add "Z" at end of product code.

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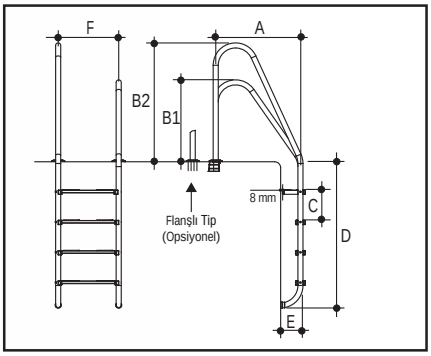
Pool Ladders - Commercial Pools





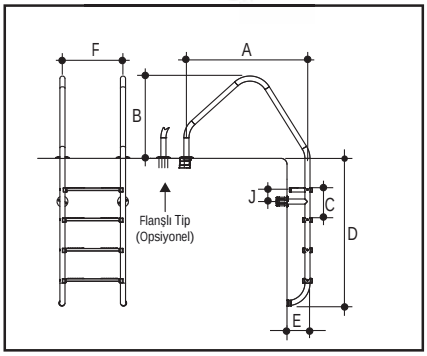


ASYMMETRIC



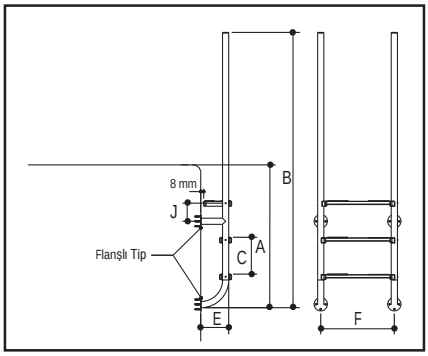
Number of Treads	A	B1	B2	C	D	E	F
2	700	670	965	250	720	180	500
3	700	670	965	250	980	180	500
4	700	670	965	250	1260	180	500
5	700	670	965	250	1470	180	500

OVERFLOW



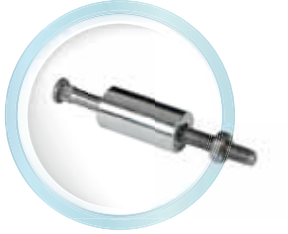
Number of Treads	A	B	C	D	E	F
2	1020	660	250	650	180	500
3	1020	660	250	900	180	500
4	1020	660	250	1240	180	500
5	1020	660	250	1425	180	500

DIRECT MODEL



Number of Treads	A	B	C	E	F	J
2	720	1620	250	190	500	120
3	970	1870	250	190	500	120
4	1220	2120	250	190	500	120
5	1470	2370	250	190	500	120

500 mm width. The treads are made of AISI 304 grade stainless steel and feature anti-slip surface.
The handrails are made of Ø42 mm AISI 304 grade polished stainless steel pipe.
Complete with plastic anchors, anchor escutcheons, end caps, bolts and nuts.
Manufactured with double safety tread in accordance to EN 13451-2/AC standard.



Zinc Anode

ASYMMETRIC 304 MODEL WITH STAINLESS STEEL TREADS - FOR PUBLIC POOLS.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• With 2 Stainless Steel Treads	**0311811EU**	1		
• With 3 Stainless Steel Treads	**0311812EU**	1		
• With 4 Stainless Steel Treads	**0311813EU**	1		
• With 5 Stainless Steel Treads	**0311814EU**	1		

OVERFLOW 304 MODEL WITH STAINLESS STEEL TREADS - FOR PUBLIC POOLS.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• With 2 Stainless Steel Treads	**0311411EU**	1	**13,700**	**0,247**
• With 3 Stainless Steel Treads	**0311412EU**	1	**14,900**	**0,247**
• With 4 Stainless Steel Treads	**0311413EU**	1	**17,300**	**0,247**
• With 5 Stainless Steel Treads	**0311414EU**	1	**19,200**	**0,271**

DIRECT MODEL 304 MODEL WITH STAINLESS STEEL TREADS - FOR PUBLIC POOLS.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• With 2 Stainless Steel Treads	**0311911EU**	1		
• With 3 Stainless Steel Treads	**0311912EU**	1		
• With 4 Stainless Steel Treads	**0311913EU**	1		
• With 5 Stainless Steel Treads	**0311914EU**	1		

PS: It is functional with an anchor suitable for ladder grounding.
For ladders with zinc anode protection, please add "Z" at end of product code.

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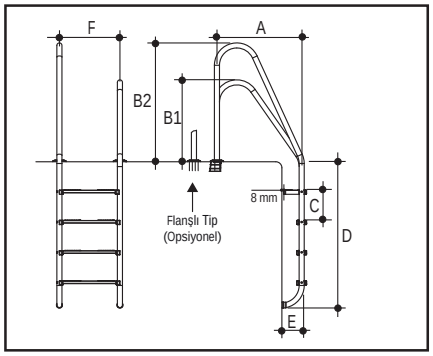
Pool Ladders - Commercial Pools





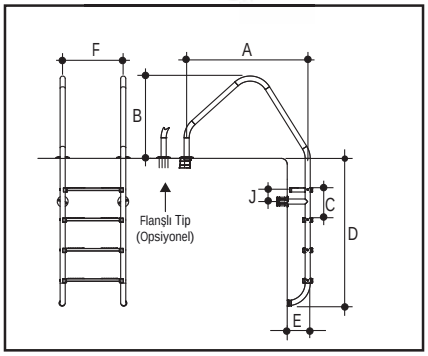


ASYMMETRIC



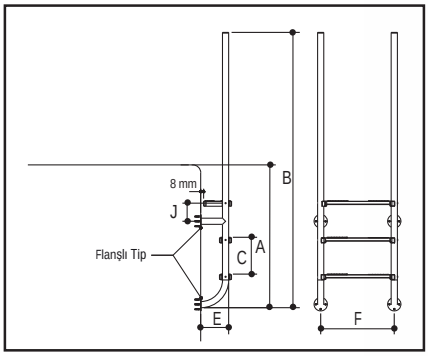
Number of Treads	A	B1	B2	C	D	E	F
2	700	670	965	250	720	180	500
3	700	670	965	250	980	180	500
4	700	670	965	250	1260	180	500
5	700	670	965	250	1470	180	500

OVERFLOW



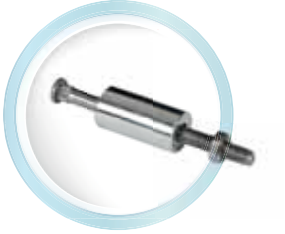
Number of Treads	A	B	C	D	E	F
2	1020	660	250	650	180	500
3	1020	660	250	900	180	500
4	1020	660	250	1240	180	500
5	1020	660	250	1425	180	500

DIRECT MODEL



Number of Treads	A	B	C	E	F	J
2	720	1620	250	190	500	120
3	970	1870	250	190	500	120
4	1220	2120	250	190	500	120
5	1470	2370	250	190	500	120

500 mm width. The treads are made of AISI 316 grade stainless steel and feature anti-slip surface.
The handrails are made of Ø42 mm AISI 316 grade polished stainless steel pipe.
Complete with plastic anchors, anchor escutcheons, end caps, bolts and nuts.
Manufactured with double safety tread in accordance to EN 13451-2/AC standard.



Zinc Anode

ASYMMETRIC 316 MODEL WITH STAINLESS STEEL TREADS - FOR PUBLIC POOLS.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• With 2 Stainless Steel Treads	**0312811EU**	1		
• With 3 Stainless Steel Treads	**0312812EU**	1		
• With 4 Stainless Steel Treads	**0312813EU**	1		
• With 5 Stainless Steel Treads	**0312814EU**	1		

OVERFLOW 316 MODEL WITH STAINLESS STEEL TREADS - FOR PUBLIC POOLS.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• With 2 Stainless Steel Treads	**0312411EU**	1	**14,100**	**0,247**
• With 3 Stainless Steel Treads	**0312412EU**	1	**15,300**	**0,247**
• With 4 Stainless Steel Treads	**0312413EU**	1	**16,700**	**0,247**
• With 5 Stainless Steel Treads	**0312414EU**	1	**19,600**	**0,271**

DIRECT MODEL 316 MODEL WITH STAINLESS STEEL TREADS - FOR PUBLIC POOLS.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• With 2 Stainless Steel Treads	**0312911EU**	1		
• With 3 Stainless Steel Treads	**0312912EU**	1		
• With 4 Stainless Steel Treads	**0312913EU**	1		
• With 5 Stainless Steel Treads	**0312914EU**	1		

PS: It is functional with an anchor suitable for ladder grounding.
For ladders with zinc anode protection, please add “Z” at end of product code.

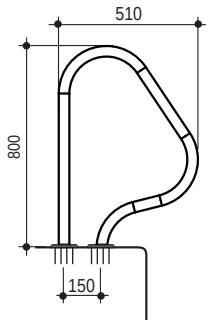
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Grab Rails for Split Model Pool Ladders



Steep Grab Rail: 510 x 800 mm. Made of Ø42 mm AISI 304 stainless steel pipe. Complete with fixing plates, bolts and bolt plugs.

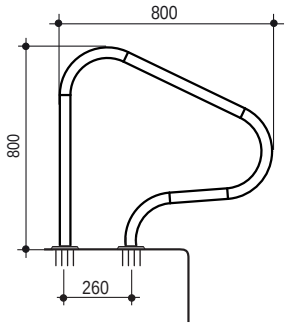
Description	Code	Pieces/ box	Weight Kg	Volume m^3
Set of 2	**03322**	1	**5,000**	**5,000**





Deep Grab Rail: 800 x 800 mm. Made of Ø42 mm AISI 304 stainless steel pipe. Complete with fixing plates, bolts and bolt plugs.

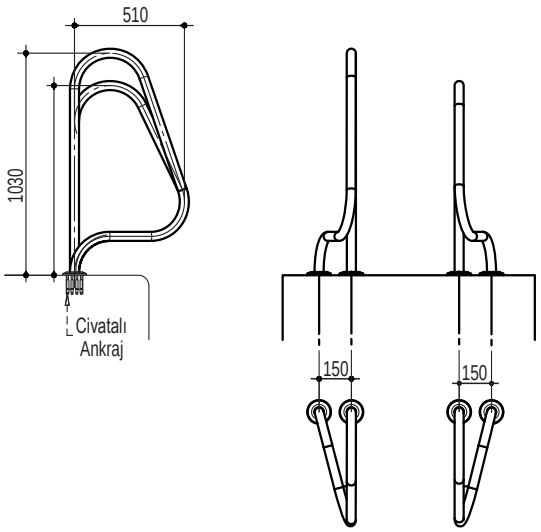
Description	Code	Pieces/ box	Weight Kg	Volume m^3
Set of 2	**03323**	1	**5,000**	**5,000**





Cross Grab Rail: Ø42 mm. Made of Ø42 mm AISI 304 stainless steel pipe. Complete with monoblock rectangular fixing plate, bolts and bolt plugs.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
Set of 2	**03324**	1	**5,000**	**5,000**



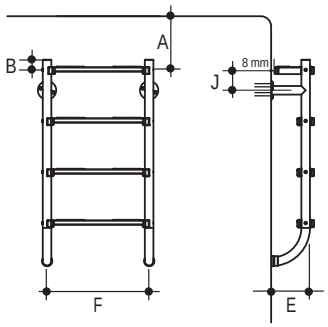
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Pool Ladders

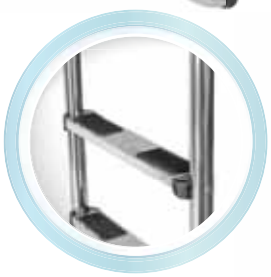
SPLIT 304 MODEL WITH STAINLESS STEEL TREADS.

500 mm width. Treads in AISI 304 grade stainless steel and anti-slip. Handrails made of Ø42 mm pipe are in AISI 304 grade polished stainless steel. Complete with plastic anchors, anchor escutcheons, end caps, bolts and nuts.

Number of Treads	A	B	C	E	F	J
2	250	50	250	190	500	100
3	250	50	250	190	500	100
4	250	50	250	190	500	100
5	250	50	250	190	500	100







Description	Code	Pieces/ box	Weight Kg	Volume m^3
• With 2 Stainless Steel Treads	**0311711**	1	**12,500**	**0,247**
• With 3 Stainless Steel Treads	**0311712**	1	**13,700**	**0,247**
• With 4 Stainless Steel Treads	**0311713**	1	**15,100**	**0,247**
• With 5 Stainless Steel Treads	**0311714**	1	**17,000**	**0,271**

SPLIT 316 MODEL WITH STAINLESS STEEL TREADS.

500 mm width. Treads in AISI 316 grade stainless steel and anti-slip. Handrails made of Ø42 mm pipe are in AISI 316 grade polished stainless steel. Complete with plastic anchors, anchor escutcheons, end caps, bolts and nuts.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• With 2 Stainless Steel Treads	**0312711**	1	**12,500**	**0,247**
• With 3 Stainless Steel Treads	**0312712**	1	**13,700**	**0,247**
• With 4 Stainless Steel Treads	**0312713**	1	**15,100**	**0,247**
• With 5 Stainless Steel Treads	**0312714**	1	**17,000**	**0,271**





SPLIT 304 MODEL WITH STAINLESS STEEL TREADS - FOR PUBLIC POOLS.

500 mm width. Treads in AISI 304 grade stainless steel and anti-slip. Handrails made of Ø42 mm pipe are in AISI 304 grade polished stainless steel. Complete with plastic anchors, anchor escutcheons, end caps, bolts and nuts. Manufactured with double safety tread in accordance to EN 13451- 2/AC standard.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• With 2 Stainless Steel Treads	**0311711EU**	1	**12,900**	**0,247**
• With 3 Stainless Steel Treads	**0311712EU**	1	**14,100**	**0,247**
• With 4 Stainless Steel Treads	**0311713EU**	1	**15,500**	**0,247**
• With 5 Stainless Steel Treads	**0311714EU**	1	**17,400**	**0,271**

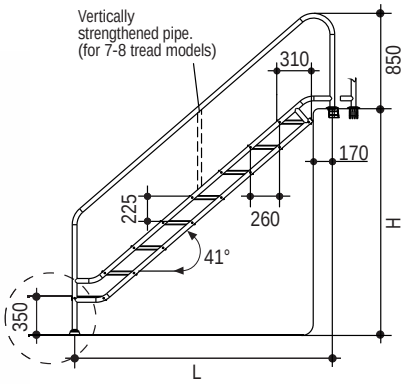
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Pool Ladders for Disabled Persons



INCLINED 304 MODEL STAINLESS STEEL POOL LADDER - WIDTH = 500 mm.

For easy entry and exit in to and out from leisure or hydrotherapy pools for people not requiring a hydraulic lift chair. Handrails made of Ø42 mm pipe are in AISI 304 grade polished stainless steel. Complete with anti-slip stainless steel treads plastic anchors, anchor escutcheons, end caps, bolts and nuts.



Number of Treads	Height H	Length L
4	950 - 1150	1290
5	1175 - 1375	1550
6	1400 - 1600	1810
7	1625 - 1825	2070
8	1850 - 2050	2330



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• With 4 Stainless Steel Treads	**0311611**	1		
• With 5 Stainless Steel Treads	**0311612**	1		
• With 6 Stainless Steel Treads	**0311613**	1		
• With 7 Stainless Steel Treads	**0311614**	1		
• With 8 Stainless Steel Treads	**0311615**	1		

PS: For 316 stainless steel P.A.P.

INCLINED 304 MODEL STAINLESS STEEL POOL LADDER - WIDTH = 970 mm.

For easy entry and exit in to and out from leisure or hydrotherapy pools for people not requiring a hydraulic lift chair. Handrails made of Ø42 mm pipe are in AISI 304 grade polished stainless steel. Complete with anti-slip stainless steel treads plastic anchors, anchor escutcheons, end caps, bolts and nuts.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• With 4 Stainless Steel Treads	**0311621**	1		
• With 5 Stainless Steel Treads	**0311622**	1		
• With 6 Stainless Steel Treads	**0311623**	1		
• With 7 Stainless Steel Treads	**0311624**	1		
• With 8 Stainless Steel Treads	**0311625**	1		

PS: For 316 stainless steel P.A.P.

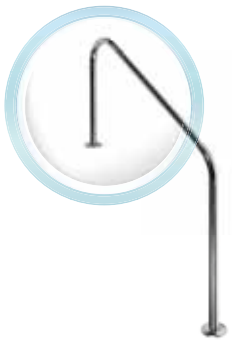




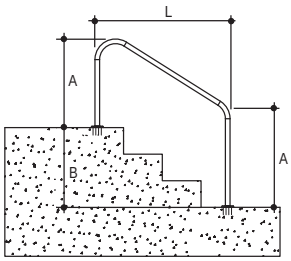
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Handrails for Concrete Steps

IN-POOL HANDRAIL. Made of AISI 304 grade polished stainless steel Ø42 mm pipe. Complete with fixing plates and screws.

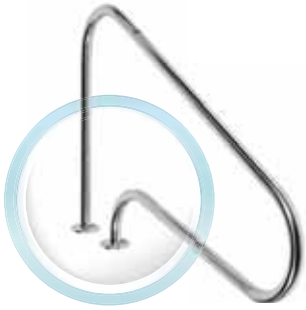


Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Length: 1220 mm	**03311**	1	**7,000**	**0,237**
• Length: 1524 mm	**03312**	1	**8,000**	**0,261**

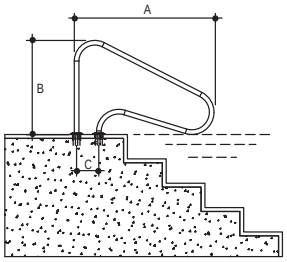


L	A	B
1220	800	680
1524	800	855

OUT-POOL HANDRAIL. Made of AISI 304 grade polished St. steel Ø42 mm pipe. Complete with fixing plates and screws.

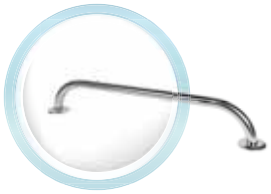


Description	Code	Pieces/ box	Weight Kg	Volume m^3
Length: 1250 mm	**03321**	1	**5,000**	**0,060**



A	B	C
1250	850	200

LATERAL GRAB RAIL WITH FIXING PLATES. Made of AISI 304 grade polished stainless steel Ø42 mm pipe. Complete with fixing plates and screws.

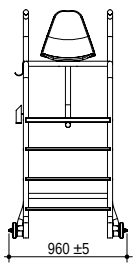


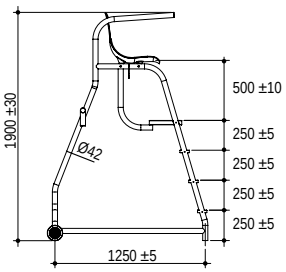
Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Length: 0.5 m	**03331**	1	**2,000**	**0,019**
• Length: 1.0 m	**03332**	1	**3,000**	**0,037**
• Length: 2.0 m	**03333**	1	**7,500**	**0,072**
• Length: 2.5 m	**03334**	1	**9,000**	**0,089**

LIFEGUARD SEAT.
AISI 304 grade polished stainless steel Ø42 mm pipe.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
Model 2	**14671**	1		





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Ladder Accessories



LADDER ANCHOR. Made of plastic for Ø42 mm pipe, grounding connection is optional.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Solid plastic for Ø42 mm pipe.	**03201**		**0,142**	
• Stainless steel anchor	**03201S**			
• Ditto, 316 K	**03201S01**			

PS: Please place special order for anchor models with ground connection.



ANCHOR ESCUTCHEON

Description	Code	Pieces/ box	Weight Kg	Volume m^3
Made of AISI 304 grade polished stainless steel, price per piece	**032021**			



LADDER TREADS

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Made of AISI 304 St. steel with anti-slip pad for Ø42 mm handrails, width 500 mm	**032031**	**1**		
• Ditto, Inclined	**0320311**	**1**		
• Made of AISI 304 St. steel with anti-slip pad for Ø38 mm handrails, width 500 mm	**032032**	**1**		
• Ditto, Inclined	**0320321**	**1**		
• Double Tread.Made of AISI 304 St. steel with anti-slip pad for Ø42 mm handrails, width 500 mm	**032033**	**1**		
• Ditto, Inclined	**0320331**	**1**		



ARTICULATED ANCHOR

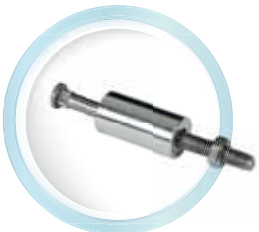
Description	Code	Pieces/ box	Weight Kg	Volume m^3
Made of AISI 304 grade St.steel for Ø42 mm handrails. Price per piece	**03210**		**0,602**	



03204 03205

END CAP

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Flexible for Ø42 mm pipe. Price per piece	**03204**			
• Swivel foot pad for Ø42 mm pipe. Angle can be adjusted by rotating the eye ball socket. Price per piece	**03205**			



ZINC ANODE FOR LADDER PROTECTION

Description	Code	Pieces/ box	Weight Kg	Volume m^3
Made of pure Zinc to be mounted under ladder step	**03208**			

PS: It is functional with an anchor suitable for ladder grounding.

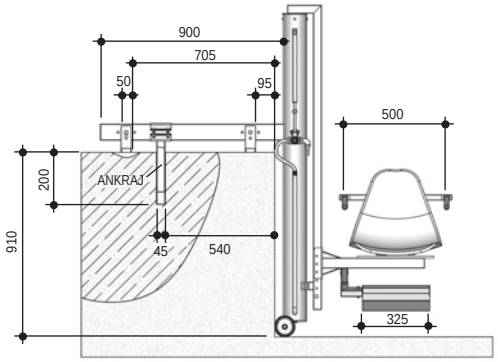
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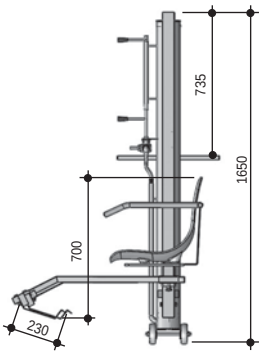
Pool Lift for Disabilities

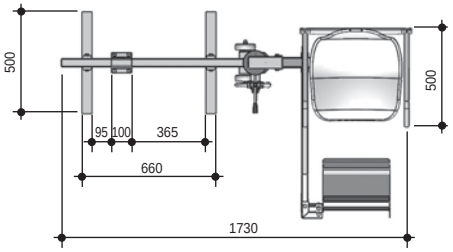
Pool lift for disabilities: Hydraulic lift made of AISI 316 stainless steel. Garden irrigation hose has to be connected to hydraulic lift. Required minimum water pressure is 3,5 kg/cm². User friendly installation and can easily be adapted to existing pool.

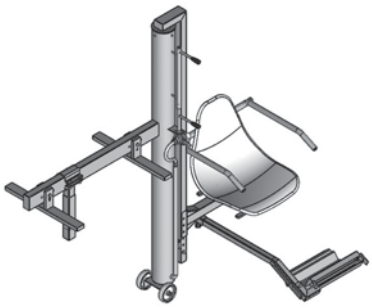


Description	Code	Pieces/ box	Weight Kg	Volume m^3
Pool lift for disabilities	**04101**	1		







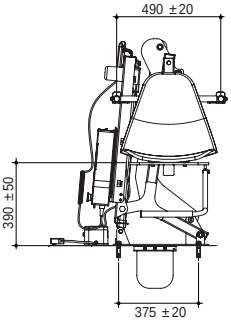


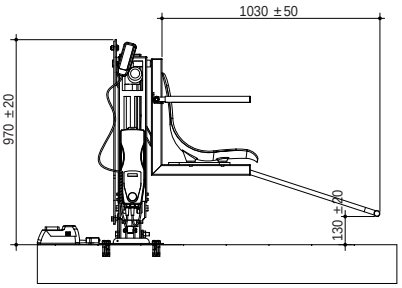
Disabled Lift Rechargeable

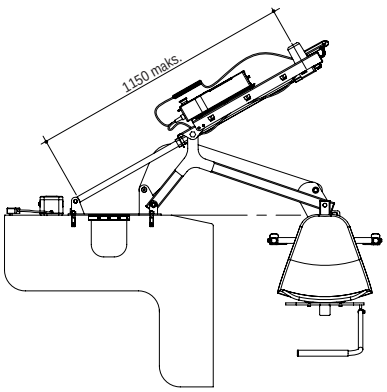
Disabled Lift Rechargeable: The stainless steel rechargeable disabled elevator is crafted from high-quality materials with specific features for enhanced functionality and durability. Key attributes include corrosion resistance to water and high temperatures, a rechargeable and removable battery system, a digital battery charge indicator for user awareness, and a convenient charging device. The elevator is designed for practical installation, easily adaptable to existing pool systems. Overall, it presents a reliable, long-lasting, and user-friendly solution.

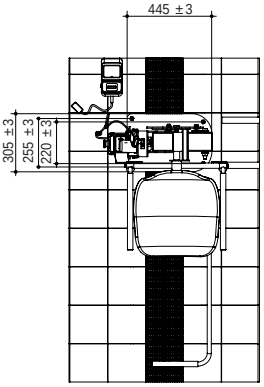


Description	Code	Pieces/ box	Weight Kg	Volume m^3
Disabled Lift Rechargeable	**04104**	1		









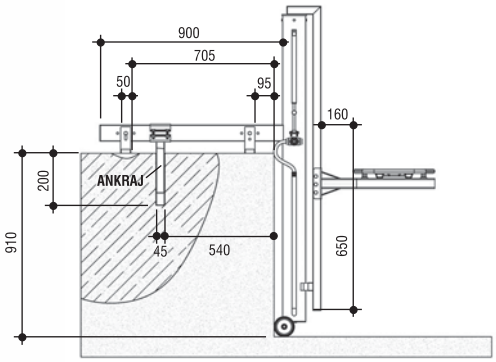
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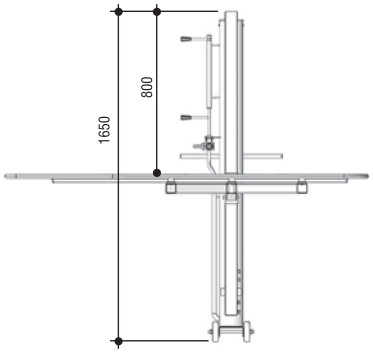
Pool Lift for Disabilities - Stretcher

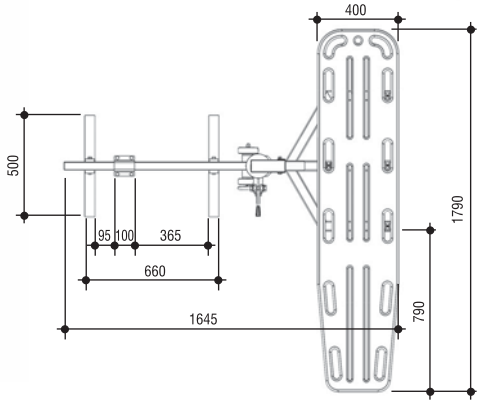


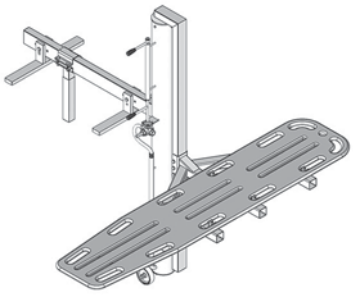
Pool lift for disabilities: Hydraulic lift made of AISI 304 stainless steel. Garden irrigation hose has to be connected to a hydraulic lift. Required minimum water pressure is 3,5 kg/cm². User friendly installation and can easily be adapted to an existing pool.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
Pool lift for disabilities - Stretcher	**04103**	1		

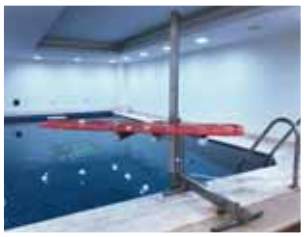




















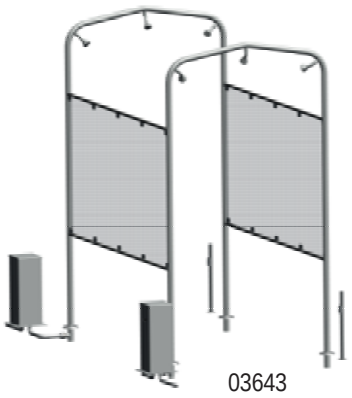


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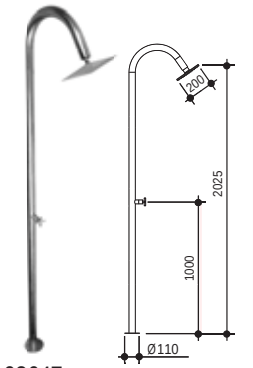
Pool Showers

Shower Tunnels. For public pools, made of AISI 304 stainless steel. Complete with photocell and solenoid valve, associated with control column.

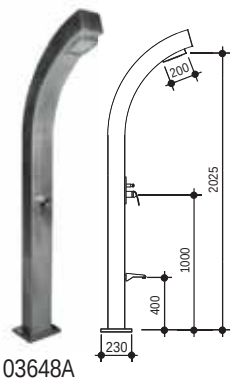
Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 3 Shower 1 arch. Width: 1,2 m	**03641**	1		
• 5 Shower 1 arch. Width: 1,2 m	**03642**	1		
• 2 Arched. Each arch has 3 showers	**03643**	1		
Width:1,2 m, Lateral acrylic transparent panels, Maximum height: 2,5 m, Lenght: 2,1 m				
Stainless Steel Showers				
• Single shower, box profile body	**03645**	1		
• Same, also with foot washing tap.	**03645A**	1		
• Cobra shower, with foot washing tap.	**03648A**	1		
• Single head shower, baston type.	**03647**	1		
• 4 head shower, with foot washing tap.	**03644**	1		
• Same, with electric heater, hot and cold water mixing possible.	**03656**	1		



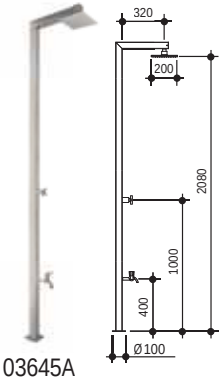
03643



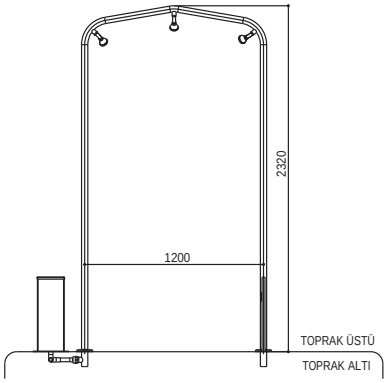
03647



03648A



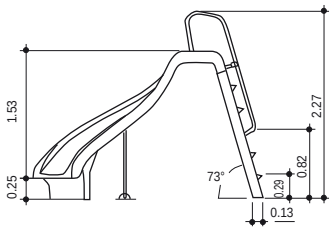
03645A



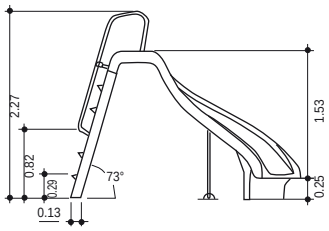
Pool Slides

SLIDES. Pool slide made of FRP. Complete with the hose system to connect to the pool supply line. Handles are AISI 304 grade stainless steel.

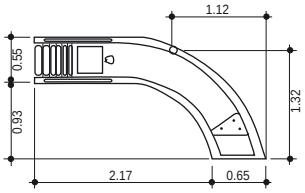
Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Slide, curved to left	**03520**	1	83,000	2,913
• Slide, curved to right	**03521**	1	83,000	2,913



Slide, curved to left



Slide, curved to right





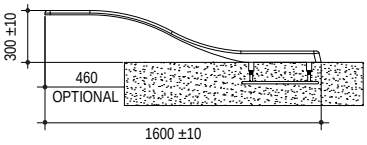
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Diving Boards

S - DIVING BOARD Made in laminated polyester and fiberglass.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Length: 1.60 m - Height: 0.35 m	**03410**	1	23,000	0,107

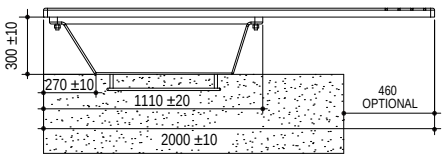


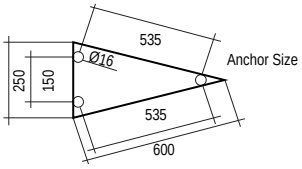


CLASSIC 200 DIVING BOARD Base and board made in laminated polyester and fiberglass.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Length: 2.00 m - Height: 0.35 m - Width : 0.40 m	**03420**	1	29,000	0,196



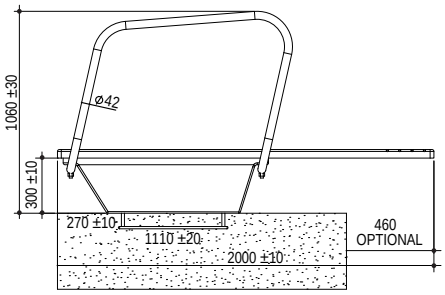


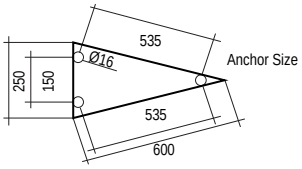


CLASSIC 200 HR DIVING BOARD Base and board made in laminated polyester and fiberglass. Complete with stainless steel handrails.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Length: 2.00 m - Height: 0.35 m - Width : 0.40 m	**03430**	1	39,000	







Stainless Steel Maintenance and Cleaning Chemicals

Complete box set including cleaning sponge and plastic gloves. Can be used for any kind of stainless steel.

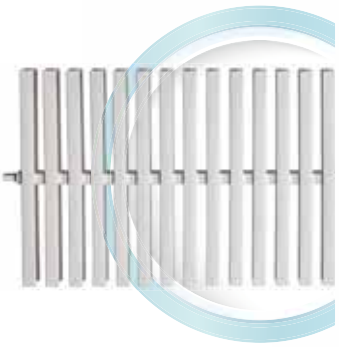
Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Kit 1, Rust Remover + Protector	**031001**	1		
• Kit 2, Rust Remover + Protector + Polisher	**031002**	1		





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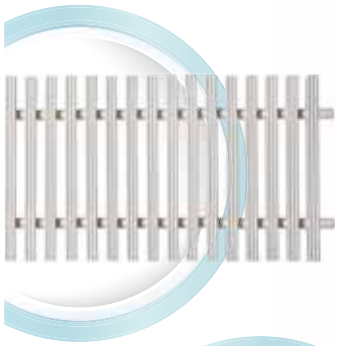
Overflow Grating



"MODEL 2018" Overflow Grating

Made of PP plastic; modular with a single joint. **"I"** shaped profile. Height: 33 mm.

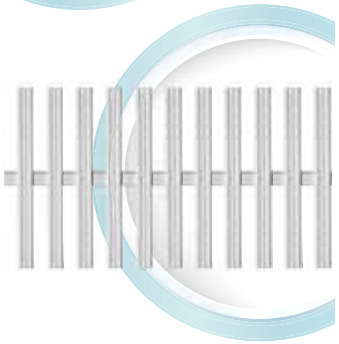
Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Width: 20 cm (price per meter)	**0372232**	5 m		
• Width: 25 cm (price per meter)	**0372332**	5 m		



MODEL 2001 OVERFLOW GRATING - DOUBLE JOINT

Made of PP plastic; modular with two joints. **"I"** shaped profile.
Height: 25 mm. Price per meter.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Classical Design Width: 20 cm	**0372221**	10 m	13,000	0,062
• Classical Design Width: 25 cm	**0372321**	10 m	13,000	0,062
• Classical Design Width: 30 cm	**0372421**	10 m	13,500	



MODEL 2001 OVERFLOW GRATING - SINGLE JOINT

Made of PP plastic; modular with single joint. **"I"** shaped profile.
Height: 25 mm. Price per meter.

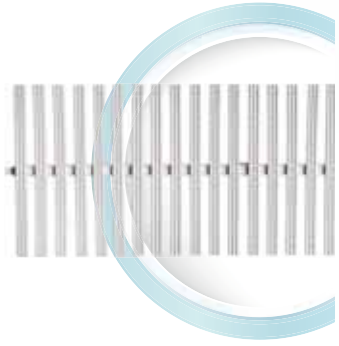
Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Classical Design Width: 15 cm	**0372211**	10 m	11,900	0,044
• Classical Design Width: 20 cm	**0372212**	10 m	11,500	0,062
• Classical Design Width: 25 cm	**0372312**	10 m	13,100	0,062



"MODEL GEMAS-FUTURO" OVERFLOW GRATING

Modular, plastic product. Adaptable to all types of pool shapes.
Height: 25 mm. Price per meter.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
Modular Plastic Width: 20 cm	**037321K**	10 m	15,400	0,067



"MONOBLOCK" Overflow Grating

Single Joint. six pieces, **"T"** shaped plastics, grating height: 22 mm. Price per meter.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Width: 20 cm	**037321**	10 m	11,700	0,062
• Width: 25 cm	**037331**	10 m	18,320	0,061

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Overflow Grating





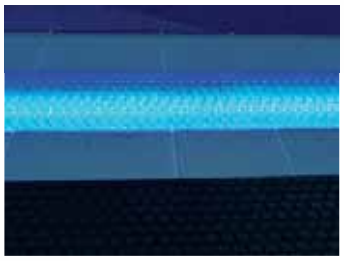
"MODEL GEMAS SQUARE" OVERFLOW GRATING

Plastic modular, single joint. **"I"** shaped profile. Height: 25 mm.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Width: 20 cm (price per meter)	**0372212K**	1	14,000	0,051
• Width: 25 cm (price per meter)	**0372213K**	1	19,050	0,051

Overflow - For Strip Led Implementation





"Model GEMAS - Transparent Squared" Overflow Grating

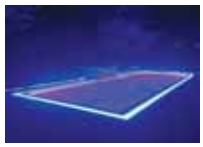
Made of polycarbonate, modular with single joint. **"I"** shaped profile. Squared upper surface. Height: 25 mm. Designed for strip LED implementation inside the overflow grating channel (It's recommended to use IP68 strip LED)

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Width: 20 cm (price per meter)	**0372212KT**	1	14,000	0,051
• Width: 25 cm (price per meter)	**0372213KT**	1	19,050	0,051

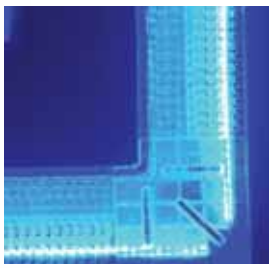








Corner Tiles for Overflow Grating



CORNER TILES 90° PLASTIC.

Corner Tile made of PP plastic for an angle of 90 Degrees.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 25 cm	**037431**	20	9,960	0,048
• 20 cm	**037421**	25	8,800	0,038
• 25 cm - Transparent	**037431T**	20		
• 20 cm - Transparent	**037421T**	25		
• 15 cm	**037411**	20	4,438	0,019
• 25 cm H:33 mm	**037434**	20		
• 20 cm H:33 mm	**037433**	25		
• 30 cm	**037413**			



037434
037433



CORNER TILES 45° PLASTIC.

Corner Tile made of PP plastic for an angle of 45 Degrees.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 25 cm H:33 mm	**037432**	20	6,950	0,042
• 20 cm H:33 mm	**037422**	20	4,470	0,028
• 25 cm - Transparent	**037432T**	20		
• 20 cm - Transparent	**037422T**	20		
• 15 cm	**037412**	10	1,636	0,008
• 30 cm	**037414**			

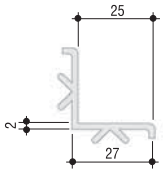


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Grating Support Profile

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Overflow Support Profile	**03750**	100 m	18,170	0,051
PVC, 23 x 26 mm (Price per meter)		(2 m x 50)		
• Same, 33 x 25 mm (Price per meter)	**03751**	100 m (2 m x 50)		





Strainer for Overflow Gutter Drain

Made in stainless steel adjustable to drain pipes in gutter.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• for Ø63 mm pipe	**03801**	1		
• for Ø75 mm pipe	**03802**	1		
• for Ø90 mm pipe	**03803**	1		
• for Ø110 mm pipe	**03804**	1		
• Plastic - for up to Ø110 mm pipe	**03811**	1		



OVERFLOW GUTTER DRAIN.
Made of white ABS plastic. 2,5" male - threaded, Ø63 mm inside.
Stainless steel screws included.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	04150	50	11,000	0,067



Foot Bath

Foot washing bath, made of fiberglass reinforced polyester, for disinfection of feet before entering pool.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 52,50 x 37,50 x 8,75 cm	**03900**	1	1,270	0,021
• 85,00 x 65,00 x 9,00 cm	**03902**	1		
• 120,00 x 80,00 x 9,00 cm	**03901**	1		





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Hatch for Engine Room

Hatch for engine room: Made of FRP, plastic hinged lid complete with steel reinforcements and locking mechanism.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 50 x 50 cm	**03911**	1	7,000	0,040
• 75 x 75 cm	**03912**	1	14,000	0,080
• 100 x 100 cm	**03913**	1	19,000	0,140

CODE	Inner Size (cm)	Outer Size (cm)
03911	50 x 50	66 x 66
03912	75 x 75	88 x 88
03913	100 x 100	123 x 123



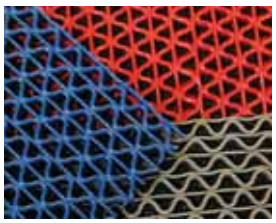
Double piston





Inox handle with key lock

Pool Side Anti Slip MAT







Plastic anti slip MAT for pool decks. Width: 0,9 m. 15 m rolled.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Red. Price per meter	**03011**	1 Roll		
• Blue. Price per meter	**03012**	1 Roll		
• Green. Price per meter	**03013**	1 Roll		



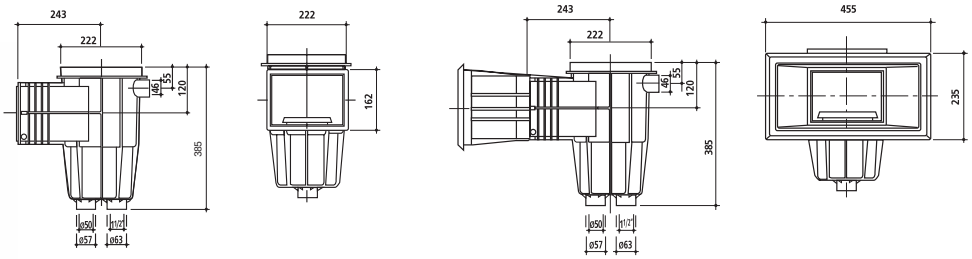
I.T.U. Olympic Pool / Istanbul

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Skimmers for Concrete Pools

All skimmer models are made in ABS plastic and equipped with “suction regulator” and locking mechanism of baskets against back pressure. Skimming by **“buoy float”** or **“floating weir”.** Suction port: 1,5" female threaded (2" also possible upon request), Ø63 mm external slip. Second port: Ø50 mm female slip. Overflow drainage: Ø40 mm female slip.





Description	Code	Pieces/ box	Weight Kg	Volume m^3
Standard				
• Standard squared lid skimmer	**04111**	1	3,036	0,054
• Ditto, w/floating weir	**04111FW**	1	2,840	0,054



Description	Code	Pieces/ box	Weight Kg	Volume m^3
Extended Throat (+10 cm)				
• Standard extended	**04111E**	2	6,372	0,107
• Ditto, w/floating weir	**04111EFW**	2	5,942	0,107



Description	Code	Pieces/ box	Weight Kg	Volume m^3
Wide Mouth				
• Wide mouth squared lid skimmer	**04112**	2	8,000	0,137
• Ditto, w/floating weir	**04112FW**	2	7,524	0,137

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In-Pool Materials

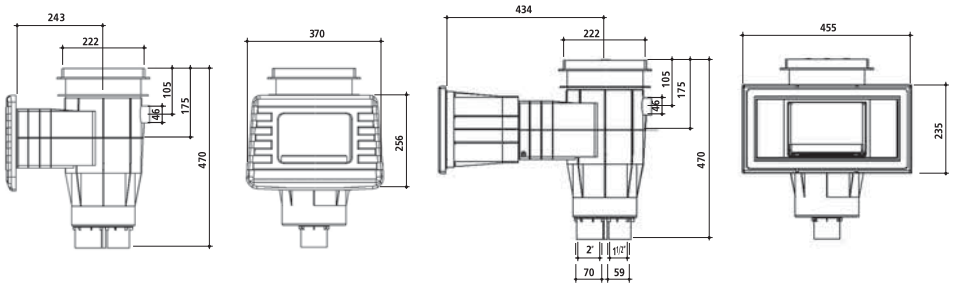
Lux-Skimmers for Concrete Pools

All Lux-Skimmer models are made of ABS plastic and equipped with "suction regulator" and locking mechanism of baskets against back pressure. Skimming by **"buoy float"** or **"floating weir"**. Suction port: 2" female threaded. Second port: 1,5" female threaded supplied with blind cap. Overflow drainage: Ø40 mm female slip.



Additional Features:

- Child-proof decklid features safety locking mechanism.
- Extension collar allows for correction with uneven deck finishes.
- Locking basket design prevents basket floating due to back pressure.
- Locking vacuum adapter prevents adapter plate floating during suction cleaning.
- Extended throat facilitates convenient installation in the pool wall (Optional).
- Aesthetic face plate in the pool.





Locked basket datail

Description	Code	Pieces/ box	Weight Kg	Volume m^3
Lux Standard				
• Mouth squared lid skimmer	**04121**	2	6,954	0,137
• Ditto, w/floating weir	**04121FW**	2	6,530	0,137



Lockable lid for child protection

Description	Code	Pieces/ box	Weight Kg	Volume m^3
Lux Extended Throat (+10 cm)				
• Lux standard extended	**04121E**	2	4,350	0,108
• Ditto, w/floating weir	**04121EFW**	2	4,150	0,108



Description	Code	Pieces/ box	Weight Kg	Volume m^3
Lux Wide Mouth				
• Lux wide mouth squared lid skimmer	**04122**	2	4,610	0,108
• Ditto, w/floating weir	**04122FW**	2	4,378	0,108



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Elevated Wide Mouth Skimmers for Concrete Pools



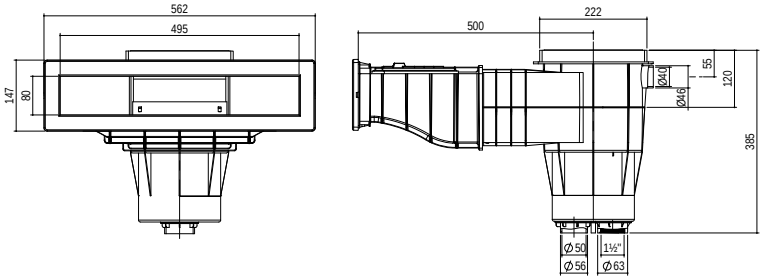
Elevated Skimmer raises the pool water level by 5 cm compared to normal skimmers.
All skimmer models are made in ABS plastic and equipped with "suction regulator"and locking mechanism of baskets against back pressure. Skimming by **"buoy float"** or **"floating weir".** Suction port: 1,5" female threaded (2" also possible upon request), Ø63 mm external slip. Second port: Ø50 mm female slip. Overflow drainage: Ø40 mm female slip.



Elevated wide mouth for high water level

Description	Code	Pieces/ box	Weight Kg
• Elevated Standard Wide Mouth Skimmer	**04115FW**	1	
• Complete Elev. Std. Wide Skimmer Anthracite - RAL 7016	**04115FWA**	1	
• Complete Elev. Std. Wide Skimmer Beige - RAL 1015	**04115FWB**	1	
• Complete Elev. Std. Wide Skimmer Gray - RAL 7004	**04115FWG**	1	

PS: Full colored products can be ordered by adding "A" for Anthracite, "B" for Beige, "G" for Grey.
Prices will be 30% more expensive. See RAL codes aside. RAL 7016 RAL 1015 RAL 7004



Lux-Elevated Wide Mouth Skimmers for Concrete Pools



All Lux-Skimmer models are made of ABS plastic and equipped with "suction regulator" and locking mechanism of baskets against back pressure. Skimming by **"buoy float"** or **"floating weir"**. Suction port: 2" female threaded. Second port: 1,5" female threaded supplied with blind cap. Overflow drainage: Ø40 mm female slip.

Additional Features:
• Child-proof decklid features safety locking mechanism. • Extension collar allows for correction with uneven deck finishes. • Locking basket design prevents basket floating due to back pressure. • Locking vacuum adapter prevents adapter plate floating during suction cleaning. • Extended throat facilitates convenient installation in the pool wall (Optional).

RAL 7016



RAL 1015

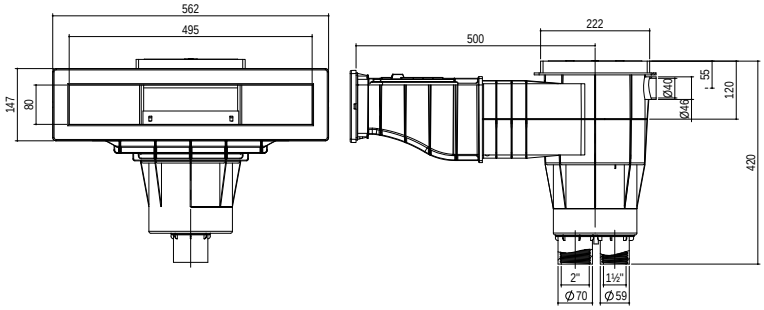


RAL 7004



Description	Code	Pieces/ box	Weight Kg
• Elevated Standard Wide Mouth Skimmer	**04125FW**	1	
• Complete Elev. Lux Wide Skimmer Anthracite - RAL 7016	**04125FWA**	1	
• Complete Elev. Lux Wide Skimmer Beige - RAL 1015	**04125FWB**	1	
• Complete Elev. Lux Wide Skimmer Gray - RAL 7004	**04125FWG**	1	

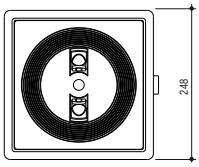
PS: Full colored products can be ordered by adding "A" for Anthracite, "B" for Beige, "G" for Grey.
Prices will be 30% more expensive. See RAL codes aside. RAL 7016 RAL 1015 RAL 7004

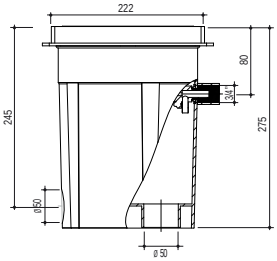


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Skimmers - Level Regulator

Automatic Level Regulator. Body is made of ABS plastic. Complete with 3/8" plastic floating valve and Ø50 mm PVC slip connection, either side or bottom alternatively.











Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Automatic Level Regulator	**04120**	1	1,600	0,021
• Ditto, with locking decklid	**04120L**	1	1,650	0,021

Skimmers - Optional Parts

Face Plate for Concrete or Liner Standard Skimmer. Made of ABS plastic.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Face Plate Skimmer Standard	**0412102**	1	0,300	0,003
• Face Plate Skimmer Anthracite - RAL 7016	**0412102A**	1	0,300	0,003
• Face Plate Skimmer Beige - RAL 1015	**0412102B**	1	0,300	0,003
• Face Plate Skimmer Gray - RAL 7004	**0412102G**	1	0,300	0,003

PS: Full colored products can be ordered by adding "A" for Anthracite, "B" for Beige, "G" for Grey.
Prices will be 30% more expensive. See RAL codes aside. RAL 7016 RAL 1015 RAL 7004

Skimmer Extension Collar. Made of ABS plastic for 4,5 cm vertical modular extension.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Skimmer Extension Collar	**04111E01**	1	0,188	0,003
• Skimmer Extension Collar Anthracite - RAL 7016	**04111E01A**	1	0,188	0,003
• Skimmer Extension Collar Beige - RAL 1015	**04111E01B**	1	0,188	0,003
• Skimmer Extension Collar Gray - RAL 7004	**04111E01G**	1	0,188	0,003

PS: Full colored products can be ordered by adding "A" for Anthracite, "B" for Beige, "G" for Grey.
Prices will be 30% more expensive. See RAL codes aside. RAL 7016 RAL 1015 RAL 7004

Skimmer Horizontal Extension. Made of ABS plastic. Compatible with all GEMAS skimmer models. Extends each model by 10,5 cm.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
Skimmer Horizontal Extension	**04111E10**	1		

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Skimmers - Optional Parts





Skimmer Angle Horizontal Extension.
Made of ABS plastic. Compatible with all GEMAS skimmer models. Each model (models can be added together) provides 30 mm extension in the middle axis and 5° inclined pool surface adaptations designed for polyester and slope pools.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	04111E03	1		

PS: Full colored products can be ordered by adding "A" for Anthracite, "B" for Beige, "G" for Grey.
Prices will be 30% more expensive. See RAL codes aside. RAL 7016 RAL 1015 RAL 7004



Decklid with Safety Locking Mechanism. Made of ABS plastic.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	0412101	1		

PS: Full colored products can be ordered by adding "A" for Anthracite, "B" for Beige, "G" for Grey.
Prices will be 30% more expensive. See RAL codes aside. RAL 7016 RAL 1015 RAL 7004



Buoy Float. Made of ABS plastic. Complete with the ring.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	04110BF	1	0,364	0,006

PS. Designed for replacing skimmer floating weir. Releases trapped debris when the pump stops.

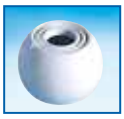
Return Inlets (Concrete Pools) - ABS



Wall Inlet for Concrete Pools.
Injected of white ABS plastic with adjustable ball for alternative discharges.

Breaking tool





Ø14 mm ball 3 m³/h
Ø20 mm ball 5 m³/h
Ø25 mm ball 7 m³/h



04131S1

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 2" Male Threaded : Ø50 mm internal slip connection.	**04131T**	10	1,000	0,006
• 2" Slip to be glued inside Ø63 mm (10 atm) pipe.	**04131S**	10	1,000	0,006
• 1,5" Slip to be glued inside Ø50 mm (10 atm) pipe.	**04131S1**			
• Breaking Tool	**04131T05**			

PS: Full colored products can be ordered by adding "A" for Anthracite, "B" for Beige, "G" for Grey.
Prices will be 30% more expensive. See RAL codes aside. RAL 7016 RAL 1015 RAL 7004

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Return Inlets (Concrete Pools) - ABS

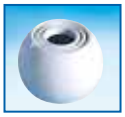
Wall Inlet for Concrete Pools, according to EU 13451-1/4.8.3 Injected of white ABS plastic with protection and adjustable ball for alternative discharges.





Breaking tool





Ø14 mm ball 3 m³/h
Ø20 mm ball 5 m³/h
Ø25 mm ball 7 m³/h

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 2" Male Threaded : Ø50 mm internal slip connection.	**04131TP**	10	1,100	0,006
• 2" Slip to be glued inside Ø63 mm (10 atm) pipe.	**04131SP**	10	1,060	0,006

PS: Full colored products can be ordered by adding "A" for Anthracite, "B" for Beige, "G" for Grey.
Prices will be 30% more expensive. See RAL codes aside. RAL 7016 RAL 1015 RAL 7004

Suction Inlet for Concrete Pools.





04134S1

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 2" Male Threaded : Ø50 mm internal slip connection.	**04134T**	10	0,900	0,006
• 2" Slip to be glued inside Ø63 mm (10atm) pipe.	**04134S**	10	0,900	0,006
• Slip to be glued inside Ø50 mm (10atm) pipe.	**04134S1**			

PS: Full colored products can be ordered by adding "A" for Anthracite, "B" for Beige, "G" for Grey.
Prices will be 30% more expensive. See RAL codes aside. RAL 7016 RAL 1015 RAL 7004

Wall Conduit for Concrete Pools. Injected of white ABS plastic. Pipe connection side is Ø63 mm externally and Ø50 mm internally. Overall length is 30 cm.





Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 2" Male Threaded: Pool side 2" Female thr.	**04160T**	20	8,700	0,060
• Ditto, with nozzle seat	**04260T1**			
• Ditto, back outlet 2" Male threaded	**04160T1**	20	8,700	0,060
• Ditto, with Protection plugs	**04160TP**	20	9,200	0,014
• Pool side for slip connection. (i.e same size with internal dia of Ø63 mm (10atm) PVC pipe.)	**04160S**	20	8,700	0,060

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Return Inlets (Concrete Pools) - ABS





Floor Inlet - Adjustable for Concrete Pools. Injected of white ABS plastic, according to EU 13451-¼.8.3" male threaded, Ø50 mm internal slip connection. Discharge can be regulated by means of an inner lid which can be screwed up and down.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Flat Lid - 2" Male Threaded	**04132TF**	8	1,430	0,006
• Flat Lid - Slip, to be glued inside Ø63 mm (10 atm) pipe.	**04132SF**	8	1,400	0,006
• Conical Lid - 2" Male Threaded	**04132TC**	8	1,300	0,006
• Conical Lid - Slip, to be glued inside Ø63 mm (10 atm) pipe.	**04132SC**	8	1,600	0,006

CD



04133T

AD



04132S4 - 04133S1

Floor Inlet - Adjustable (AD) and Constant (CD) Discharge for Concrete Pools. Made of ABS plastic. Distributes water at an angle of 45°. All slip connections are for 10 atm PVC pipes.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 2" Male Threaded - CD	**04133T**	10	0,930	0,007
• Ditto, AD	**04133T4**			
• 2" Slip - CD	**04133S**	10	0,912	0,007
• Ditto, AD	**04132S4**			
• 1,5" Slip - CD	**04133S1**			

PS: Full colored products can be ordered by adding "A" for Anthracite, "B" for Beige, "G" for Grey.
Prices will be 30% more expensive. See RAL codes aside. RAL 7016 RAL 1015 RAL 7004



041331S



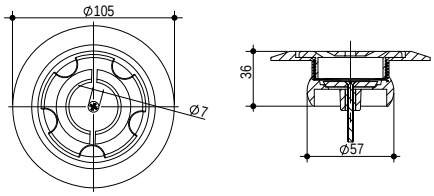
041321S



Eccentric Floor Inlet Special inlet nozzle to be installed inside Ø63-10 bar PVC pipe, for inclined pool bottom.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 2" Slip - CD	**041331S**			
• 2" Slip - AD	**041321S**			

PS: Full colored products can be ordered by adding "A" for Anthracite, "B" for Beige, "G" for Grey.
Prices will be 30% more expensive. See RAL codes aside. RAL 7016 RAL 1015 RAL 7004





Overflow Gutter Drain for Concrete Pools. Made of white ABS plastic. 2½" male - threaded, Ø63 mm inside. Stainless steel screws included.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	04150	50	11,000	0,067



Balance Tank Basket. Made of white ABS plastic. Adjustable up to Ø125 mm diameter PVC overflow pipes.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	04151	1		

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In-Pool Materials

Junction Box

Junction Box. Made of white ABS plastic. Connections are for "05051" conduits.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
	05040	8	2,610	0,016

PS: Full colored products can be ordered by adding "A" for Anthracite, "B" for Beige, "G" for Grey.
Prices will be 30% more expensive. See RAL codes aside. RAL 7016 RAL 1015 RAL 7004

Main Drains (Concrete Pools) - ABS

Circular Main Drain for Concrete Pools. Made of ABS plastic. Grille fixed w/stainless steel screws, Ø50 mm female slip blind connection at the bottom for hydrostatic valve connection.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 1,5" Female Thread	**04141T1**	1	0,832	0,013
• 2" Female Thread	**04141T2**	1	0,800	0,013
• Ø50 mm Slip Connection	**04141S1**	1	0,802	0,013
• Ø63 mm Slip Connection	**04141S2**	1	0,776	0,013
• Ø75 mm Slip Connection	**04141S3**	1	0,784	0,013

PS: Full colored products can be ordered by adding "A" for Anthracite, "B" for Beige, "G" for Grey.
Prices will be 30% more expensive. See RAL codes aside. RAL 7016 RAL 1015 RAL 7004

Squared Main Drain. Made of white ABS plastic. Grille fixed w/stainless steel screws, Ø50 mm female slip blind connection at the bottom for hydrostatic valve connection.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 2" Female Thread	**04142T1**	1	1,360	0,013
• Ditto, but with extended thread of	**04142T1E**	1	1,400	0,013
5 cm length facilitating test plug				
• 2,5" Female Thread	**04142T2**	1	1,590	0,013
• 3" Female Thread	**04143T3**	1	1,520	0,013
• Ø63 mm Slip Connection	**04142S1**	1	1,352	0,013
• Ø75 mm Slip Connection	**04142S2**	1	1,250	0,013
• Ø90 mm Slip Connection	**04142S3**	1	1,346	0,013

Grilles for Main Drain (Concrete Pools) - ABS

Circular Grilles. Made of ABS Plastic Circular Grille Ø186-242 mm. Complete with stainless steel screws necessary to fix the frame on concrete. Max. recommended drain pipe size: Ø63 mm.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
	04143C	1	0,376	0,003

PS: Full colored products can be ordered by adding "A" for Anthracite, "B" for Beige, "G" for Grey.
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Grilles for Main Drain (Concrete Pools) - ABS



04143R1

Squared Grilles for Main Drain for Concrete Pools.
Made of ABS Plastic Squared Grille 26,5 x 26,5 cm.Complete with fixing screws. Max. recommended drain pipe size: Ø90 mm.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	04143R1	1	0,954	0,003

PS: Full colored products can be ordered by adding "A" for Anthracite, "B" for Beige, "G" for Grey.
Prices will be 30% more expensive. See RAL codes aside. RAL 7016 RAL 1015 RAL 7004



04143R3

Squared Grilles for Main Drain for Concrete Pools. Fiberglass reinforced polyester frame with ext. dimensions of 45 x 45 cm complete with fixing screws. Max. recommended drain pipe size : Ø140 mm.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	04143R3	1		



04143R2

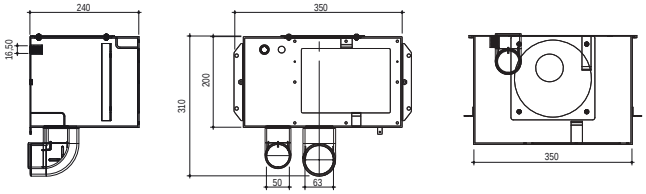
Squared Grilles for Main Drain for Concrete Pools. Fiberglass reinforced polyester frame with ext. dimensions of 60 x 60 cm complete with fixing screws. Max. recommended drain pipe size : Ø225 mm.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	04143R2	1	4,200	0,015

St. Steel Skimmers for Concrete Pools



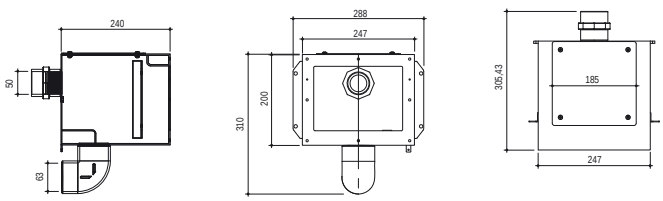
Stainless Steel Skimmer Body - Model 1.
Made of AISI 304 quality stainless steel. Ø50 mm overflow. Skimming width: 190 mm, installation depth: 240 mm. Suction: Ø63 mm PVC. Floater installation option for water level regulation. Earth connection included. Complete with skimmer strainer basket 04111SS01 and level adjustable lid 04111SS02.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Model 1	**04112SS**	1	6,510	0,040
• Ditto, with Floater	**04112SSF**	1	6,710	0,040



Stainless Steel Skimmer Body for Concrete Pool - Model 2.
Made of AISI 304 quality stainless steel. Ø50 mm overflow. Skimming width: 190 mm, installation depth: 240 mm. Suction: Ø63 mm PVC. Earth connection included. Complete with skimmer strainer basket 04111SS01 and level adjustable lid 04111SS02.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
Model 2	**04111SS**	1	5,250	0,040

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In-Pool Materials

St. Steel Skimmers for Concrete Pools

Stainless Steel Skimmer Strainer Basket for Concrete Pools. Made of AISI 304 quality stainless Steel Complete with face plate for direct removal through skimmer mouth. (Applicable to Model 1 and Model 2).



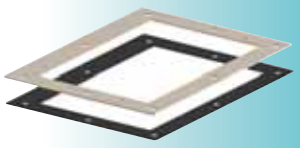
Description	Code	Pieces/ box	Weight Kg	Volume m^3
	04111SS01	1	2,190	0,020

Stainless Steel Level Adjustable Lid for Concrete Pools. Made of AISI 304 Stainless steel Dimensions:180 x 180 mm. Height level can be adjustable from 60 to 110 mm.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
	04111SS02	1	1,630	0,010

Stainless Steel Skimmer Flange Set for Liner Pools. Made of AISI 304 Stainless steel. Complete with 2 gaskets and bolts.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
	04211SS01	1	0,780	0,002

Solid Inox Inlets

Full Body made of Stainless Steel.
Ball for wall inlet is from transparent polycarbonate. SS ball is optional. Floor inlets are either adjustable (AD) or constant discharge (CD) types.



04131TSSM01



04134TSSM01



04133TSSM



04135TSSM

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 304 Wall Inlet 2" Threaded	**04131TSSM**	1		
• 304 Suction Inlet 2" Threaded	**04134TSSM**	1		
• 304 Floor Inlet - CD 2" Threaded	**04133TSSM**	1		
• 304 Floor Inlet - AD 2" Threaded	**04135TSSM**	1		
• 316 Return Inlet 2" Threaded	**04131TSSM01**	1		
• 316 Suction Inlet 2" Threaded	**04134TSSM01**	1		
• 316 Floor Inlet - CD 2" Threaded	**04133TSSM01**	1		
• 316 Floor Inlet - AD 2" Threaded	**04135TSSM01**	1		

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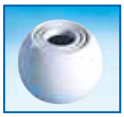
Wall Inlet (Concrete Pools) - St. Steel Dressed



Stainless Steel Wall Inlet for Concrete Pools. Body is injected of white ABS plastic dressed with AISI 304 quality stainless steel plate. The butterfly of nozzle is made of solid inox inlets stainless steel and the sphere is of acrylic transparent plastic with adjustable ball for alternative discharges.

Breaking tool





Ø14 mm ball 3 m³/h
Ø20 mm ball 5 m³/h
Ø25 mm ball 7 m³/h

Description	Code	Pieces/ box	Weight Kg	Volume m³
• 2" Male Threaded : Ø50 mm internal slip connection	**04131TSS**	10	2,400	0,006
• 2" Slip to be glued inside Ø63 mm pipe	**04131SSS**			



Stainless Steel Suction Inlet for Concrete Pools.
Body is injected of white ABS plastic dressed with AISI 304 quality stainless steel plate. The blind cap is made of solid inox inlets stainless steel.

Description	Code	Pieces/ box	Weight Kg	Volume m³
• 2" Male Threaded : Ø50 mm internal slip connection.	**04134TSS**	10	3,572	0,007
• 2" Slip to be glued inside Ø63 mm pipe	**04134SSS**			



Floor Inlet with Chrome Painted Stainless Steel Lid - Flow Adjustable.
Flat lid of AISI 304 quality stainless steel. Body in ABS plastic.

Description	Code	Pieces/ box	Weight Kg	Volume m³
• Flad Lid - 2" Male Threaded : Flat Lid AISI 304 Quality St.Steel	**04132TFSS**	8	2,200	0,006
• 2" Slip to be glued inside Ø63 mm pipe	**04132SFSS**			



Stainless Steel Floor Inlet - Constant Flow.
Stainless Steel Floor Inlet - Constant Flow. Body in ABS plastic, front face is dressed with AISI 304 quality stainless steel sheet. The central part is solid AISI 304 quality stainless steel.

Description	Code	Pieces/ box	Weight Kg	Volume m³
• 2" Male Threaded : Ø50 mm internal slip connection	**04133TSS**	8	2,400	0,007
• 2" Slip to be glued inside Ø63 mm pipe	**04133SSS**			

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Main Drains (Concrete Pools) - St. Steel

Circular Main Drain with St. Steel Grille for Concrete Pools. Body made of ABS plastic. Stainless steel grille fixed w/st. steel screws, Ø50 mm female slip blind connection at the bottom for hydrostatic valve connection.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 1,5" Female Thread	**04141T1SS**	1		
• 2" Female Thread	**04141T2SS**	1		
• 1,5" glued	**04141S1SS**	1		
• 2" glued	**04141S2SS**	1		
• 2,5" glued	**04141S3SS**	1		



04141T1SS



04141S1SS

Grilles for Main Drain (Concrete Pools) - St. Steel

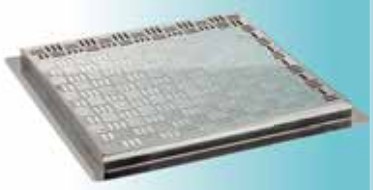
Stainless steel circular grilles. Made of AISI 304 quality stainless steel with stainless steel screws Ø186 - 242 mm.

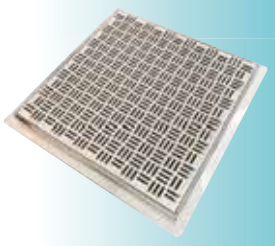
Description	Code	Pieces/ box	Weight Kg	Volume m^3
Circular Grille	**04143SS**	1	0,258	0,003



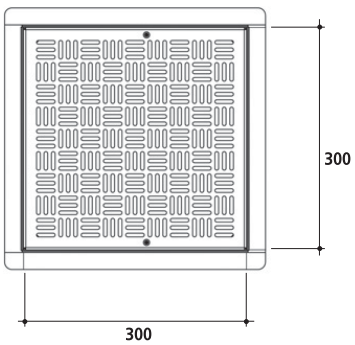
St. Steel Squared Grilles for Main Drain for Concrete Pools. Frame and grille made of AISI 304 quality stainless steel complete with fixing screws.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 200 x 200 mm (out)	**04143RSS1**	1		
• 300 x 300 mm (out)	**04143RSS2**	1		
• 400 x 400 mm (out)	**04143RSS3**	1		
• 500 x 500 mm (out)	**04143RSS4**	1		
• 600 x 600 mm (out)	**04143RSS5**	1		







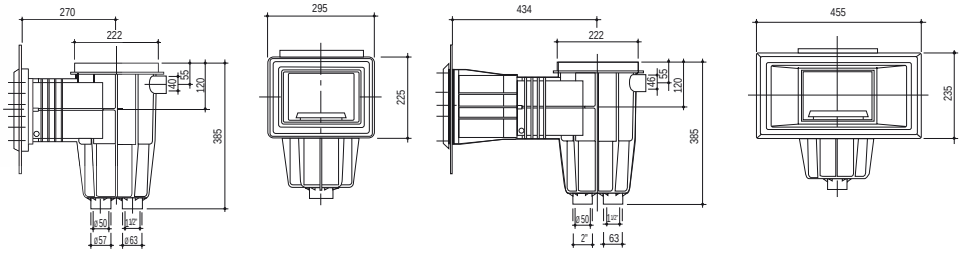


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Skimmers for Liner Pools



All skimmer models are made of ABS plastic and equipped with “suction regulator” and locking mechanism basket against back pressure. Skimming by **“buoy float”** or **“floating weir”**. Suction port: 1,5" female threaded (2" also possible upon request), Ø63 mm external slip. Discharge port: Ø50 mm female slip. Overflow drainage: Ø40 mm female slip. Complete with flange, gaskets, stainless steel screws and front cover. Flange connections can be with brass cavities or plastic nests.





Description	Code	Pieces/ box	Weight Kg	Volume m^3
Standard Throat				
• Standard Squared Lid Skimmer	**04211**	1	4,104	0,054
• Ditto, W/Brass Cavities	**04211B**	1	4,142	0,054
• Standard Squared Lid Skimmer W/Floating Weir	**04211FW**	1	3,820	0,054
• Ditto, W/Brass Cavities	**04211BFW**	1	3,986	0,054



Description	Code	Pieces/ box	Weight Kg	Volume m^3
Extension Throat (+ 10 cm)				
• Standard Squared Lid Skimmer	**04211E**	2	8,504	0,107
• Ditto, W/Brass Cavities	**04211EB**	2	8,600	0,107
• Standard Squared Lid Skimmer W/Floating Weir	**04211EFW**	2	8,070	0,107
• Ditto, W/Brass Cavities	**04211EBFW**	2	8,160	0,107



Description	Code	Pieces/ box	Weight Kg	Volume m^3
Wide Mouth				
• Wide Mouth Squared Lid Skimmer	**04212**	2	9,430	0,135
• Ditto, W/Brass Cavities	**04212B**	2	9,678	0,135
• Wide Mouth Squared Lid Skimmer W/Floating Weir	**04212FW**	2	9,012	0,135
• Ditto, W/Brass Cavities	**04212BFW**	2	9,112	0,135

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Lux Skimmers for Liner Pools

All Lux-Skimmer models are made of ABS plastic and equipped with “suction regulator” and locking mechanism basket against back pressure. Skimming by **“buoy float”** or **“floating weir”**. Suction port: 2" female threaded. Discharge port: 1,5" female threaded, supplied with blind cap. Overflow drainage: Ø40 mm female slip. Complete with flange, gaskets, stainless steel screws and front cover. Flange connections can be with brass cavities or plastic nests.



Additional Features:

- Child-proof decklid features safety locking mechanism.
- Extension collar allows for correction of uneven deck finishes.
- Locking basket design prevents basket floating due to back pressure.
- Extended throat facilitates convenient installation in the pool wall. (Optional)
- Aesthetic face plate in the pool.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
Lux Standard Throat				
• Lux Standard Squared Lid Skimmer	**04221**	2	9,150	0,137
• Ditto, W/Brass Cavities	**04221B**	2	9,400	0,137
• Lux Standard Squared Lid Skimmer W/Floating Weir	**04221FW**	2	8,720	0,137
• Ditto, W/Brass Cavities	**04221BFW**	2	8,890	0,137



Description	Code	Pieces/ box	Weight Kg	Volume m^3
Lux Extension Throat (+ 10 cm)				
• Lux Standard Squared Lid Skimmer	**04221E**	1	5,600	0,110
• Ditto, W/Brass Cavities	**04221EB**	1	5,700	0,110
• Lux Standard Squared Lid Skimmer W/Floating Weir	**04221EFW**	1	4,350	0,110
• Ditto, W/Brass Cavities	**04221EBFW**	1	4,500	0,110

Description	Code	Pieces/ box	Weight Kg	Volume m^3
Lux Wide Mouth				
• Lux Wide Mouth Squared Lid Skimmer	**04222**	1	5,296	0,110
• Ditto, W/Brass Cavities	**04222B**	1	5,525	0,110
• Lux Wide Mouth Squared Lid Skimmer W/Floating Weir	**04222FW**	1	5,250	0,110
• Ditto, W/Brass Cavities	**04222BFW**	1	5,370	0,110



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Elevated Wide Mouth Skimmers for Liner Pools



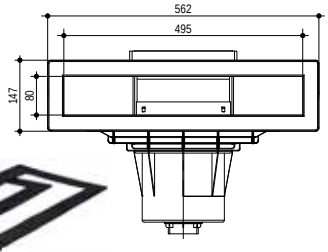
Elevated Skimmer raises the pool water level by 5 cm compared to normal skimmers. All skimmer models are made of ABS plastic and equipped with “suction regulator” and locking mechanism basket against back pressure. Skimming by **“buoy float”** or **“floating weir”**. Suction port: 1,5" female threaded (2" also possible upon request), Ø63 mm external slip. Discharge port: Ø50 mm female slip. Overflow drainage: Ø40 mm female slip. Complete with flange, gaskets, stainless steel screws and front cover.
Flange connections can be with brass cavities or plastic nests.

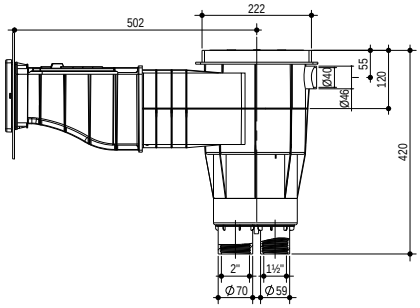
Description	Code	Pieces/ box	Weight Kg
• Liner Pools with brass cavities	**04215BFW**	1	
• Liner Pools wout brass cavities	**04215FW**	1	

PS: Full colored products can be ordered by adding “A” for Anthracite, “B” for Beige, “G” for Grey.
Prices will be 30% more expensive. See below RAL codes. RAL 7016 RAL 1015 RAL 7004



Elevated wide mouth for high water level







Liner Flange, Gasket ans Screws

Lux-Elevated Wide Mouth Skimmers for Liner Pools



All Lux-Skimmer models are made of ABS plastic and equipped with “suction regulator” and locking mechanism basket against back pressure. Skimming by **“buoy float”** or **“floating weir”**. Suction port: 2" female threaded. Discharge port: 1,5" female threaded, supplied with blind cap. Overflow drainage: Ø40 mm female slip. Complete with flange, gaskets, stainless steel screws and front cover. Flange connections can be with brass cavities or plastic nests.

Additional Features: • Child-proof decklid features safety locking mechanism. • Extension collar allows for correction with uneven deck finishes. • Locking basket design prevents basket floating due to back pressure. • Locking vacuum adapter prevents adapter plate floating during suction cleaning. • Extended throat facilitates convenient installation in the pool wall (Optional).

RAL 7016



RAL 1015

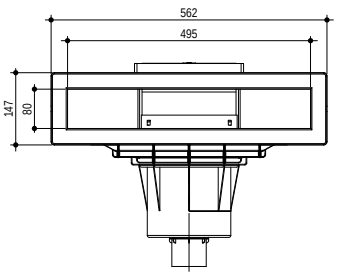


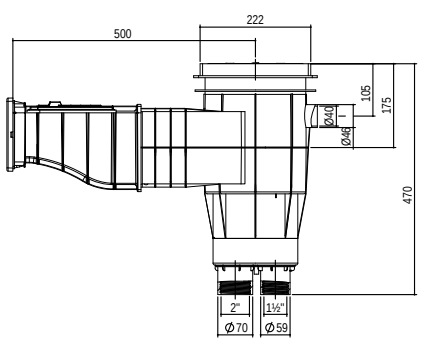
RAL 7004



Description	Code	Pieces/ box	Weight Kg
• Liner Pools with brass cavities	**04225BFW**	1	
• Liner Pools wout brass cavities	**04225FW**	1	

PS: Full colored products can be ordered by adding “A” for Anthracite, “B” for Beige, “G” for Grey.
Prices will be 30% more expensive. See RAL codes aside. RAL 7016 RAL 1015 RAL 7004





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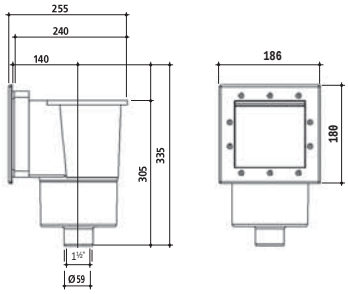
In-Pool Materials

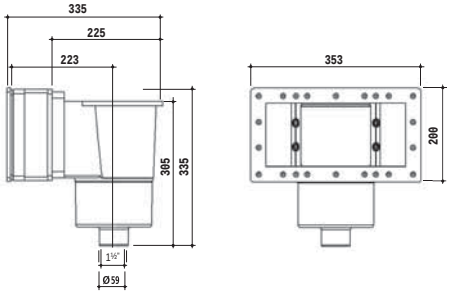
Mini Skimmers for Liner Pools

All Skimmer models are made of ABS plastic. Suction port: Female threaded 1,5". Complete with vacuum adaptor, flange, gaskets and stainless steel screws.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Standard Mouth Square Lid Skimmer	**04213**	8	19,500	
• Wide Mouth Square Lid Skimmer	**04214**	8	27,500	









Return Inlets (Liner Pools) - ABS

Wall Inlet for Liner Pools. Injected of white ABS plastic with adjustable ball for alternative discharges. Complete with flange, gaskets, stainless steel screws and front cover. Flange connections can be with brass cavities or plastic nests.



Breaking tool





Ø14 mm ball 3 m³/h
Ø20 mm ball 5 m³/h
Ø25 mm ball 7 m³/h

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 2" Male threaded :	**04231T**	8	1,520	0,006
Ø50 internal slip connection.				
• Ditto, W/Brass Cavities	**04231BT**	8	1,682	0,006
• 2" Male threaded : Also 2" nut included	**04231TN**		1,800	0,006
• Ditto, W/Brass Cavities	**04231BTN**	8	1,934	0,006
• Breaking Tool	**04131T05**			



04231BTG

RAL 7004

PS: Full colored products can be ordered by adding "A" for Anthracite, "B" for Beige, "G" for Grey.
Prices will be 30% more expensive. See RAL codes aside. RAL 7016 RAL 1015 RAL 7004

Wall Inlet for Liner Pools.
According to EU 13451-1/4.8.3 Injected of white ABS plastic with protection and adjustable ball for alternative discharges. Complete with flange, gaskets, stainless steel screws and front cover. Flange connections can be with brass cavities or plastic nests.



Breaking tool





Ø14 mm ball 3 m³/h
Ø20 mm ball 5 m³/h
Ø25 mm ball 7 m³/h

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 2" Male threaded :	**04231TP**	8	1,460	0,007
Ø50 internal slip connection.				
• Ditto, W/Brass Cavities	**04231BTP**	8	1,508	0,007
• 2" Male threaded : Also 2" nut included	**04231TNP**	8	1,750	0,007
• Ditto, W/Brass Cavities	**04231BTNP**	8	1,806	0,007

PS: Full colored products can be ordered by adding "A" for Anthracite, "B" for Beige, "G" for Grey.
Prices will be 30% more expensive. See RAL codes aside. RAL 7016 RAL 1015 RAL 7004

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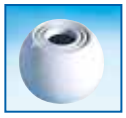
Return Inlets (Liner Pools) - ABS



Wall Conduit-Inlet.
Specially designed for concrete-shell liner pools. Injected of white ABS plastic with adjustable ball for alternative discharges. Complete with flange, gaskets, stainless steel screws and front cover. Flange connections can be with brass cavities or plastic nests.

Breaking tool





Ø14 mm ball 3 m³/h
Ø20 mm ball 5 m³/h
Ø25 mm ball 7 m³/h

Description	Code	Pieces/ box	Weight Kg	Volume m³
• 2" Male threaded: Ø50 internal slip con.	**04231C**	8	1,676	0,006
• Ditto, W/Brass Cavities	**04231CB**	8	1,718	0,006



Wall Conduit-Inlet for Liner Pools. Specially designed for concrete-shell liner pools. Injected of white ABS plastic with adjustable ball for alternative discharges. Complete with flange, gaskets, stainless steel screws, front cover and back locking nut. Flange connections can be with brass cavities or plastic nests.

Description	Code	Pieces/ box	Weight Kg	Volume m³
• 2" Male threaded: Ø50 internal slip connection.	**04231CN**	8		
• Ditto, W/Brass Cavities	**04231CNB**	8		



Suction Inlet for Liner Pools,
injected of white ABS plastic. Complete with blind cap, flange, gaskets, stainless steel screws and front cover. Flange connections can be with brass cavities or plastic nests.

Description	Code	Pieces/ box	Weight Kg	Volume m³
• 2" Male Threaded: Injected of white ABS plastic.	**04234T**	8	1,500	0,006
• Ditto, W/Brass Cavities	**04234TB**	8	1,600	0,006
• 2" Male Threaded: Injected of white ABS plastic. Also 2" nut included.	**04234TN**	8	1,520	0,006
• Ditto, W/Brass Cavities	**04234TNB**	8	1,732	0,006

PS: Colored products can be ordered by adding "G" for Grey, "B" for Beige, "A" for Anthracite. Prices will be 30% more expensive.



Floor Inlet - Adjustable for liner pools.
White ABS plastic, according to EU 13451-174.8.3 regulations. 2" male threaded, Ø50 mm internal slip connection. Adjustable flow. Complete with flange gaskets and stainless steel screws.

Description	Code	Pieces/ box	Weight Kg	Volume m³
• Flat Lid - 2" Male Threaded	**04232TF**	4	1,270	0,007
• Ditto, W/Brass Cavities	**04232TFB**	4	1,270	0,007
• Conycal Lid - 2" Male Threaded	**04232TC**	4	1,340	0,007
• Ditto, W/Brass Cavities	**04232TCB**	4	1,308	0,007

PS: Colored products can be ordered by adding "G" for Grey, "B" for Beige, "A" for Anthracite. Prices will be 30% more expensive.



Clamping nut, 2".
White ABS plastic. 2" Femals threaded.

Description	Code	Pieces/ box	Weight Kg	Volume m³
• Nut with gasket for wall inlets	**04237**	35	1,474	0,006

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Main Drains for Liner Pools



Circular Main Drain. Made of white ABS plastic. Grille fixed with stainless steel screws, Ø50 mm female slip blind connection at the bottom for hydrostatic valve connection. Complete with flange, stainless steel screws and gaskets. **Flange height:** 17,20 mm.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 1,5" Female Thread	**04241T1**	1	1,740	0,013
• Ditto, W/Brass Cavities	**04241T1B**	1	1,130	0,013
• 2" Female Thread	**04241T2**	1	1,134	0,013
• Ditto, W/Brass Cavities	**04241T2B**	1	1,572	0,013

PS: Colored products can be ordered by adding "G" for Grey, "B" for Beige, "A" for Anthracite. Prices will be 30% more expensive.



Circular Main Drain.
Made of white ABS plastic. Grille fixed with stainless steel screws, Ø50 mm female slip blind connection at the bottom for hydrostatic valve connection. Complete with flange, stainless steel screws and gaskets. Flange height: 6,35 mm.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 1,5" Thread	**04243T1**	1	1,034	0,013
• Ditto, W/Brass Cavities	**04243T1B**	1	1,034	0,013
• 2" Thread	**04243T2**	1	1,072	0,013
• Ditto, W/Brass Cavities	**04243T2B**	1	1,072	0,013

PS: Colored products can be ordered by adding "G" for Grey, "B" for Beige, "A" for Anthracite. Prices will be 30% more expensive.



Circular Main Drain with St. Steel Grille for Liner Pools. Body made of ABS plastic. Stainless steel grille fixed w/st. steel screws, Ø50 mm female slip blind connection at the bottom for hydrostatic valve connection.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 1,5" Female Thread	**04241T1SS**	1		
• 2" Female Thread	**04241T2SS**	1		



Squared Main Drain.
Made of white ABS plastic. Grille fixed with stainless steel screws, Ø50 mm female slip blind connection at the bottom for hydrostatic valve connection. Complete with flange, stainless steel screws and gaskets.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 2" Female Thread	**04242T1**	1	1,600	0,013
• Ditto, but with extended threaded of 5 cm length facilitating test plug	**04242T1E**	1	1,600	0,013
• Ditto, W/Brass Cavities	**04242T1EB**	1	1,600	0,013
• 2,5" Female Thread	**04242T2**	1	1,606	0,013
• Ditto, W/Brass Cavities	**04242T2B**	1	1,606	0,013
• 3" Female Thread	**04242T3**	1	1,606	0,013
• Ditto, W/Brass Cavities	**04242T3B**	1	1,606	0,013
• Ø63 mm Slip Connection	**04242A1**	1	1,600	0,013
• Ditto, W/Brass Cavities	**04242A1B**	1	1,570	0,013
• Ø75 mm Slip Connection	**04242A2**	1	1,570	0,013
• Ditto, W/Brass Cavities	**04242A2B**	1	1,570	0,013
• Ø90 mm Slip Connection	**04242A3**	1	1,570	0,013
• Ditto, W/Brass Cavities	**04242A3B**	1	1,570	0,013

PS: Colored products can be ordered by adding "G" for Grey, "B" for Beige, "A" for Anthracite. Prices will be 30% more expensive.

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Underwater Lights for Concrete Pools



"SlimLED"

Underwater Light without Niche, Silicone Filled, Single Color.
Frame made of ABS Plastic. Polycarbonate light body with a choice of LED quantities and powers, embedded into a special transparent silicone. Complete with epoxy PCB and cable of 2 m length. 120° - IP68.
Wall mounting is done by fixing the light directly onto the pool wall with stainless steel screws and plugs. Optional wall mounting bracket is available. **2 Year Leakage Warranty.**
The light, without the frame, can be used as a replacement bulb for LED conversion of all PAR56 products available on the market. **Max. operating temperature 30°.**

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 252 LED White - 50 W	**051140**	1	1,050	0,005
• 252 LED Daylight - 50 W	**051141**	1	1,050	0,005
• 81 LED White - 35 W Aluminium PCB	**051130**	1	1,050	0,005
• 81 LED Daylight - 35 W Aluminium PCB	**051131**	1	1,050	0,005
• Optional Wall Mounting Bracket	**051130EY01**	1		

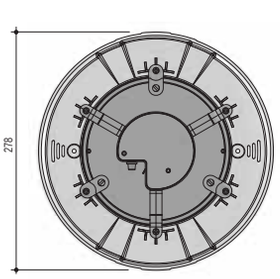
PS: Other Single Color prices are the same. The last digit of the product code should be changed to the following - for Turquoise 2, for Blue 3, for Red 4, for Green 5.



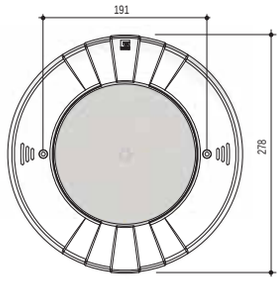
"SlimLED" Underwater Light without Niche; Ditto, but RGB Changing Color.
For built in PCB models there are 13 different lighting patterns.
For central PCB models there are 16 different lighting patterns.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
Central Control				
• 252 LED RGB, 36 W Aluminium PCB	**051155**	1	1,050	0,005
• 90 LED RGB-White, 36 W Aluminium PCB	**051152**	1	1,050	0,005
• 81 LED RGB, 30 W	**051157**	1	1,050	0,005
• Built-in Control				
• 252 LED RGB, 36 W Aluminium PCB	**051153**	1	1,050	0,005
• 90 LED RGB-White, 36 W Aluminium PCB	**051150**	1	1,050	0,005
• 81 LED RGB, 30 W	**051156**	1	1,050	0,005











051130EY01
Optional wall mounting bracket

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Underwater Lights for Concrete Pools

ECOSlim2025 LED
Underwater Light without Niche, Single Color.
Frame made of ABS, complete with 72 SMD LEDs: Polycarbonate light body, epoxy PCB and cable of 1,5 m length. 120° - IP68. Wall mounting is done by fixing the light directly onto the pool wall with stainless steel screws and plugs. The frameless lamp can be used as a replacement bulb for LED conversion in all PAR56 bulb products available on the market. 2-year leak-proof guarantee. **Max. operating temperature 30°.**



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 72 LED White - 16 W	**051120EO**	1	0,835	0,005
• 72 LED Daylight - 16 W	**051121EO**	1	0,835	0,005
• 72 LED Turquoise - 15 W	**051122EO**	1	0,835	0,005
• 72 LED Blue - 15 W	**051123EO**	1	0,835	0,005
• 72 LED Red - 15 W	**051124EO**	1	0,835	0,005
• 72 LED Green - 15 W	**051125EO**	1	0,835	0,005
• Optional Wall Mounting Bracket	**051130EY01**			



“ECOSlim2025 LED” Underwater Light without Niche; Ditto, but RGB Changing Color.
For built in PCB models there are 13 different lighting patterns.
For central PCB models there are 16 different lighting patterns. Lighting patterns are changed by remote control. **For self control PCB models there are not include remote control.**(optional).

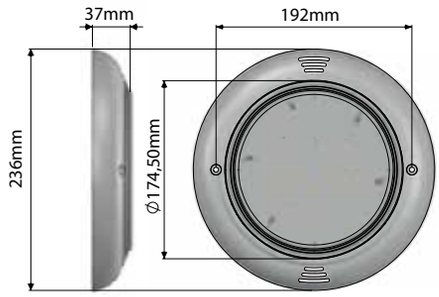
Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 72 LED RGB-Built-in Control-15 W	**051126EO**	1	0,835	0,005
• 72 LED RGB-Self Control-15 W	**051126SCEO**			
• 72 LED RGB-Central Control-15 W	**051127EO**	1	0,835	0,005
• Optional Wall Mounting Bracket	**051130EY01**			
• Remote control with 4 buttons for RGB LED	**05092A3Y01**			



051130EY01
Optional wall mounting bracket



05092A3Y01



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2 years Parts WARRANTY

NEW !

Underwater Lights for Concrete Pools

Silicone-Filled Slim 2025 LED Underwater Pool Lighting Lamp

Frame made of white ABS plastic. Complete with 252, 81 and 72 SMD LEDs; Polycarbonate light body, epoxy PCB and cable of 2 m length. 120°-IP68. Wall mounting is done by fixing the light directly onto the pool wall with stainless steel screws and plugs. The frameless lamp can be used as a replacement bulb for LED conversion in all PAR56 bulb products available on the market. 2-year leak-proof guarantee. **Max. operating temperature 30°.**

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 252 LED White - 50 W	**051270SF**	1	1,050	0,005
• 252 LED Daylight - 50 W	**051271SF**	1	1,050	0,005
• 81 LED White - 35 W	**051280SF**	1	1,050	0,005
• 81 LED Daylight - 35 W	**051281SF**	1	1,050	0,005
• 72 LED White - 16 W	**051290SF**	1	1,050	0,005
• 72 LED Daylight - 16 W	**051291SF**		1,050	0,005
• Optional Wall Mounting Bracket	**051130EY01**			

Not: Prices for other solid colors are the same. The last digit of the code should be 2 for Turquoise, 3 for Blue, 4 for Red, and 5 for Green.



Ditto, but RGB Changing Color.

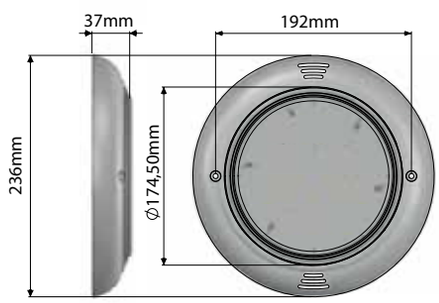
For built in PCB models there are 13 different lighting patterns. For central PCB models there are 16 different lighting patterns. Lighting patterns are changed by remote control (optional).

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Central Control				
• 252 LED RGB, 36 W	**051277SF**	1	1,050	0,005
• 81 LED RGB, 30 W	**051287SF**	1	1,050	0,005
• 72 LED RGB, 15 W	**051297SF**	1	1,050	0,005
• Built-in Control				
• 252 LED RGB, 36 W	**051276SF**	1	1,050	0,005
• 81 LED RGB, 30 W	**051286SF**	1	1,050	0,005
• 72 LED RGB, 15 W	**051296SF**	1	1,050	0,005



051130EY01

Optional wall mounting bracket



We reserve our right to change all or part of the features of the articles or contents of this document, without prior notice.

Underwater Lights for Concrete Pools

Product Video

MAXI-Clicker

2 years Parts WARRANTY



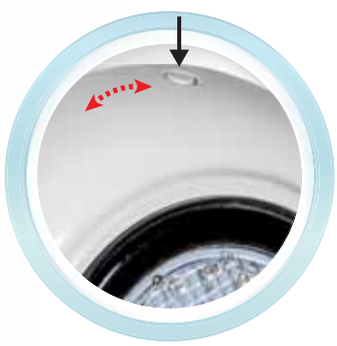
Underwater light without niche. Single color, frame made of ABS Plastic complete with 72 SMD LED. Polycarbonate light body, epoxy PCB and cable of 1.25 m length. 120° - IP68 Consists of wall bracket and the light w/frame. After fixing the bracket on pool wall by means of stainless steel screws, **it is very easy to fix the frame onto the bracket by a 30º clockwise turn. Just turn & click! In order to remove it, push a screw driver on to the button gently and turn the frame 30º counter clockwise.**

2 Year Leakage Warranty.

The light, without the frame, can be used as a replacement bulb for LED conversion of all PAR56 products available in the market.

This product is patented.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 72 LED White - 30 W Aluminium PCB	**051230**	1		
• 72 LED Daylight - 30 W Aluminium PCB	**051231**	1		
• 72 LED Turquoise - 20 W	**051232**	1		
• 72 LED Blue - 20 W	**051233**	1		
• 72 LED Red - 20 W	**051234**	1		
• 72 LED Green - 20 W	**051235**	1		
• 72 LED White - 16 W	**0512301**	1		
• 72 LED Daylight - 16 W	**0512311**	1		
• 72 LED Turquoise - 15 W	**0512321**	1		
• 72 LED Blue - 15 W	**0512331**	1		
• 72 LED Red - 15 W	**0512341**	1		
• 72 LED Green - 15 W	**0512351**	1		



Patented Bayonet "Click" System

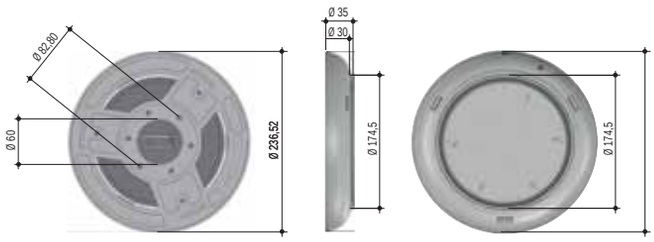
"MAXI-Clicker" Underwater Light without Niche; Ditto, but RGB Changing Color.

For built in PCB models there are 13 different lighting patterns.
For central PCB models there are 16 different lighting patterns.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 72 LED RGB - Built-in Control - 20 W	**051236**	1		
• 72 LED RGB - Center Control - 20 W	**051237**	1		
• 72 LED RGB - Built-in Control - 15 W	**0512361**	1		
• 72 LED RGB - Center Control - 15 W	**0512371**	1		



Rear View





RAL 7016

RAL 1015

RAL 7004

"MAXI-Clicker" Underwater Light Colored Frame

Made of ABS. Different Color options can be adapted to all Maxi-Clicker Models.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Anthracite - RAL 7016	**05120001A**	1		
• Beige - RAL 1015	**05120001B**	1		
• Gray - RAL 7004	**05120001G**	1		
• Stainless Steel 304	**0512001SS**	1		

PS: Full colored products can be ordered by adding "A" for Anthracite, "B" for Beige, "G" for Grey. Prices will be 30% more expensive. See RAL codes aside.

We reserve our right to change all or part of the features of the articles or contents of this document, without prior notice.

Underwater Lights for Concrete Pools

NEW !

2 years Parts WARRANTY

Product Video



Silicone Filled MAXI-Clicker

The frame is made of ABS plastic. 252,81 and 72 SMD LED; Polycarbonate light body, epoxy PCB and cable of 2 m length. 120° - IP68 Consists of wall bracket and the light w/frame. After fixing the bracket on pool wall by means of stainless steel screws, **it is very easy to fix the frame onto the bracket by a 30º clockwise turn. Just turn & click! In order to remove it, push a screw driver on to the button gently and turn the frame 30º counter clockwise.**

2 Year Leakage Warranty.

The light, without the frame, can be used as a replacement bulb for LED conversion of all PAR56 products available in the market. **This product is patented.**

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 252 LED White - 50 W	**051240SF**	1		
• 252 LED Daylight - 50 W	**051241SF**	1		
• 81 LED White - 30 W	**051250SF**	1		
• 81 LED Daylight - 30 W	**051251SF**	1		
• 72 LED White - 16 W	**051260SF**	1		
• 72 LED Daylight - 16 W	**051261SF**	1		



Patented Bayonet "Click" System

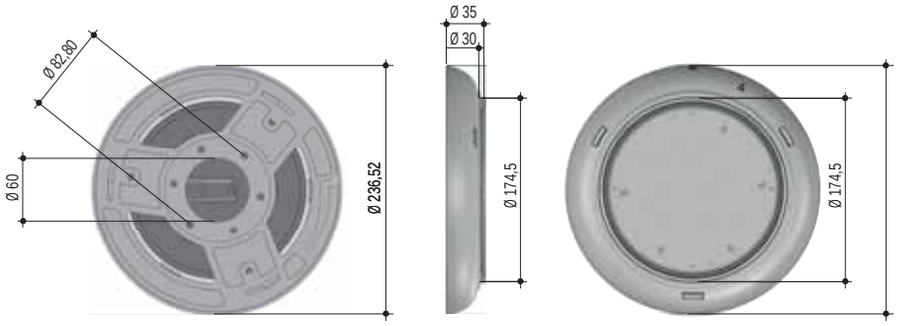
Ditto, but RGB Changing Color.

For built in PCB models there are 13 different lighting patterns.
For central PCB models there are 16 different lighting patterns.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Center Control				
• 252 LED RGB, 36 W	**051247SF**	1		
• 81 LED RGB, 20 W	**051257SF**	1		
• 72 LED RGB, 15 W	**051267SF**	1		
• Built-in Control				
• 252 LED RGB, 36 W	**051246SF**	1		
• 81 LED RGB, 20 W	**051256SF**	1		
• 72 LED RGB, 15 W	**051266SF**	1		



Rear View



We reserve our right to change all or part of the features of the articles or contents of this document, without prior notice.

Product Video





NEW ! Silicone Filled 051160SF

Underwater Lights for Concrete Pools

2 years Parts WARRANTY

MIDI-Clicker

Underwater Light without Niche, Single Color.
Designed for pool stairs, small pools and spas. Single color, frame made of ABS Plastic complete with 72 SMD LED. Polycarbonate light body, epoxy PCB and cable of 1.0 m (Silicone filled 2 m) length. 120° - IP68. Consists of wall bracket and the light w/frame. After fixing the bracket on pool wall by means of stainless steel screws, **it is very easy to fix the frame onto the bracket by a 30° clockwise turn. Just turn & click! In order to remove it, push a screw driver on to the button gently and turn the frame 30° counter clockwise. 2 Year Leakage Warranty.** The light, without the frame, can be used as a replacement bulb for LED conversion of all PAR38 products available on the market. **This product is patented.**



Patented Bayonet "Click" System

Description	Code	Silicone Filled Code	Pieces/ box	Weight Kg	Volume m^3
• 72 LED White - 10 W	**051160E**	**051160SF**	1		
• 72 LED Daylight - 10 W	**051161E**	**051161SF**	1		
• 72 LED Turquoise - 9 W	**051162E**	**051162SF**	1		
• 72 LED Blue - 9 W	**051163E**	**051163SF**	1		
• 72 LED Red - 9 W	**051164E**	**051164SF**	1		
• 72 LED Green - 9 W	**051165E**	**051165SF**	1		



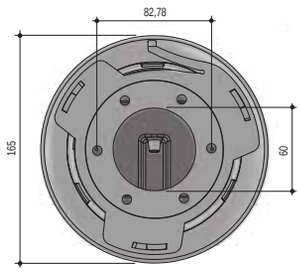
Rear View



051116003
Wall Mounting Bracket

"MIDI-Clicker" Underwater Light without Niche; Ditto, but RGB Changing Color.
For built in PCB models there are 13 different lighting patterns.
For central PCB models there are 16 different lighting patterns.

Description	Code	Silicone Filled Code	Pieces/ box	Weight Kg	Volume m^3
• 72 LED RGB - Built-in Control -9 W	**051170E**	**051170SF**	1		
• 72 LED RGB - Central Control -9 W	**051171E**	**051171SF**	1		







Cable Conduit for Surface Mounted Lights



"Sealed Cable-Concrete Transition" Made of ABS. Complete with seal nut suitable for 2 x 0,75 mm cable passage, gasket, union and 2 stainless steel fixing screws.
Can be used with all surface mounted pool lights for concrete pools.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	0511175	1	1,882	0,016

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Underwater Lights for Concrete Pools

2 years Parts WARRANTY



NEW !



Silicone Filled
051180SF

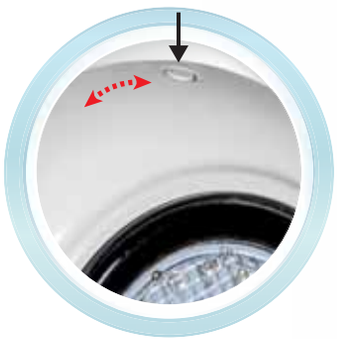
Product Video

CE

MINI-Clicker

Underwater Light without Niche, Single Color.
Designed for pool stairs, small pools and spas. Underwater light without niche. Single color, frame made of ABS Plastic complete with 36 SMD LED. Polycarbonate light body, epoxy PCB and cable of 1.0 m (Silicone filled 2 m) length. 120° - IP68. Consists of wall bracket and the light w/frame. After fixing the bracket on pool wall by means of stainless steel screws, **it is very easy to fix the frame onto the bracket by a 30º clockwise turn. Just turn & click! In order to remove it, push a screw driver on to the button gently and turn the frame 30º counter clockwise. 2 Year Leakage Warranty. This product is patented.**

Description	Code	Silicone Filled Code	Pieces/ box	Weight Kg	Volume m^3
• 36 LED White - 7 W	**051180**	**051180SF**	1		
• 36 LED Daylight - 7 W	**051181**	**051181SF**	1		
• 36 LED Turquoise - 4 W	**051182**	**051182SF**	1		
• 36 LED Blue - 4 W	**051183**	**051183SF**	1		
• 36 LED Red - 4 W	**051184**	**051184SF**	1		
• 36 LED Green - 4 W	**051185**	**051185SF**	1		



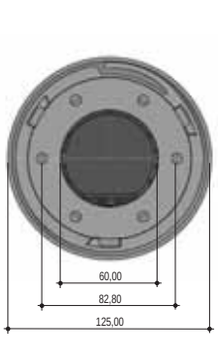
Patented Bayonet
"Click" System

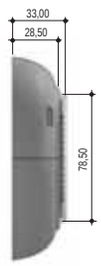
"MINI-Clicker" Underwater Light without Niche; Ditto, but RGB Changing Color.
For built in PCB models there are 13 different lighting patterns.
For central PCB models there are 16 different lighting patterns.

Description	Code	Silicone Filled Code	Pieces/ box	Weight Kg	Volume m^3
• 36 LED RGB-Built-in Control -4 W	**051190**	**051190SF**	1		
• 36 LED RGB-Central Control -4 W	**051191**	**051191SF**	1		



Rear View









051118003
Wall Mounting Bracket

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Underwater Lights for Concrete Pools



2 years Parts WARRANTY

Twister

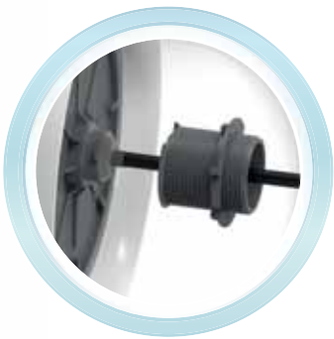
Underwater light without niche.

Single color, frame made of ABS Plastic complete with 72 SMD LED. Polycarbonate light body, epoxy PCB and cable of 2 m length. 120° - IP68 Consists of wall bracket and the light w/frame. Installation for different pool types could be achieved easily as shown in the schemes below. The bracket facilitates adjusting the distance between light frame and pool wall. **It is very easy to fix the frame onto the bracket and to remove it just by a 30° clockwise turn. Just turn & click or remove!**

2 Year Leakage Warranty.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 72 LED White - 16 W	**051210**	1		
• 72 LED Daylight - 16 W	**051211**	1		
• 72 LED Turquoise - 15 W	**051212**	1		
• 72 LED Blue - 15 W	**051213**	1		
• 72 LED Red - 15 W	**051214**	1		
• 72 LED Green - 15 W	**051215**	1		

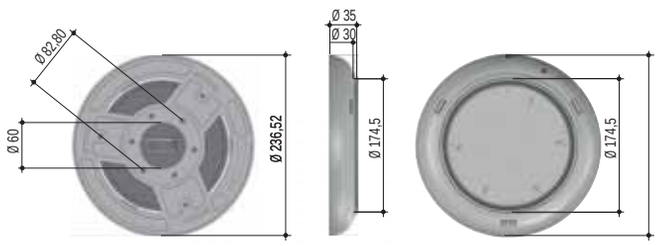


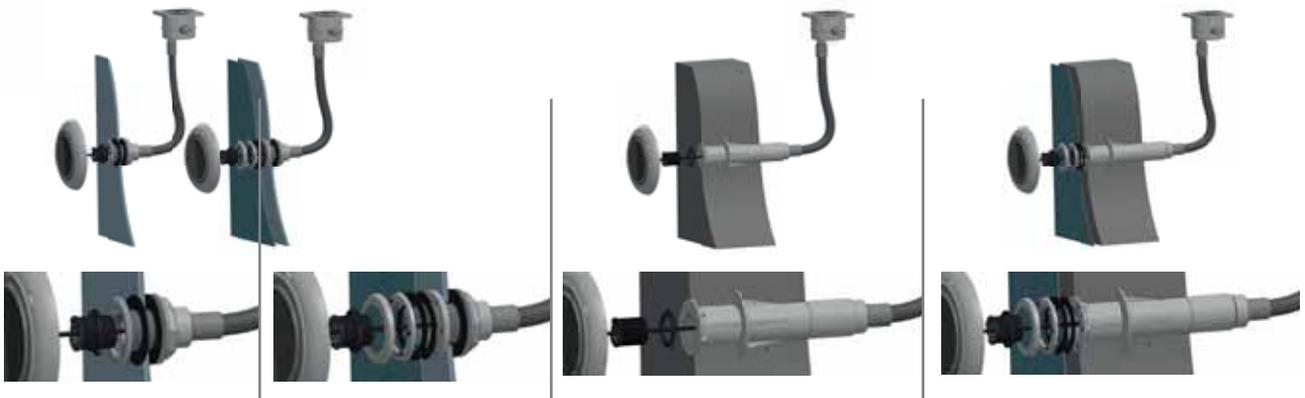
"Twister" Underwater Light without Niche; Ditto, but RGB Changing Color.

For built in PCB models there are 13 different lighting patterns.
For central PCB models there are 16 different lighting patterns.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 72 LED RGB-Built-in Control -15 W	**051216**	1		
• 72 LED RGB-Central Control -15 W	**051217**	1		







FRP Pool | Liner Panel Pool | Concrete Pool | Concrete - Membrane Pool

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Underwater Lights for Concrete Pools - St. Steel

AISI 304/316

2 years Parts WARRANTY



SlimLED-INOX

Underwater Light without Niche, Silicone Filled, Single Color.

Frame made of AISI 304 grade Stainless Steel. Polycarbonate light body with a choice of LED quantities and powers embedded into a special transparent silicone. Complete with Aluminium PCB cable of 2 m length. 120° - IP68. Wall mounting is done by screwing the wall mounting bracket directly to the pool wall. A single screw then attaches the light to the bracket making it easy to lift the light out of the pool.

2 Year Leakage Warranty. For AISI 316 grade stainless steel option, 01 should be added to the end of product codes below and 40% should be added to the price.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 252 LED White - 50 W	**051140SS**	1	1,100	0,005
• 252 LED Daylight - 50 W	**051141SS**	1	1,100	0,005
• 252 LED Turquoise - 36 W	**051142SS**	1	1,100	0,005
• 252 LED Blue - 36 W	**051143SS**	1	1,100	0,005
• 252 LED Red - 36 W	**051144SS**	1	1,100	0,005
• 252 LED Green - 36 W	**051145SS**	1	1,100	0,005



"SlimLED-INOX" Underwater Light without Niche; Ditto, but RGB Changing Color.

For built in PCB models there are 13 different lighting patterns.

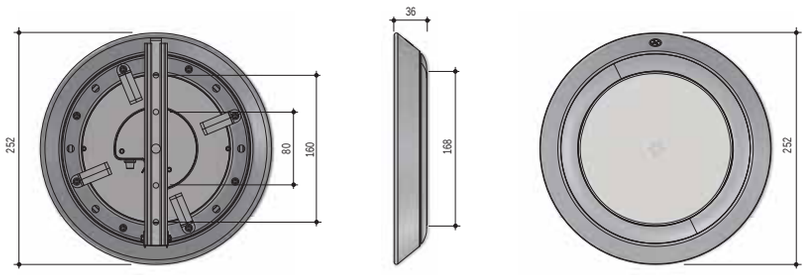
For central PCB models there are 16 different lighting patterns.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 252 LED RGB, 36 W - Built-in Control	**051153SS**	1	1,100	0,005
• 252 LED RGB, 36 W - Centrally Control	**051155SS**	1	1,100	0,005

Note: For RGB 81 LED and RGB 90 LED options with stainless steel frame, please add SS to the end of the product codes on page 122 and ask for price.



Fixing with Top Screw





Rear View

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AISI 304/316



New Generation

2 years Parts WARRANTY

Underwater Lights for Concrete Pools - St. Steel

Slim LED-INOX CLICK

Underwater Light without Niche, Silicone Filled, Single Color.
Frame made of AISI 304 grade Stainless Steel. Polycarbonate light body with a choice of LED quantities and powers embedded into a special transparent silicone. Complete with Aluminium PCB cable of 2 m length. 120° - IP68. Wall mounting is done by screwing the wall mounting bracket directly to the pool wall. After the excess cable is wrapped, the light frame is easily slotted onto the mounting bracket (no screw required). This allows for very easy removal of the light out of the pool. By means of a screw driver. **2 Year Leakage Warranty. For AISI 316 grade stainless steel option, 01 should be added to the end of the product codes below and 40% should be added to the price. Max. operating temperature 30°.**



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 252 LED White - 50 W	**051140SSC**	1	1,100	0,005
• 252 LED Daylight - 50 W	**051141SSC**	1	1,100	0,005
• 252 LED Turquoise - 36 W	**051142SSC**	1	1,100	0,005
• 252 LED Blue - 36 W	**051143SSC**	1	1,100	0,005
• 252 LED Red - 36 W	**051144SSC**	1	1,100	0,005
• 252 LED Green - 36 W	**051145SSC**	1	1,100	0,005

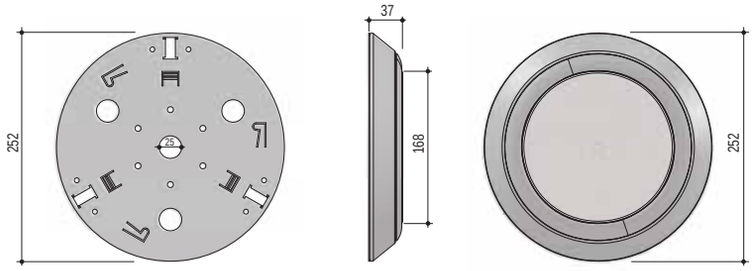
"SlimLED-INOXCLICK" Underwater Light without Niche; Ditto, but RGB Changing Color.
For built in PCB models there are 13 different lighting patterns.
For central PCB models there are 16 different lighting patterns.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 252 LED RGB, 36 W - Built-in Control	**051153SSC**	1	1,100	0,005
• 252 LED RGB, 36 W - Centrally Control	**051155SSC**	1	1,100	0,005

Note: For "INOXCLICK" in RGB 81 LED and RGB 90 LED please add SSC to the end of the product codes on page 122 and ask for price.



Wall Mounting Bracket



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Underwater Lights for Concrete Pools - St. Steel

"New Generation"

AISI 304/316

Product Video



MAXI-Clicker-INOX

2 years Parts WARRANTY

Underwater light without niche. Single color, **Frame** made of AISI 304 Stainless Steel complete with 72 SMD LED. Polycarbonate light body, epoxy PCB cable of 1.25 m length. 120° - IP68. Consists of wall bracket and the light w/frame. After fixing the bracket on pool wall by means of stainless steel screws, **it is very easy to fix the frame onto the bracket by a 30º clockwise turn. Just turn & click! In order to remove it, push a screw driver on to the button gently and turn the frame 30º counter clockwise. 2 Year Leakage Warranty.** The light, without the frame, can be used as a replacement bulb for LED conversion of all PAR56 products available in the market. **This product is patented. For 316 quality Stainless Steel option, 01 should be added to the end of product codes below, and 40% should be added to the price.**

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 72 LED White - 30 W Aluminium PCB	**051230SS**	1		
• 72 LED Daylight - 30 W Aluminium PCB	**051231SS**	1		
• 72 LED Turquoise - 20 W	**051232SS**	1		
• 72 LED Blue - 20 W	**051233SS**	1		
• 72 LED Red - 20 W	**051234SS**	1		
• 72 LED Green - 20 W	**051235SS**	1		
• 72 LED White - 16 W	**0512301SS**	1		
• 72 LED Daylight - 16 W	**0512311SS**	1		
• 72 LED Turquoise - 15 W	**0512321SS**	1		
• 72 LED Blue - 15 W	**0512331SS**	1		
• 72 LED Red - 15 W	**0512341SS**	1		
• 72 LED Green - 15 W	**0512351SS**	1		

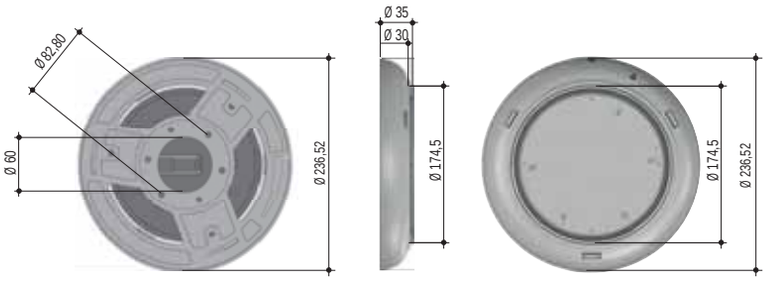




Patented Bayonet "Click" System

"MAXI-Clicker" Underwater Light without Niche; Ditto, but RGB Changing Color.
For built in PCB models there are 13 different lighting patterns.
For central PCB models there are 16 different lighting patterns.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 72 LED RGB - Built-in Control - 20 W	**051236SS**	1		
• 72 LED RGB - Center Control - 20 W	**051237SS**	1		
• 72 LED RGB - Built-in Control - 15 W	**0512361SS**	1		
• 72 LED RGB - Center Control - 15 W	**0512371SS**	1		





051230101
Rear View

We reserve our right to change all or part of the features of the articles or contents of this document, without prior notice.

AISI 304/316

"New Generation"

Product Video



2 years Parts WARRANTY

CE

Underwater Lights for Concrete Pools - St. Steel

MIDI-Clicker-INOX

Underwater Light without Niche, Single Color.

Designed for stairs, small pools and spas. **Frame** made of AISI 304 grade Stainless Steel. Complete with 72 SMD LEDs: Polycarbonate light body, epoxy PCB and cable of 1 m length. 120° - IP68Consists of wall bracket and the light w/frame. After fixing the bracket on pool wall by means of stainless steel screws, **it is very easy to fix the fram onto the bracket by a 30º clockwise turn. Just turn & click! In order to remove it, push a screw driver on to the button gently and turn the frame 30º counter clockwise. 2 Year Leakage Warranty.** The light, without the frame, can be used as a replacement bulb for LED conversion of all PAR56 products available in the market. **This product is patented. For 316 quality Stainless Steel option, 01 should be added to the end of product codes below, and 40% should be added to the price.**



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 72 LED White - 10 W	**051160ESS**	1		
• 72 LED Daylight - 10 W	**051161ESS**	1		
• 72 LED Turquoise - 9 W	**051162ESS**	1		
• 72 LED Blue - 9 W	**051163ESS**	1		
• 72 LED Red - 9 W	**051164ESS**	1		
• 72 LED Green - 9 W	**051165ESS**	1		



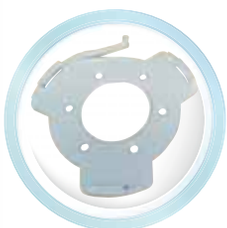
Patented Bayonet "Click" System

"MIDI-Clicker" Underwater Light without Niche; Ditto, but RGB Changing Color.
For built in PCB models there are 13 different lighting patterns.
For central PCB models there are 16 different lighting patterns.

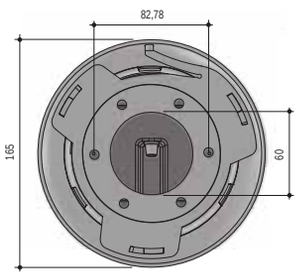
Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 72 LED RGB - Built-in Control -9 W	**051170ESS**	1		
• 72 LED RGB - Central Control -9 W	**051171ESS**	1		



Rear View



051116003
Wall Mounting Bracket







We reserve our right to change all or part of the features of the articles or contents of this document, without prior notice.

Underwater Lights for Concrete Pools - AISI 304 St. Steel

New Generation

AISI 304/316

Product Video

MINI-Clicker-INOX

Underwater Light without Niche, Single Color.

2 years Parts WARRANTY



Designed for stairs, small pools and spas. **Frame** made of AISI 304 grade Stainless Steel. Complete with 36 SMD LEDs: Polycarbonate light body, epoxy PCB and cable of 1 m length 120° - IP68. Consists of wall bracket and the light w/frame. After fixing the bracket on pool wall by means of stainless steel screws, **it is very easy to fix the frame onto the bracket by a 30º clockwise turn. Just turn & click! In order to remove it, push a screw driver on to the button gently and turn the frame 30º counter clockwise. 2 Year Leakage Warranty.** The light, without the frame, can be used as a replacement bulb for LED conversion of all PAR56 products available in the market. **This product is patented. For 316 quality Stainless Steel option, 01 should be added to the end of product codes below, and 40% should be added to the price.**

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 36 LED White - 7 W	**051180SS**	1		
• 36 LED Daylight - 7 W	**051181SS**	1		
• 36 LED Turquoise - 4 W	**051182SS**	1		
• 36 LED Blue - 4 W	**051183SS**	1		
• 36 LED Red - 4 W	**051184SS**	1		
• 36 LED Green - 4 W	**051185SS**	1		

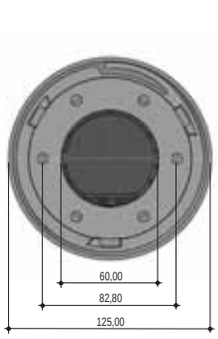


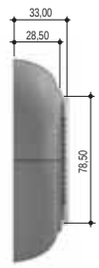
"MINI-Clicker" Underwater Light without Niche; Ditto, but RGB Changing Color.
For built in PCB models there are 13 different lighting patterns.
For central PCB models there are 16 different lighting patterns.

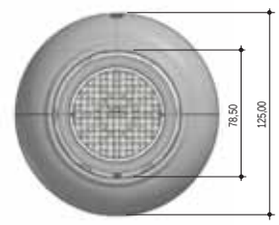
Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 36 LED RGB-Built-in Control -4 W	**051190SS**	1		
• 36 LED RGB-Central Control -4 W	**051191SS**	1		



Patented Bayonet "Click" System

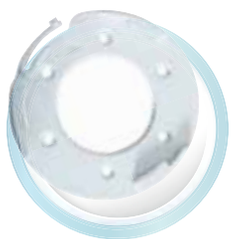








Rear View



051118003
Wall Mounting Bracket

We reserve our right to change all or part of the features of the articles or contents of this document, without prior notice.

Underwater Lights for Liner Pools



"SlimLED"

Underwater Light without Niche, Silicone Filled, Single Color.
Frame made of ABS Plastic. Polycarbonate light body with a choice of LED quantities and powers, embedded into a special transparent silicone. Complete with epoxy PCB and cable of 2 m length. 120° - IP68.
Wall mounting is done by fixing the light directly onto the pool wall with stainless steel screws and plugs. Optional wall mounting bracket is available. **2 Year Leakage Warranty.**
The light, without the frame, can be used as a replacement bulb for LED conversion of all PAR56 products available on the market. **Max. operating temperature 30°.**



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 252 LED White - 50 W	**052140**	1	1,050	0,005
• 252 LED Daylight - 50 W	**052141**	1	1,050	0,005
• 81 LED White - 35 W Aluminium PCB	**052130**	1	1,050	0,005
• 81 LED Daylight - 35 W Aluminium PCB	**052131**	1	1,050	0,005

PS: Other Single Color prices are the same. The last digit of the product code should be changed to the following - for Turquoise 2, for Blue 3, for Red 4, for Green 5.



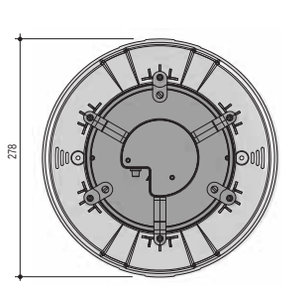
"SlimLED" Underwater Light without Niche; Ditto, but RGB Changing Color.
For built in PCB models there are 13 different lighting patterns.
For central PCB models there are 16 different lighting patterns.

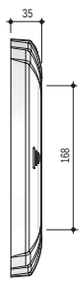
Description	Code	Pieces/ box	Weight Kg	Volume m^3
Central Control				
• 252 LED RGB, 36 W Aluminium PCB	**052155**	1	1,050	0,005
• 90 LED RGB-White, 36 W Aluminium PCB	**052152**	1	1,050	0,005
• 81 LED RGB, 30 W	**052157**	1	1,050	0,005
• **Built-in Control**				
• 252 LED RGB, 36 W Aluminium PCB	**052153**	1	1,050	0,005
• 90 LED RGB-White, 36 W Aluminium PCB	**052150**	1	1,050	0,005
• 81 LED RGB, 30 W	**052156**	1	1,050	0,005

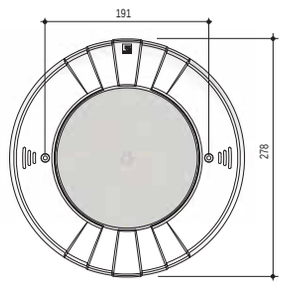




052160E01
(Wall mounted lamps)









0521403
(Polyester Pool Mounting Kit)



051130EY01
Optional Wall Mounting Bracket

We reserve our right to change all or part of the features of the articles or contents of this document, without prior notice.



NEW !

2 years Parts WARRANTY

Underwater Lights for Liner Pools

ECO Slim 2025 LED

Underwater Light without Niche, Single Color.

Frame made of ABS or Transparent Plastic. Complete with 72 SMD LEDs: Polycarbonate light body, epoxy PCB and cable of 1,25 m length. 120° - IP68. Wall mounting is done by fixing the light directly onto the pool wall with stainless steel screws and plugs. Optional wall mounting bracket is available. **Max. operating temperature 30°.**

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 72 LED White - 16 W	**052120EO**	1	0,835	0,005
• 72 LED Daylight - 16 W	**052121EO**	1	0,835	0,005
• 72 LED Turquoise - 15 W	**052122EO**	1	0,835	0,005
• 72 LED Blue - 15 W	**052123EO**	1	0,835	0,005
• 72 LED Red - 15 W	**052124EO**	1	0,835	0,005
• 72 LED Green - 15 W	**052125EO**	1	0,835	0,005
• Optional Wall Mounting Bracket	**051130EY01**			

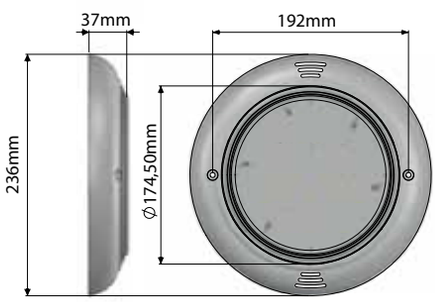


"ECOSlim2025 LED" Underwater Light without Niche; Ditto, but RGB Changing Color.
For built in PCB models there are 13 different lighting patterns.
For central PCB models there are 16 different lighting patterns. Lighting patterns are changed by remote control. **For self control PCB models there are not include remote control.**(optional).

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 72 LED RGB-Built-in Control-15 W	**051126EO**	1	0,835	0,005
• 72 LED RGB-Self Control-15 W	**051126SCEO**			
• 72 LED RGB-Central Control-15 W	**051127EO**	1	0,835	0,005
• Optional Wall Mounting Bracket	**051130EY01**			
• Remote control with 4 buttons for RGB LED	**05092A3Y01**			



05092A3Y01





051130EY01
Optional wall mounting bracket



052160E01
(Wall mounted lamps)



0521403
(Polyester Pool Mounting Kit)

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2 years Parts WARRANTY

NEW !

Underwater Lights for Liner Pools

Silicone-Filled Slim 2025 LED

Underwater Pool Lighting Lamp

Frame made of white ABS plastic.
Complete with 252, 81 and 72 SMD LEDs;
Polycarbonate light body, epoxy PCB and cable of 2 m length. 120°-IP68.
Wall mounting is done by fixing the light directly onto the pool wall with stainless steel screws and plugs. The frameless lamp can be used as a replacement bulb for LED conversion in all PAR56 bulb products available on the market. 2-year leak-proof guarantee.
Max. operating temperature 30°.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 252 LED White - 50 W	**052270SF**	1	1,050	0,005
• 252 LED Daylight - 50 W	**052271SF**	1	1,050	0,005
• 81 LED White - 35 W	**052280SF**	1	1,050	0,005
• 81 LED Daylight - 35 W	**052281SF**	1	1,050	0,005
• 72 LED White - 16 W	**052290SF**	1	1,050	0,005
• 72 LED Daylight - 16 W	**052291SF**		1,050	0,005
• Optional Wall Mounting Bracket	**051130EY01**			

Not: Prices for other solid colors are the same. The last digit of the code should be 2 for Turquoise, 3 for Blue, 4 for Red, and 5 for Green.



051130EY01
Optional wall mounting bracket

Ditto, but RGB Changing Color.
For built in PCB models there are 13 different lighting patterns. For central PCB models there are 16 different lighting patterns.

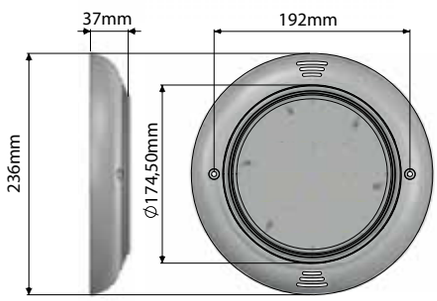
Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Central Control				
• 252 LED RGB, 36 W	**052277SF**	1	1,050	0,005
• 81 LED RGB, 30 W	**052287SF**	1	1,050	0,005
• 72 LED RGB, 15 W	**052297SF**	1	1,050	0,005
• Built-in Control				
• 252 LED RGB, 36 W	**052276SF**	1	1,050	0,005
• 81 LED RGB, 30 W	**052286SF**	1	1,050	0,005
• 72 LED RGB, 15 W	**052296SF**	1	1,050	0,005



052160E01
(Wall mounted lamps)



0521403
(Polyester Pool Mounting Kit)



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Underwater Lights for Liner Pools

MAXI-Clicker



Product Video

Underwater Light without Niche, Single Color.
Frame made of ABS Plastic complete with 72 SMD LED. Polycarbonate light body, epoxy PCB cable of 1.25 m length 120° - IP68. Consists of wall bracket and the light w/frame. After fixing the bracket on pool wall by means of stainless steel screws, **it is very easy to fix the frame onto the bracket by a 30° clockwise turn. Just turn & click! In order to remove it, push a screw driver on to the button gently and turn the frame 30° counter clockwise. 2 Year Leakage Warranty.** The light, without the frame, can be used as a replacement bulb for LED conversion of all PAR56 products available in the market. **This product is patented.**

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 72 LED White - 30 W Aluminium PCB	**052230**	1		
• 72 LED Daylight - 30 W Aluminium PCB	**052231**	1		
• 72 LED Turquoise - 20 W	**052232**	1		
• 72 LED Blue - 20 W	**052233**	1		
• 72 LED Red - 20 W	**052234**	1		
• 72 LED Green - 20 W	**052235**	1		
• 72 LED White - 16 W	**0522301**	1		
• 72 LED Daylight - 16 W	**0522311**	1		
• 72 LED Turquoise - 15 W	**0522321**	1		
• 72 LED Blue - 15 W	**0522331**	1		
• 72 LED Red - 15 W	**0522341**	1		
• 72 LED Green - 15 W	**0522351**	1		



Patented Bayonet “Click” System

“MAXI-Clicker” Underwater Light without Niche; Ditto, but RGB Changing Color.
For built in PCB models there are 13 different lighting patterns.
For central PCB models there are 16 different lighting patterns.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 72 LED RGB - Built-in Control - 20 W	**052236**	1		
• 72 LED RGB - Center Control - 20 W	**052237**	1		
• 72 LED RGB - Built-in Control - 15 W	**0522361**	1		
• 72 LED RGB - Center Control - 15 W	**0522371**	1		



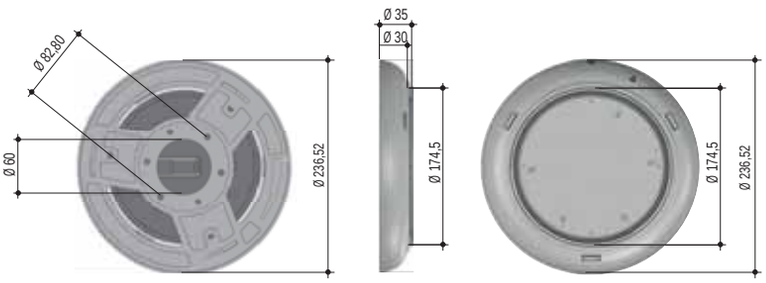
Rear View

“MAXI-Clicker” Underwater Light without Niche, Mounting Kits.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Liner panel pool mounting kit (2’’ with nut)	**052160E01**	1	0,300	0,003
• Polyester pool mounting kit (2’’ with nut)	**05223003**	1	0,300	0,003



052160E01





05223003
Polyester Pool Mounting Kit

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Underwater Lights for Liner Pools

2 years Parts WARRANTY

NEW !

Product Video

Silicone Filled MAXI-Clicker



The frame is made of ABS plastic. 252,81 and 72 SMD LED; Polycarbonate light body, epoxy PCB and cable of 2 m length. 120° - IP68 Consists of wall bracket and the light w/frame. After fixing the bracket on pool wall by means of stainless steel screws, **it is very easy to fix the frame onto the bracket by a 30° clockwise turn. Just turn & click! In order to remove it, push a screw driver on to the button gently and turn the frame 30° counter clockwise.**

2 Year Leakage Warranty.
The light, without the frame, can be used as a replacement bulb for LED conversion of all PAR56 products available in the market.
This product is patented.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 252 LED White - 50 W	**052240SF**	1		
• 252 LED Daylight - 50 W	**052241SF**	1		
• 81 LED White - 30 W	**052250SF**	1		
• 81 LED Daylight - 30 W	**052251SF**	1		
• 72 LED White - 16 W	**052260SF**	1		
• 72 LED Daylight - 16 W	**052261SF**	1		



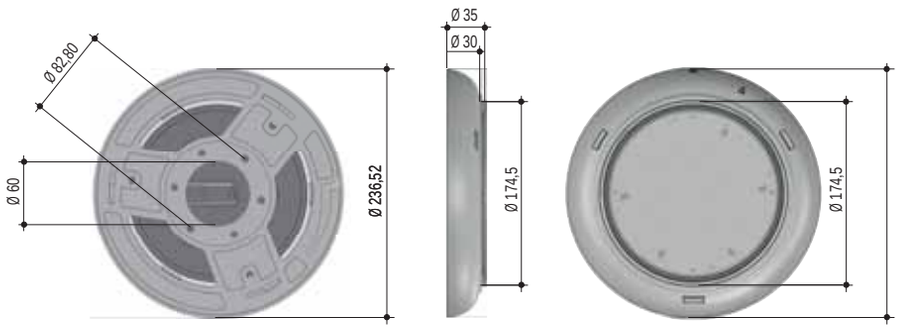
Patented Bayonet "Click" System

Ditto, but RGB Changing Color.
For built in PCB models there are 13 different lighting patterns.
For central PCB models there are 16 different lighting patterns.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Center Control				
• 252 LED RGB, 36 W	**052247SF**	1		
• 81 LED RGB, 20 W	**052257SF**	1		
• 72 LED RGB, 15 W	**052267SF**	1		
• Built-in Control				
• 252 LED RGB, 36 W	**052246SF**	1		
• 81 LED RGB, 20 W	**052256SF**	1		
• 72 LED RGB, 15 W	**052266SF**	1		



Rear View





05223003
Polyester Pool Mounting Kit



052160E01
(Wall mounted lamps)

We reserve our right to change all or part of the features of the articles or contents of this document, without prior notice.

Product Video



2 years Parts WARRANTY

Underwater Lights for Liner Pools

MIDI-Clicker

Underwater Light without Niche, Single Color.
Designed for stairs, small pools and spas.
Frame made of ABS Plastic.
Complete with 72 SMD LEDs: Polycarbonate light body, epoxy PCB and 2 x 0,75 mm cable of 1 m length and Liner Pool Wall Mounting Kit (0521402). 120° - IP68. Consists of wall bracket and the light w/frame.
After fixing the bracket on pool wall by means of stainless steel screws, **it is very easy to fix the frame onto the bracket by a 30º clockwise turn. Just turn & click! In order to remove it, push a screw driver on to the button gently and turn the frame 30º counter clockwise. 2 Year Leakage Warranty.**

NEW !

Silicone Filled
051160SF

Description	Code	Silicone Filled Code	Pieces/ box	Weight Kg	Volume m^3
• 72 LED White - 10 W	**052160E**	**052160SF**	1		
• 72 LED Daylight - 10 W	**052161E**	**052161SF**	1		
• 72 LED Turquoise - 9 W	**052162E**	**052162SF**	1		
• 72 LED Blue - 9 W	**052163E**	**052163SF**	1		
• 72 LED Red - 9 W	**052164E**	**052164SF**	1		
• 72 LED Green - 9 W	**052165E**	**052165SF**	1		



Patented Bayonet “Click” System

“MIDI-Clicker” Underwater Light without Niche; Ditto, but RGB Changing Color.
For built in PCB models there are 13 different lighting patterns.
For central PCB models there are 16 different lighting patterns.

Description	Code	Silicone Filled Code	Pieces/ box	Weight Kg	Volume m^3
• 72 LED RGB - Built-in Control -9 W	**052170E**	**052170SF**	1		
• 72 LED RGB - Central Control -9 W	**052171E**	**052171SF**	1		



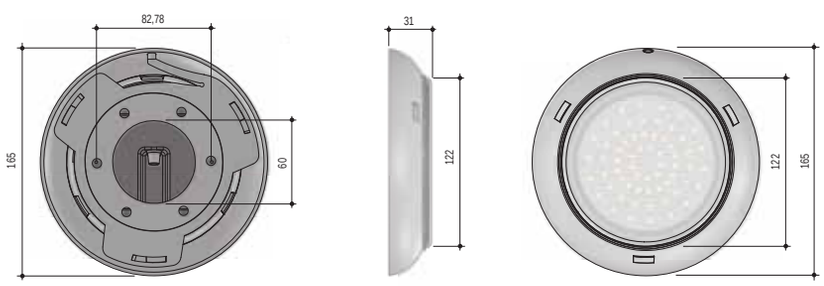
051116003

“MIDI-Clicker” Underwater Light without Niche Mounting Kits.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Liner panel pool mounting kit (2’’ with nut)	**052160E01**	1	0,300	0,003
• Polyester pool mounting kit (2’’ with nut)	**052160E03**	1	0,300	0,003



052160E01
(Wall mounted lamps)





05223003

We reserve our right to change all or part of the features of the articles or contents of this document, without prior notice.

Underwater Lights for Liner Pools

2 years Parts WARRANTY



NEW !



Silicone Filled
051180SF

Product Video

CE

MINI-Clicker

Underwater Light without Niche, Single Color.

Designed for stairs, small pools and spas. Underwater light without niche.
Single color, frame made of ABS Plastic complete with 36 SMD LED.
Polycarbonate light body, epoxy PCB and cable of 1,0 m length.
It is complete with Liner Installation Kit (052160E01). 120° - IP68.
Consists of wall bracket and the light w/frame. After fixing the bracket on pool wall by means of stainless steel screws, **it is very easy to fix the frame onto the bracket by a 30° clockwise turn. Just turn & click! In order to remove it, push a screw driver on to the button gently and turn the frame 30° counter clockwise. 2 Year Leakage Warranty.** This product **is patented.**



Patented Bayonet
"Click" System

Description	Code	Silicone Filled Code	Pieces/ box	Weight Kg	Volume m^3
• 36 LED White - 7 W	**052180**	**052180SF**	1		
• 36 LED Daylight - 7 W	**052181**	**052181SF**	1		
• 36 LED Turquoise - 4 W	**052182**	**052182SF**	1		
• 36 LED Blue - 4 W	**052183**	**052183SF**	1		
• 36 LED Red - 4 W	**052184**	**052184SF**	1		
• 36 LED Green - 4 W	**052185**	**052185SF**	1		



051118003

"MINI-Clicker" Underwater Light without Niche; Ditto, but RGB Changing Color.
For built in PCB models there are 13 different lighting patterns.
For central PCB models there are 16 different lighting patterns.

Description	Code	Silicone Filled Code	Pieces/ box	Weight Kg	Volume m^3
• 36 LED RGB-Built-in Control -4 W	**052190**	**052190SF**	1		
• 36 LED RGB-Central Control -4 W	**052191**	**052191SF**	1		

"MINI-Clicker" Underwater Light without Niche, Mounting Kits.

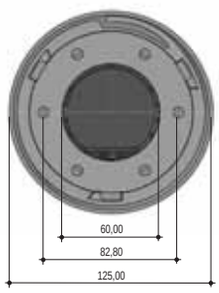
Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Liner panel pool mounting kit (2'' with nut)	**052160E01**	1	0,300	0,003
• Polyester pool mounting kit (2'' with nut)	**052180E03**	1	0,300	0,003

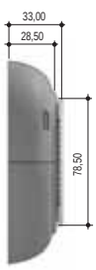


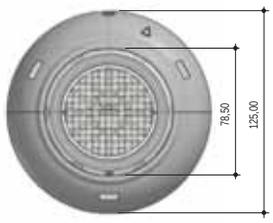
052160E01
(Wall mounted lamps)
Liner Pool Installation Kit



052180E03
Polyester Pool Mounting Kit







We reserve our right to change all or part of the features of the articles or contents of this document, without prior notice.

AISI 304/316



Underwater Lights for Liner Pools - St. Steel

Slim LED-INOX

Underwater Light without Niche, Silicone Filled, Single Color.
Frame made of AISI 304 grade Stainless Steel. Polycarbonate light body with a choice of LED quantities and powers embedded into a special transparent silicone. Complete with Aluminium PCB. Cable of 2 m length. 120° - IP68. Wall mounting is done by screwing the wall mounting bracket directly to the pool wall. A single screw then attaches the light to the bracket making it easy to lift the light out of the pool. **2 Year Leakage Warranty. For AISI 316 grade stainless steel option, 01 should be added to the end of product codes below and 40% should be added to the price. Max. operating temperature 30°.**

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 252 LED White - 50 W	**052140SS**	1	1,400	0,008
• 252 LED Daylight - 50 W	**052141SS**	1	1,400	0,008
• 252 LED Turquoise - 36 W	**052142SS**	1	1,400	0,008
• 252 LED Blue - 36 W	**052143SS**	1	1,400	0,008
• 252 LED Red - 36 W	**052144SS**	1	1,400	0,008
• 252 LED Green - 36 W	**052145SS**	1	1,400	0,008



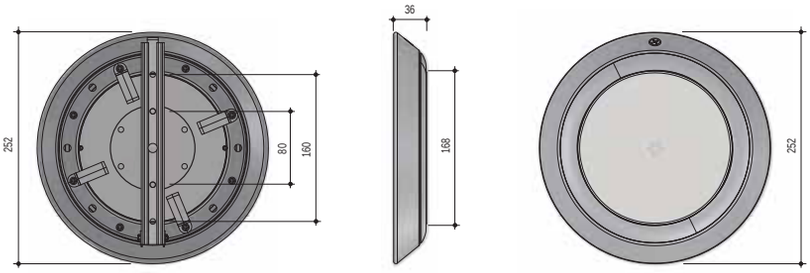
"SlimLED-INOX" Underwater Light without Niche; Ditto, but RGB Changing Color.
For built in PCB models there are 13 different lighting patterns.
For central PCB models there are 16 different lighting patterns.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 252 LED RGB, 36 W - Built-in Control	**052153SS**	1	1,400	0,008
• 252 LED RGB, 36 W - Central Control	**052155SS**	1	1,400	0,008

Note: For RGB 81 LED and RGB 90 LED options with stainless steel frame, please add SS to the end of the product codes on page 127, request 'Liner Pool' and ask for price.



Rear View





Liner Wall Mount Bracket

We reserve our right to change all or part of the features of the articles or contents of this document, without prior notice.

Underwater Lights for Liner Pools - St. Steel

AISI 304/316

Slim LED-INOX CLICK



Underwater Light without Niche, Silicone Filled, Single Color.
Frame made of AISI 304 grade Stainless Steel.
Polycarbonate light body with a choice of LED quantities and powers embedded into a special transparent silicone. Complete with Aluminium PCB.
Cable of 2 m length and Liner Pool Wall Mounting Kit (0521402). 120° - IP68.
Wall mounting is done by screwing the wall mounting bracket directly to the pool wall. After the excess cable is wrapped, the light frame is easily slotted onto the mounting bracket (no screw required). This allows for very easy removal of the light out of the pool. By means of a screw driver. **2 Year Leakage Warranty. For AISI 316 grade stainless steel option, 01 should be added to the end of the product codes below and 40% should be added to the price. Max. operating temperature 30°.**



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 252 LED White - 50 W	**052140SSC**	1	1,400	0,008
• 252 LED Daylight- 50 W	**052141SSC**	1	1,400	0,008
• 252 LED Turquoise - 36 W	**052142SSC**	1	1,400	0,008
• 252 LED Blue - 36 W	**052143SSC**	1	1,400	0,008
• 252 LED Red - 36 W	**052144SSC**	1	1,400	0,008
• 252 LED Green - 36 W	**052145SSC**	1	1,400	0,008

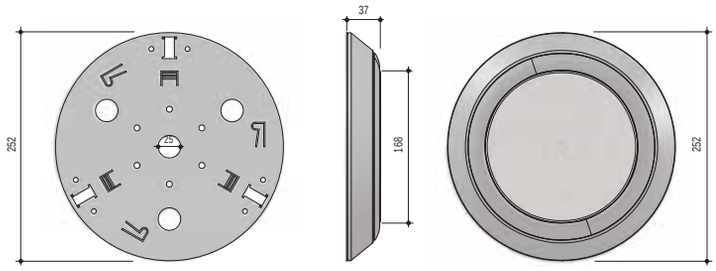
"SlimLED-INOXCLICK" Underwater Light without Niche; Ditto, but RGB Changing Color.
For built in PCB models there are 13 different lighting patterns.
For central PCB models there are 16 different lighting patterns.



Wall Mount Bracket

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 252 LED RGB, 36 W - Built-in Control	**052153SSC**	1	1,400	0,008
• 252 LED RGB, 36 W - Centrally Control	**052155SSC**	1	1,400	0,008

Note: For "INOXCLICK" in RGB 81 LED and RGB 90 LED please add SSC to the end of the product codes on page 128, request 'Liner Pool' and ask for price.



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AISI 304/316

Underwater Lights for Liner Pools - St. Steel



Product Video

2 years Parts WARRANTY

MAXI-Clicker-INOX

Underwater Light without Niche, Single Color.

Frame made of AISI 304 Stainless Steel complete with 72 SMD LED. Polycarbonate light body, epoxy PCB and 2 x 0,75 mm cable of 1,25 mlength and Liner Pool Wall Mounting Kit. 120° - IP68. Consists of wall bracket and the light w/frame. After fixing the bracket on pool wall by means of stainless steel screws, **it is very easy to fix the frame onto the bracket by a 30º clockwise turn. Just turn & click! In order to remove it, push a screw driver on to the button gently and turn the frame 30º counter clockwise. 2 Year Leakage Warranty.**

The light, without the frame, can be used as a replacement bulb for LED conversion of all PAR56 products available in the market. **This product is patented. For 316 quality Stainless Steel option, 01 should be added to the end of product codes below, an 40% should be added to the price.**

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 72 LED White - 30 W Aluminium PCB	**052230SS**	1		
• 72 LED Daylight - 30 W Aluminium PCB	**052231SS**	1		
• 72 LED Turquoise - 20 W	**052232SS**	1		
• 72 LED Blue - 20 W	**052233SS**	1		
• 72 LED Red - 20 W	**052234SS**	1		
• 72 LED Green - 20 W	**052235SS**	1		
• 72 LED White - 16 W	**0522301SS**	1		
• 72 LED Daylight - 16 W	**0522311SS**	1		
• 72 LED Turquoise - 15 W	**0522321SS**	1		
• 72 LED Blue - 15 W	**0522331SS**	1		
• 72 LED Red - 15 W	**0522341SS**	1		
• 72 LED Green - 15 W	**0522351SS**	1		





Patented Bayonet “Click” System

“MAXI-Clicker-INOX” Underwater Light without Niche; Ditto, but RGB Changing Color.
For built in PCB models there are 13 different lighting patterns.
For central PCB models there are 16 different lighting patterns.

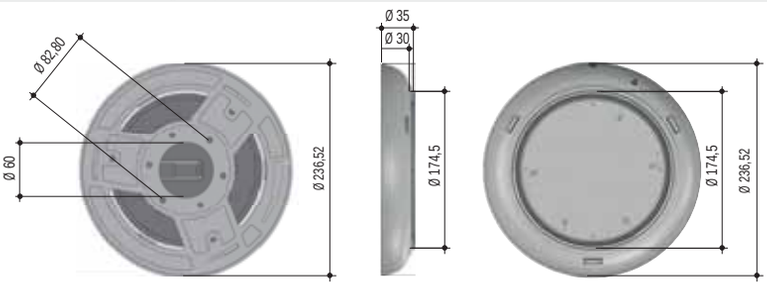
Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 72 LED RGB - Built-in Control - 20 W	**052236SS**	1		
• 72 LED RGB - Center Control - 20 W	**052237SS**	1		
• 72 LED RGB - Built-in Control - 15 W	**0522361SS**	1		
• 72 LED RGB - Center Control - 15 W	**0522371SS**	1		

“MAXI-Clicker” Underwater Light without Niche Mounting Kits.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
Liner panel pool mounting kit (2’’ with nut)	**052160E01**	1	0,300	0,003
Polyester pool mounting kit (2’’ with nut)	**05223003**	1	0,300	0,003



052160E01
(Wall mounted lamps)





05223003
Polyester Pool Mounting Kit

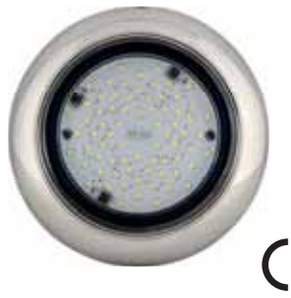
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Underwater Lights for Liner Pools - St. Steel

AISI 304/316

2 years Parts WARRANTY

Product Video



MIDI-Clicker-INOX

Underwater Light without Niche, Single Color.

Designed for stairs, small pools and spas. **Frame** made of AISI 304 Stainless Steel complete with 72 SMD LED. Polycarbonate light body, epoxy PCB and 2 x 0,75 mm cable of 1,0 m length and It is complete with Liner Installation Kit (052160E01). 120° - IP68. Consists of wall bracket and the light w/frame. After fixing the bracket on pool wall by means of stainless steel screws, **it is very easy to fix the frame onto the bracket by a 30° clockwise turn. Just turn & click! In order to remove it, push a screw driver on to the button gently and turn the frame 30° counter clockwise. 2 Year Leakage Warranty.** The light, without the frame, can be used as a replacement bulb for LED conversion of all PAR38 products available in the market. **This product is atented. For 316 quality Stainless Steel option, 01 should be added to the end of product codes below, and 40% should be added to the price.**



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 72 LED White - 10 W	**052160ESS**	1		
• 72 LED Daylight - 10 W	**052161ESS**	1		
• 72 LED Turquoise - 9 W	**052162ESS**	1		
• 72 LED Blue - 9 W	**052163ESS**	1		
• 72 LED Red - 9 W	**052164ESS**	1		
• 72 LED Green - 9 W	**052165ESS**	1		



Patented Bayonet "Click" System

"MIDI-Clicker-INOX" Underwater Light without Niche; Ditto, but RGB Changing Color. For built in PCB models there are 13 different lighting patterns. For central PCB models there are 16 different lighting patterns.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 72 LED RGB - Built-in Control -9 W	**052170ESS**	1		
• 72 LED RGB - Central Control -9 W	**052171ESS**	1		



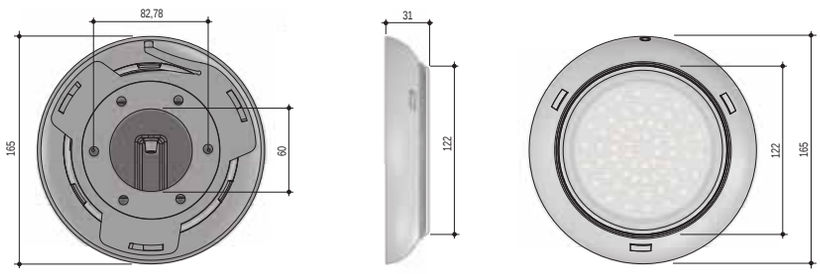
052160E01
(Wall mounted lamps)

"MIDI-Clicker" Underwater Light without Niche Mounting Kits.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Liner panel pool mounting kit (2'' with nut)	**052160E01**	1	0,300	0,003
• Polyester pool mounting kit (2'' with nut)	**052160E03**	1	0,300	0,003



052160E03



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AISI 304/316

Product Video



Underwater Lights for Liner Pools - St. Steel

MINI-Clicker-INOX

Underwater Light without Niche, Single Color.

Designed for stairs, small pools and spas. **Frame** made of AISI 304 Stainless Steel complete with 36 SMD LED. Polycarbonate light body, epoxy PCB and 2 x 0,75 mm cable of 1,0 m length and Liner Pool Wall Mounting Kit. 120° - IP68. Consists of wall bracket and the light w/frame. After fixing the bracket on pool wall by means of stainless steel screws, **it is very easy to fix the frame onto the bracket by a 30º clockwise turn. Just turn & click! In order to remove it, push a screw driver on to the button gently and turn the frame 30º counter clockwise. 2 Year Leakage Warranty.** The light, without the frame, can be used as a replacement bulb for LED conversion of all PAR38 products available in the market. **This product is patented. For 316 quality Stainless**

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 36 LED White - 7 W	**052180SS**	1		
• 36 LED Daylight - 7 W	**052181SS**	1		
• 36 LED Turquoise - 4 W	**052182SS**	1		
• 36 LED Blue - 4 W	**052183SS**	1		
• 36 LED Red - 4 W	**052184SS**	1		
• 36 LED Green - 4 W	**052185SS**	1		



"MINI-Clicker-INOX" Underwater Light without Niche; Ditto, but RGB Changing Color. For built in PCB models there are 13 different lighting patterns. For central PCB models there are 16 different lighting patterns.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 36 LED RGB-Built-in Control -4 W	**052190SS**	1		
• 36 LED RGB-Central Control -4 W	**052191SS**	1		



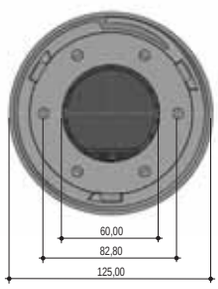
Patented Bayonet "Click" System

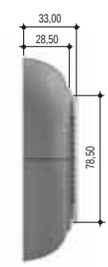
"MINI-Clicker" Underwater Light without Niche Mounting Kits.

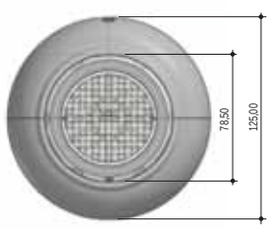
Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Liner panel pool mounting kit (2'' with nut)	**052160E01**	1	0,300	0,003
• Polyester pool mounting kit (2'' with nut)	**052180E03**	1	0,300	0,003



052160E01
(Wall mounted lamps)









052180E03
Polyester Pool Mounting Kit

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Hang Over Underwater LED Light for Prefbricated Pools

"New Generation"

2 years Parts WARRANTY



"Hang Over"
Underwater LED Light.
Hang Over Underwater LED Light specifically designed for DIY installation to above ground pools.
Complete with 50 W/12 V AC transformer, 5 + 2 meters cable. The product is ready to be connected to 220 V AC to start function. Easy DIY install with two screws to pool coping.
Optional elongation part (13,5 cm) to be used to install at deeper levels.

Technical Features:
- Special, elegant, stylish and patented design
- Easy snap mechanism by design
- In IP68 protection, class III
- Ability to direct connect 220-230 V / 50-60 Hz network line

CE





"Hang Over" Underwater LED Light. Single Color.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 72 LED White - 16 W	**0511611**	1		
• 72 LED Daylight - 16 W	**0511612**	1		
• 72 LED Turquoise - 13 W	**0511613**	1		
• 72 LED Blue - 13 W	**0511614**	1		
• 72 LED Red - 13 W	**0511615**	1		
• 72 LED Green - 13 W	**0511616**	1		

"Hang Over" Underwater LED Light. RGB Changing Color

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 72 LED RGB-Built-in Control - 13 W	**0511711**	1		



Easy DIY Installation



50W/12VAC Transformer

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Underwater Lights for Concrete

SUPER ECO Slim LED

NEW !

2 years Parts WARRANTY



Underwater Pool Lighting Lamp

The frame is made of white ABS plastic, equipped with a niche. Complete with 72 SMD LEDs, a polycarbonate lamp body, an epoxy PCB, and a 1.25 m long 2 x 0.75 m² cable. 120° beam angle - IP68. Thanks to its slim frame, its protrusion from the wall into the pool is minimized. Wall mounting is completed by recessing an 8.5 cm deep shallow niche into the concrete wall; it comes complete with its niche. **Adaptation of the lamp (excluding the niche) to existing Standard 2002 and Standard 95 lamp niches is extremely easy and possible.** Its special design allows for quick and easy installation without requiring any bolts. **Max. operating temperature is 30°C. 2-year waterproof warranty.**

SINGLE COLORS



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 72 LED White - 16 W	**051400-051130ER**	1		
• 72 LED Daylight - 16 W	**051400-051131ER**	1		
• 72 LED Turquoise - 15 W	**051400-051132ER**	1		
• 72 LED Blue - 15 W	**051400-051133ER**	1		
• 72 LED Red - 15 W	**051400-051134ER**	1		
• 72 LED Green - 15 W	**051400-051135ER**	1		

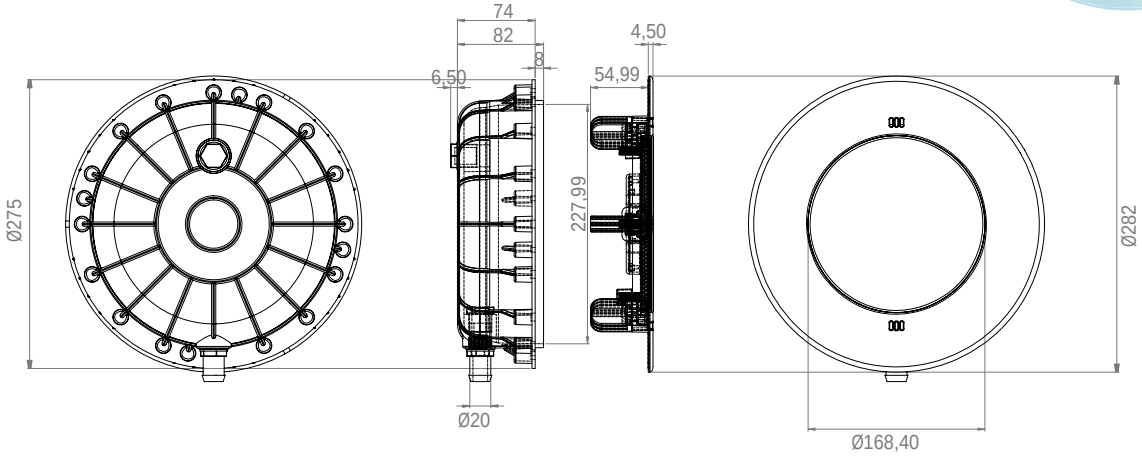
PS: * For lamps without a niche, "N" must be added after the first code. Example: 051400N-051130ER

RGB COLORS

For built in RGB models there are 13 different lighting patterns. For central RGB models there are 16 different lighting patterns.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 72 LED RGB-Built-in Control-15 W (Two-wire)	**051400-051150ER**	1		
• 72 LED RGB-Central Control-15 W	**051400-051152ER**	1		



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Underwater Lights for Concrete

2 years Parts WARRANTY

NEW !

SUPER Slim LED

Underwater Pool Lighting Lamp

The frame is made of white ABS plastic, equipped with a niche. Complete with a polycarbonate lamp body embedded in special transparent silicone with various LED quantities and power ratings, an SMD LED PCB, a 2 m long 2 x 1.5 mm² cable, and its niche. 120° beam angle - IP68. Thanks to its slim frame, its protrusion from the wall into the pool is minimized. Wall mounting is completed by recessing an 8.5 cm deep shallow niche into the concrete wall; it comes complete with its niche.Adaptation of the lamp (excluding the niche) to existing Standard 2002 and Standard 95 lamp niches is extremely easy and possible.Its special design allows for quick and easy installation without requiring any bolts. **Max. operating temperature is 30°C. 2-year waterproof warranty.**





SINGLE COLORS

Description	Code	Pieces/ box
• **Complete Lamp,** 252 LED White - 50 W	**051400-051140L**	1
• **Complete Lamp,** 252 LED Daylight - 50 W	**051400-051141L**	1
• **Complete Lamp,** 81 LED White - 35 W Aluminium PCB	**051400-051130L**	1
• **Complete Lamp,** 81 LED Daylight - 35 W Aluminium PCB	**051400-051131L**	1
• **Complete Lamp Assembly,** without LED	**051400A**	

PS: *Prices are the same as other Single Color models. The last digit of the product code must be 2 for Turquoise, 3 for Blue, 4 for Red, and 5 for Green.
** For lamps without a niche, "N" must be added after the first code. **Example: 051400N-051140L**

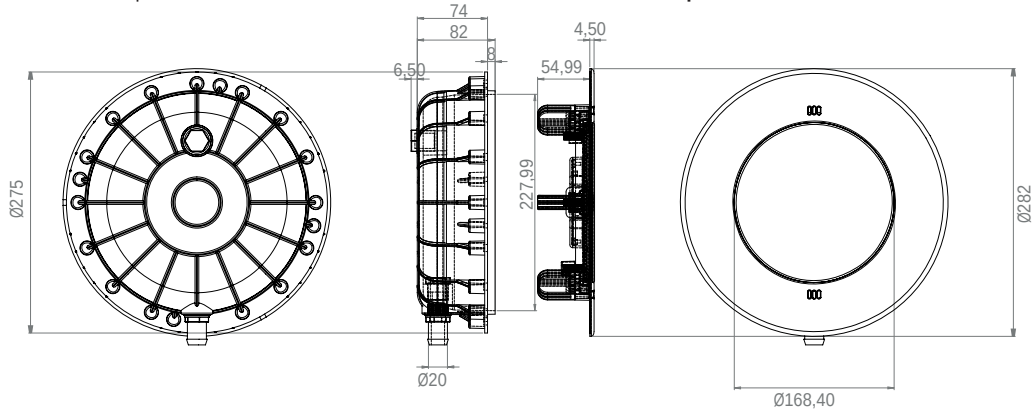


RGB COLORS

For built in RGB models there are 13 different lighting patterns. For central RGB models there are 16 different lighting patterns.

Description	Code	Pieces/ box
Center Control		
• 252 LED RGB, 36 W Aluminium PCB	**051400-051155L**	1
• 90 LED RGB White, 36 W Aluminium PCB	**051400-051152L**	1
• 81 LED RGB, 30 W	**051400-051157L**	1
Built-in Control		
• 252 LED RGB, 36 W Aluminium PCB (Two-wire)	**051400-051153L**	1
• 90 LED RGB-White, 36 W Aluminium PCB (Two-wire)	**051400-051150L**	1
• 81 LED RGB, 30 W (Two-wire)	**051400-051156L**	1

Not: *Prices are the same as other Single Color models. The last digit of the product code must be 2 for Turquoise, 3 for Blue, 4 for Red, and 5 for Green.
** For lamps without a niche, "N" must be added after the first code. **Example: 051400N-051155L**



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Underwater Lights for Concrete

SUPER Slim LED - MIDI

Underwater Pool Lighting Lamp

The frame is made of white ABS plastic, equipped with a niche. Complete with a polycarbonate lamp body. (Silicone filled products embedded in special transparent silicone). 72 SMD LED, epoxy PCB, cable of 1.0 m (Silicone filled 2 m) length and its niche. 120° beam angle - IP68.

Thanks to its slim frame, its protrusion from the wall into the pool is minimized. Wall mounting is completed by recessing an 6 cm deep shallow niche into the concrete wall; it comes complete with its niche. Its special design allows for quick and easy installation without requiring any bolts. **Max. operating temperature is 30°C. 2-year waterproof warranty.**

SINGLE COLORS

Description	Code	Silicone Filled Code	Pieces/ box
• **Complete Lamp,** 72 LED White - 10 W	**051500-051160L**	**051500-051160SFL**	1
• **Complete Lamp,** 72 LED Daylight - 10 W	**051500-051161L**	**051500-051161SFL**	1
• **Complete Lamp,** 72 LED Turquoise - 9 W	**051500-051162L**	**051500-051162SFL**	1
• **Complete Lamp,** 72 LED Blue - 9 W	**051500-051163L**	**051500-051163SFL**	1
• **Complete Lamp,** 72 LED Red - 9 W	**051500-051164L**	**051500-051164SFL**	1
• **Complete Lamp,** 72 LED Green - 9 W	**051500-051165L**	**051500-051165SFL**	1

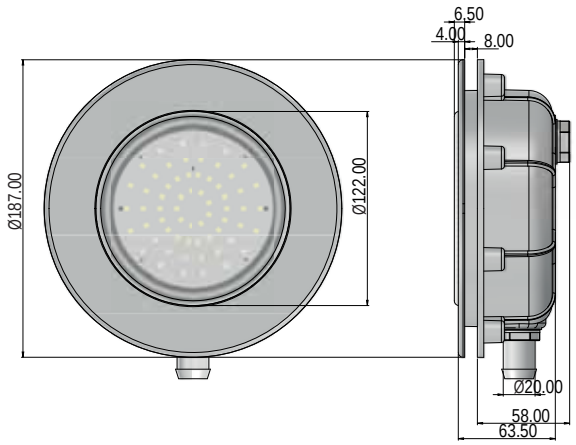
PS: *For lamps without a niche, "N" must be added after the first code. **Example: 051500N-051160L**

RGB COLORS

For built in RGB models there are 13 different lighting patterns. For central RGB models there are 16 different lighting patterns.

Description	Code	Silicone Filled Code	Pieces/ box
• **Complete Lamp,** 72 LED RGB-Built-in Control - 9 W	**051500-051170L**	**051500-051170SFL**	1
• **Complete Lamp,** 72 LED RGB-Center Control - 9 W	**051500-051171L**	**051500-051171SFL**	1

PS: *For lamps without a niche, "N" must be added after the first code. **Example: 051500N-051170L**



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Underwater Lights for Concrete

NEW !

2 years Parts WARRANTY

SUPER SlimLED - MINI

Underwater Pool Lighting Lamp

The frame is made of white ABS plastic, equipped with a niche. Complete with a polycarbonate lamp body. (Silicone filled products embedded in special transparent silicone). 36 SMD LED, epoxy PCB, cable of 1.0 m (Silicone filled 2 m) length and its niche. 120° beam angle - IP68.
Thanks to its slim frame, its protrusion from the wall into the pool is minimized. Wall mounting is completed by recessing an 6 cm deep shallow niche into the concrete wall; it comes complete with its niche. Its special design allows for quick and easy installation without requiring any bolts. **Max. operating temperature is 30°C. 2-year waterproof warranty.**

CE

SINGLE COLORS

Description	Code	Silicone Filled Code	Pieces/ box
• **Complete Lamp,** 36 LED White - 7 W	**051600-051180L**	**051600-051180SFL**	1
• **Complete Lamp,** 36 LED Daylight - 7 W	**051600-051181L**	**051600-051181SFL**	1
• **Complete Lamp,** 36 LED Turquoise - 4 W	**051600-051182L**	**051600-051182SFL**	1
• **Complete Lamp,** 36 LED Blue- 4 W	**051600-051183L**	**051600-051183SFL**	1
• **Complete Lamp,** 36 LED Red- 4 W	**051600-051184L**	**051600-051184SFL**	1
• **Complete Lamp,** 36 LED Green - 4 W	**051600-051185L**	**051600-051185SFL**	1

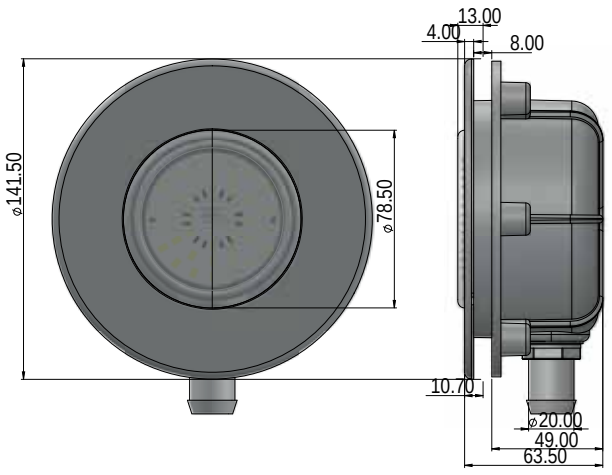
PS: *For lamps without a niche, "N" must be added after the first code. **Example: 051600N-051180L**

RGB COLORS

For built in RGB models there are 13 different lighting patterns. For central RGB models there are 16 different lighting patterns.

Description	Code	Silicone Filled Code	Pieces/ box
• **Complete Lamp,** 36 LED RGB-Built-in Control - 4 W	**051600-051190L**	**051600-051190SFL**	1
• **Complete Lamp,** 36 LED RGB-Center Control - 4 W	**051600-051191L**	**051600-051191SFL**	1

PS: *For lamps without a niche, "N" must be added after the first code. **Example: 051600N-051190L**



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Underwater Lights for Concrete Pools - ABS



051111

2 years Parts WARRANTY

"Standard 95"

Underwater Lights. Frame made of ABS plastic, niche in white plastic. Complete PAR56 SMD LED bulb with 2 x 0,75 mm cable of 2,5 m length. Choice of "Side" or "Bottom" cable outlet on the niche.

Description	Code	Pieces/ box
• Complete light, with 20 W-63 SMD LED	**051111LS**	1
• 051111LS, without LED	**051111A**	1
• 051111LS, without niche	**051111LSN**	1
• 051111LS, without cable, niche and LED	**051111CNA**	1
• 051111LS, without LED and niche	**051111NA**	1
• Niche	**05111110S**	1



"Standard 2002" Underwater Lights. Frame made of ABS plastic, niche in white plastic. Complete PAR56 SMD LED bulb with 2 x 0,75 mm cable of 2,5 m length. Choice of "Side" or "Bottom" cable outlet on the niche.



Description	Code	Pieces/ box
• Complete light, with 20 W-63 SMD LED	**051114LS**	1
• 051114LS, without LED	**051114A**	1
• 051114LS, without cable, niche and LED	**051114CNA**	1
• 051114LS, without LED and niche	**051114NA**	1
• Complete light, with locking 20 W-63 SMD LED	**051115LS**	1
• 051115LS, without LED	**051115A**	1
• 051115LS, without niche and LED	**051115NA**	1
• 051115LS, without cable, niche and LED	**051115CNA**	1
• Niche	**05111410S**	1
• Modular niche extension	**0511411**	1



"Standard 2004" Underwater Lights. Frame made of ABS plastic, niche in white plastic. Complete PAR56 SMD LED bulb with 2 x 0,75 mm cable of 2,5 m length. Choice of "Side" or "Bottom" cable outlet on the niche.



Description	Code	Pieces/ box
• Complete light, with 20 W-63 SMD LED	**051118LS**	1
• 051118LS, without LED	**051118A**	1
• 051118LS, without cable, niche and LED	**051118CNA**	1
• 051118LS, without LED and niche	**051118NA**	1
• Complete light, with locking 20 W-63 SMD LED	**051119LS**	1
• 051119LS, without LED	**051119A**	1
• 051119LS, without niche and LED	**051119CNA**	1
• 051119LS, without cable, niche and LED	**051119NA**	1
• Niche	**05111810S**	1
• Modular niche extension	**0511411**	1



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Underwater Lights for Concrete Pools - ABS

2 years Parts WARRANTY



CE

"Standard 2006" Underwater Lights.
Frame made of ABS plastic, niche in white plastic. Complete PAR56 SMD LED bulb with 2 x 0,75 mm cable of 2,5 m length. Choice of "Side" or "Bottom" cable outlet on the niche.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Complete Light, with 20 W-63 SMD LED	**051112LS**	1	2,800	0,016
• 051112LS, without cable and LED	**051112CA**	1	2,800	0,016



"Mini 2008" Underwater Lights.
For concrete pools. Frame and niche made of ABS plastic. Complete with SMD LED bulb, 2 m cable and special tightening tool.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Complete Light, with 7 W/12 V SMD 36 LED	**05112LS**	1		
• Niche	**0511212S**	1		



"Mini 2001" Underwater Lights.
Heat resistant plastic body, bottom outlet. Complete with 2 m. cable and SMD LED.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Slip type body with plastic frame 7 W/12 V SMD 36 LED	**05112SLS**	4	2,000	0,007
• 2" threaded with plastic frame 7 W/12 V SMD 36 LED	**05112TLS**	4	2,100	0,007



Housing for Mini 2001 for Concrete Pools.
Complete with the special "no-leak" cable outlet.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	04160A	20	10,420	0,060



"No-leak" adaptor for cables.
Can be adhered to the back of the GEMAS Housing for Concrete Pools, or at the mouth of Ø 63 mm 10 atm PVC pipes. With cable gland seal.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	0511200101S	1		

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Underwater Lights for Concrete Pools - S.S.

2 years Parts WARRANTY

"Standard 2002" Underwater Lights.
AISI 304 grade Stainless Steel Frame. Frame made of AISI 304 grade stainless steel, niche in white plastic. Complete PAR56 SMD LED bulb with 2 x 0,75 mm cable of 2,5 m length. Choice of "Side" or "Bottom" cable outlet on the niche.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Complete Light, SMD LED version	**051114SSLS**	1	2,790	0,016

"Standard 95" Underwater Lights. AISI 304 Grade Stainless Steel Plated Frame.
AISI 304 grade Stainless Steel Frame. Frame made of AISI 304 grade stainless steel, niche in white plastic. Complete PAR56 SMD LED bulb with 2 x 0,75 mm cable of 2,5 m length. Choice of "Side" or "Bottom" cable outlet on the niche.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Complete Light, SMD LED version	**051113SSLS**	1	2,646	0,016

Stainless Steel Frame For Underwater Lights.
Made of AISI 304 grade stainless steel. Can easily be adapted to existing ABS frames.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• For "Standard 2002" Light	**05111408**	1		
• For "Mini 2008" Light	**0511212508**	1		
• "Standard 2002" For Locked Light	**05111508**	1		
• For "Standard 95" Light	**05111108**	1		

"Mini 2008" Underwater Lights.
Concrete pools, the frame is made of AISI 304 quality stainless steel and the housing is made of ABS plastic. Complete with halogen bulb or SMD LED bulb, 2 m cable and special clamping device.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Complete Light 7 W/12 V SMD 36 LED	**05112LSC**	4	2,300	0,007

"Mini 2001" Underwater Lights.
Heat resistant plastic body, bottom outlet. Complete with 2 m. cable and 7 W SMD LED bulb.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Slip type body with st. steel frame with white 36 LED	**05112SCLS**	4	2,300	0,007
• 2" threaded with st. steel frame with white 36 LED	**05112TCLS**	4	2,400	0,007

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Underwater Lights for Liner

NEW !

SUPER ECO Slim LED

Underwater Pool Lighting Lamp

The frame is made of white ABS plastic, equipped with a niche. Complete with 72 SMD LEDs, a polycarbonate lamp body, an epoxy PCB, and a 1.25 m long 2 x 0.75 mm² cable. 120° beam angle - IP68. Thanks to its slim frame, its protrusion from the wall into the pool is minimized. Wall mounting is completed by recessing an 8.5 cm deep shallow niche into the concrete wall; it comes complete with its niche. **Adaptation of the lamp (excluding the niche) to existing Standard 2002 and Standard 95 lamp niches is extremely easy and possible.** Its special design allows for quick and easy installation without requiring any bolts. **Max. operating temperature is 30°C. 2-year waterproof warranty.**





SINGLE COLORS

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 72 LED White - 16 W	**052400-051130ER**	1		
• 72 LED Daylight - 16 W	**052400-051131ER**	1		
• 72 LED Turquoise - 15 W	**052400-051132ER**	1		
• 72 LED Blue - 15 W	**052400-051133ER**	1		
• 72 LED Red - 15 W	**052400-051134ER**	1		
• 72 LED Green - 15 W	**052400-051135ER**	1		

PS: * For lamps without a niche, "N" must be added after the first code. Example: 052400N-051130ER

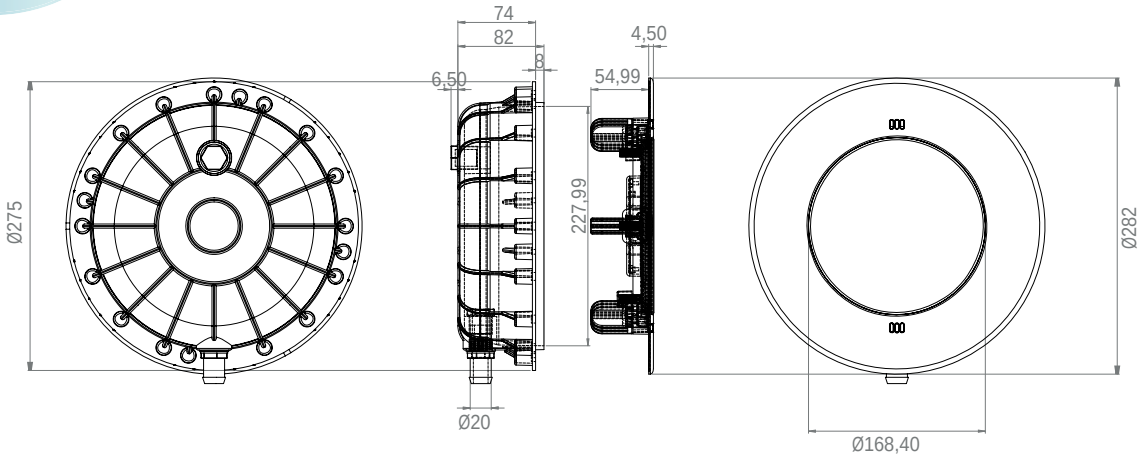


RGB COLORS

For built in RGB models there are 13 different lighting patterns. For central RGB models there are 16 different lighting patterns.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 72 LED RGB-Built-in Control-15 W (Two-wire)	**052400-051150ER**	1		
• 72 LED RGB-Central Control-15 W	**052400-051152ER**	1		

PS: * For lamps without a niche, "N" must be added after the first code. Example: 052400N-051150ER



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Underwater Lights for Liner

SUPER Slim LED

2 years Parts WARRANTY

NEW !



Underwater Pool Lighting Lamp

The frame is made of white ABS plastic, equipped with a niche. Complete with a polycarbonate lamp body embedded in special transparent silicone with various LED quantities and power ratings, an SMD LED PCB, a 2 m long 2 x 1.5 mm² cable, and its niche. 120° beam angle - IP68. Thanks to its slim frame, its protrusion from the wall into the pool is minimized. Wall mounting is completed by recessing an 8.5 cm deep shallow niche into the concrete wall; it comes complete with its niche..
Adaptation of the lamp (excluding the niche) to existing Standard 2002 and Standard 95 lamp niches is extremely easy and possible. Its special design allows for quick and easy installation without requiring any bolts. **Max. operating temperature is 30°C. 2-year waterproof warranty.**

SINGLE COLORS

Description	Code	Pieces/ box
• **Complete Lamp,** 252 LED White - 50 W	**052400-051140L**	1
• **Complete Lamp,** 252 LED Daylight - 50 W	**052400-051141L**	1
• **Complete Lamp,** 81 LED White - 35 W Aluminium PCB	**052400-051130L**	1
• **Complete Lamp,** 81 LED Daylight - 35 W Aluminium PCB	**052400-051131L**	1
• **Complete Lamp Assembly,** without LED	**052400A**	



PS: *Prices are the same as other Single Color models. The last digit of the product code must be 2 for Turquoise, 3 for Blue, 4 for Red, and 5 for Green.
** For lamps without a niche, "N" must be added after the first code. **Example: 052400N-051140L**

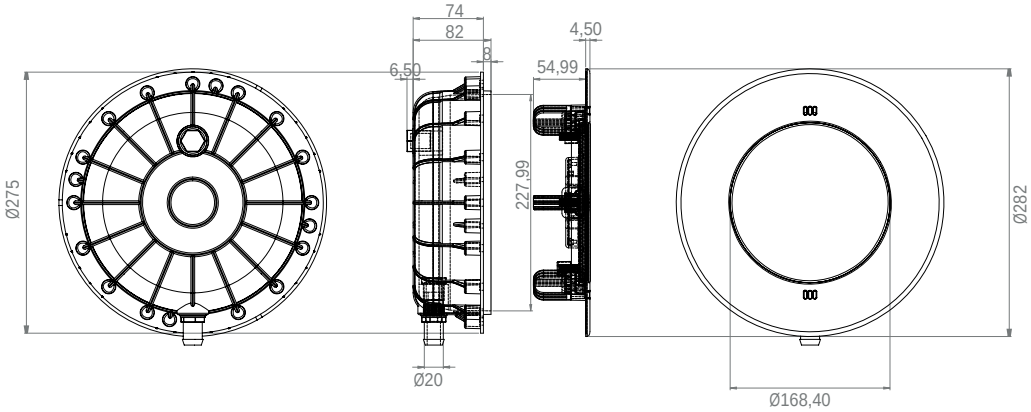
RGB COLORS

For built in RGB models there are 13 different lighting patterns. For central RGB models there are 16 different lighting patterns.

Description	Code	Pieces/ box
Center Control		
• 252 LED RGB, 36 W Aluminium PCB	**052400-051155L**	1
• 90 LED RGB White, 36 W Aluminium PCB	**052400-051152L**	1
• 81 LED RGB, 30 W	**052400-051157L**	1
Built-in Control		
• 252 LED RGB, 36 W Aluminium PCB (Two-wire)	**052400-051153L**	1
• 90 LED RGB-White, 36 W Aluminium PCB (Two-wire)	**052400-051150L**	1
• 81 LED RGB, 30 W (Two-wire)	**052400-051156L**	1



PS: * For lamps without a niche, "N" must be added after the first code. **Example: 052400N-051155L**



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Underwater Lights for Liner

CE

SUPER Slim LED - MIDI

NEW !

2 years Parts WARRANTY

Underwater Pool Lighting Lamp

Underwater Pool Lighting Lamp

The frame is made of white ABS plastic, equipped with a niche. Complete with a polycarbonate lamp body. (Silicone filled products embedded in special transparent silicone). 72 SMD LED, epoxy PCB, cable of 1.0 m (Silicone filled 2 m) length and its niche. 120° beam angle - IP68.
Thanks to its slim frame, its protrusion from the wall into the pool is minimized. Wall mounting is completed by recessing an 6 cm deep shallow niche into the concrete wall; it comes complete with its niche. Its special design allows for quick and easy installation without requiring any bolts. **Max. operating temperature is 30°C. 2-year waterproof warranty.**

SINGLE COLORS

Description	Code	Silicone Filled Code	Pieces/ box
• **Complete Lamp,** 72 LED White - 10 W	**052500-051160L**	**052500-051160SFL**	1
• **Complete Lamp,** 72 LED Daylight - 10 W	**052500-051161L**	**052500-051161SFL**	1
• **Complete Lamp,** 72 LED Turquoise - 9 W	**052500-051162L**	**052500-051162SFL**	1
• **Complete Lamp,** 72 LED Blue - 9 W	**052500-051163L**	**052500-051163SFL**	1
• **Complete Lamp,** 72 LED Red - 9 W	**052500-051164L**	**052500-051164SFL**	1
• **Complete Lamp,** 72 LED Green - 9 W	**052500-051165L**	**052500-051165SFL**	1

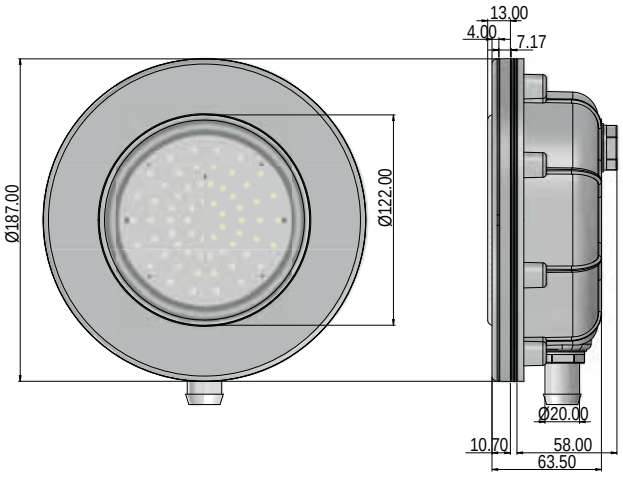
PS: *For lamps without a niche, "N" must be added after the first code. **Example: 052500N-051160L**

RGB COLORS

For built in RGB models there are 13 different lighting patterns. For central RGB models there are 16 different lighting patterns.

Description	Code	Silicone Filled Code	Pieces/ box
• **Complete Lamp,** 72 LED RGB-Built-in Control - 9 W	**052500-051170L**	**052500-051170SFL**	1
• **Complete Lamp,** 72 LED RGB-Center Control - 9 W	**052500-051171L**	**052500-051171SFL**	1

PS: *For lamps without a niche, "N" must be added after the first code. **Example: 052500N-051170L**



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Underwater Lights for Liner

NEW !

2 years Parts WARRANTY

CE

SUPER SlimLED - MINI

Underwater Pool Lighting Lamp

The frame is made of white ABS plastic, equipped with a niche. Complete with a polycarbonate lamp body. (Silicone filled products embedded in special transparent silicone). 36 SMD LED, epoxy PCB, cable of 1.0 m (Silicone filled 2 m) length and its niche. 120° beam angle - IP68.
Thanks to its slim frame, its protrusion from the wall into the pool is minimized. Wall mounting is completed by recessing an 6 cm deep shallow niche into the concrete wall; it comes complete with its niche. Its special design allows for quick and easy installation without requiring any bolts. **Max. operating temperature is 30°C. 2-year waterproof warranty.**

SINGLE COLORS

Description	Code	Silicone Filled Code	Pieces/ box
• **Complete Lamp,** 36 LED White - 7 W	**052600-051180L**	**052600-051180SFL**	1
• **Complete Lamp,** 36 LED Daylight - 7 W	**052600-051181L**	**052600-051181SFL**	1
• **Complete Lamp,** 36 LED Turquoise - 4 W	**052600-051182L**	**052600-051182SFL**	1
• **Complete Lamp,** 36 LED Blue- 4 W	**052600-051183L**	**052600-051183SFL**	1
• **Complete Lamp,** 36 LED Red- 4 W	**052600-051184L**	**052600-051184SFL**	1
• **Complete Lamp,** 36 LED Green - 4 W	**052600-051185L**	**052600-051185SFL**	1

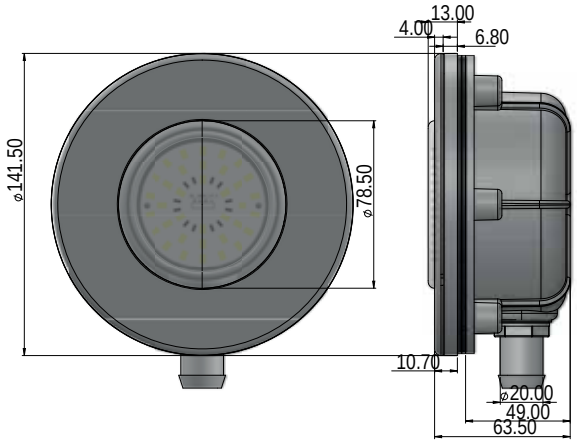
PS: *For lamps without a niche, "N" must be added after the first code. **Example: 052600N-051180L**

RGB COLORS

For built in RGB models there are 13 different lighting patterns. For central RGB models there are 16 different lighting patterns.

Description	Code	Silicone Filled Code	Pieces/ box
• **Complete Lamp,** 36 LED RGB-Built-in Control - 4 W	**052600-051190L**	**052600-051190SFL**	1
• **Complete Lamp,** 36 LED RGB-Center Control - 4 W	**052600-051191L**	**052600-051191SFL**	1

PS: *For lamps without a niche, "N" must be added after the first code. **Example: 052600N-051190L**



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Underwater Lights for Liner Pools

2 years Parts WARRANTY CE



"Standard 95" Underwater Lights.
Frame made of ABS plastic, brass screw fittings, niche in white plastic.
Complete PAR56 SMD LED bulb with 2 x 0,75 mm cable of 2,5 m length. Choice of "Side" or "Bottom" cable outlet on the niche. Complete with flange, bolts and gaskets.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Complete light with 20 W-63 SMD LED	**052111BLS**	1	2,450	0,016
• 052111BLS, without LED	**052111BA**	1	2,450	0,016
• 052111BLS, without niche	**052111BLSN**	1	2,300	0,016
• 052111BLS, without niche, cable and LED	**052111BNCA**	1	2,300	0,016
• 052111BLS, without niche and LED	**052111BNA**	1	2,100	0,016
• Niche	**05211101BSP**	1	2,100	0,016



"Standard 2002" Underwater Lights.
Frame made of ABS plastic, brass screw fittings, niche in white plastic.
Complete PAR56 SMD LED bulb with 2 x 0,75 mm cable of 2,5 m length. Choice of "Side" or "Bottom" cable outlet on the niche. Complete with flange, bolts and gaskets.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Complete light, with 20 W-63 SMD LED	**052114BLS**	1	2,450	0,016
• 052114BLS, without LED	**052114BA**	1	2,450	0,016
• 052114BLS, without cable, niche and LED	**052114BNCA**	1	2,700	0,016
• 052114BLS, without LED and niche	**052114BNA**	1	2,700	0,016
• Complete light, with locking 20 W-63 SMD LED	**052115BLS**	1	2,300	0,016
• 052115BLS, without LED	**052115BA**	1	2,300	0,016
• 052114BLS, without niche and LED	**052115BNA**	1	2,100	0,016
• 052114BLS, without cable, niche and LED	**052115BNCA**	1	2,100	0,016
• Niche	**05211410BSP**	1		0,016



"Standard 2004" Underwater Lights.
Frame made of ABS plastic, brass screw fittings, niche in white plastic.
Complete PAR56 SMD LED bulb with 2 x 0,75 mm cable of 2,5 m length. Choice of "Side" or "Bottom" cable outlet on the niche. Complete with flange, bolts and gaskets.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Complete light, with 20 W-63 SMD LED	**052118BLS**	1	2,450	0,016
• 052118BLS, without LED	**052118BA**	1	2,450	0,016
• 052118BLS, without cable, niche and LED	**052118BNCA**	1	2,700	0,016
• 052118BLS, without LED and niche	**052118BNA**	1	2,700	0,016
• Complete light, with locking 20 W-63 SMD LED	**052119BLS**	1	2,300	0,016
• 052119BLS, without LED	**052119BA**	1	2,300	0,016
• 052119BLS, without cable, niche and LED	**052119BNCA**	1	2,100	0,016
• 052119BLS, without niche and LED	**052119BNA**	1	2,100	0,016
• Niche	**05211810BSP**	1		0,016

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Underwater Lights for Liner Pools

"Standard 2006" Underwater Lights.

Frame, niche and niche fittings made of ABS plastic. Complete PAR56 SMD LED bulb with 2 x 0,75 mm cable of 2,5 m length. Choice of "Side" or "Bottom" cable outlet on the niche. Complete with flange, bolts and gaskets. Light is fixed to the niche with 2 front screws. **Specially designed for panel type liner pools.** Complete with flange, bolts and gaskets.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Complete Light, with SMD LED	**052112LS**	1	2,800	0,016
• 052112LS, without cable and LED	**052112CA**	1		
• 052112LS, without niche and LED	**052112NA**	1		

"Mini 2008" Underwater Light for Concrete Pools.

For liner pools. Frame, niche and flange made of ABS plastic. Complete with SMD LED, 2 m. cable and special locking tool.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 7 W / 12 V White SMD 36 LED	**05212BLS**	1		
• Niche	**0521212S**	1		

"Mini 2001" Underwater Light.

Heat resistant plastic body, bottom cable outlet, Complete with SMD LED, 2 m. cable.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Slip body, plastic frame White SMD 36 LED	**05112SLS**	4	2,000	0,007
• 2" threaded body, plastic frame White SMD 36 LED	**05112TLS**	4	2,100	0,007

Housing for Mini 2001 for Liner Pools.

For fixing the light to the pool wall. Complete with the "no-leak" cable adaptor, flange, screws and gaskets.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Housing	**04260A**	20	11,800	0,060
• Ditto, brass cavities	**04260AB**	20	11,800	0,060

"Standart 2002" Underwater Light Colored Frame

Made of ABS. Different Color options can be adapted to all Standart 2002 Models.
For Frame with "Locking Mechanism" Please the sixth digit of the code from "4" to "5".
Price only includes the frame, not the complete light.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Anthracite - RAL 7016	**051114011A**	1		
• Beige - RAL 1015	**051114011B**	1		
• Gray - RAL 7004	**051114011G**	1		

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Underwater Lights for Pools

CE

NEW !

Pipefit

Frame, body made of ABS plastic. Pipe type. Complete with special transparent resin filled, epoxy PCB and 1 m long 2 x 0.75 cable. The light is mounted inside a 32 mm, 40 mm, 50 mm or 63 mm PN10 pipe with a tight fit. 2 years sealing guarantee. Prices should be considered with a 20% increase.



Ø63



Ø50



Ø40



Ø32

Description	Code	Pieces/ box
• Pipefit Ø32 White 3 Led 12V AC/DC	**19000**	1
• Pipefit Ø32 Daylight 3 Led 12V AC/DC	**19001**	1
• Pipefit Ø40 White 3 Led 12V AC/DC	**19010**	1
• Pipefit Ø40 Daylight 3 Led 12V AC/DC	**19011**	1
• Pipefit Ø50 White 3 Led 12V AC/DC	**19020**	1
• Pipefit Ø50 Daylight 3 Led 12V AC/DC	**19021**	1
• Pipefit Ø63 White 3 Led 12V AC/DC	**19030**	1
• Pipefit Ø63 Daylight 3 Led 12V AC/DC	**19031**	1

PS: Full colored products can be ordered by adding “A” for Anthracite, “B” for Beige, “G” for Grey.

Anthracite RAL 7016, Beige RAL 1015 and Grey RAL 7004

Pipefit Chrome 304K

Description	Code	Pieces/ box
• Pipefit Ø32 White 3 Led, Frame 304 AISI 12V AC/DC	**19000SS**	1
• Pipefit Ø32 Daylight 3 Led, Frame 304 AISI 12V AC/DC	**19001SS**	1
• Pipefit Ø40 White 3 Led, Frame 304 AISI 12V AC/DC	**19010SS**	1
• Pipefit Ø40 Daylight 3 Led, Frame 304 AISI 12V AC/DC	**19011SS**	1
• Pipefit Ø50 White 3 Led, Frame 304 AISI 12V AC/DC	**19020SS**	1
• Pipefit Ø50 Daylight 3 Led, Frame 304 AISI 12V AC/DC	**19021SS**	1
• Pipefit Ø63 White 3 Led, Frame 304 AISI 12V AC/DC	**19030SS**	1
• Pipefit Ø63 Daylight 3 Led, Frame 304 AISI 12V AC/DC	**19031SS**	1

Pipefit Chrome 316K

Description	Code	Pieces/ box
• Pipefit Ø32 White 3 Led, Frame 316 AISI 12V AC/DC	**19000SS01**	1
• Pipefit Ø32 Daylight 3 Led, Frame 316 AISI 12V AC/DC	**19001SS01**	1
• Pipefit Ø40 White 3 Led, Frame 316 AISI 12V AC/DC	**19010SS01**	1
• Pipefit Ø40 Daylight 3 Led, Frame 316 AISI 12V AC/DC	**19011SS01**	1
• Pipefit Ø50 White 3 Led, Frame 316 AISI 12V AC/DC	**19020SS01**	1
• Pipefit Ø50 Daylight 3 Led, Frame 316 AISI 12V AC/DC	**19021SS01**	1
• Pipefit Ø63 White 3 Led, Frame 316 AISI 12V AC/DC	**19030SS01**	1
• Pipefit Ø63 Daylight 3 Led, Frame 316 AISI 12V AC/DC	**19031SS01**	1

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SlimLED Bulbs for PAR56 Replacement - Single Color

2 years Parts WARRANTY

"New Generation"

120° Light Spectrum



"SlimLED" Underwater Light Bulb - Replacement - Single Color.
Embedded into special transparent silicone, polycarbonate light body with 252 LED, 2 x 1,5 cable of 2,5 m length 120° IP68. Complete with adapter set.
2-year leakage warranty. Can be used for the replacement of any existing PAR56 bulb on the market. 50.000 hours of life. **Max. operating temperature 30°.**

"SLIMLED" BULBS				
Color	# of LED	AC 12 V Power (W)	Light Intensity (lux = lm/m²)	Light Angle
White	252	50	3536	120°
Daylight	252	50	3536	120°
Turquoise	252	36	1011	120°
Blue	252	36	1011	120°
Red	252	36	1011	120°
Green	252	36	1011	120°

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• White	**0541101**	1		
• Daylight	**0541102**	1		
• Turquoise	**0541103**	1		
• Blue	**0541104**	1		
• Red	**0541105**	1		
• Green	**0541106**	1		



2 years Parts WARRANTY

"SlimLED" Underwater Light Bulb - Replacement - Single Color.
Embedded into special transparent silicone, polycarbonate light body with 81 LED, 2 x 1,5 cable of 2,5 m length 120° IP68. Complete with adapter set. **2-year leakage warranty.** Can be used for the replacement of any existing PAR56 bulb on the market. 50.000 hours of life. **Max. operating temperature 30°.**

"SLIMLED" BULBS				
Color	# of LED	AC 12 V Power (W)	Light Intensity (lux = lm/m²)	Light Angle
White	81	35	2739	120°
Daylight	81	35	2739	120°
Turquoise	81	30	1241	120°
Blue	81	30	1241	120°
Red	81	30	1241	120°
Green	81	30	1241	120°

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• White	**0541111**	1		
• Daylight	**0541112**	1		
• Turquoise	**0541113**	1		
• Blue	**0541114**	1		
• Red	**0541115**	1		
• Green	**0541116**	1		



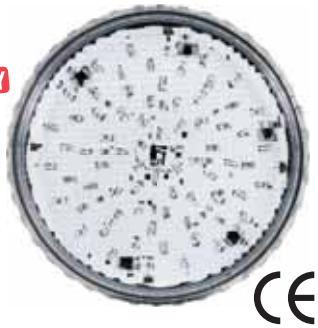
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"New Generation"

120° Light Spectrum

ECOSlimLED Bulbs for PAR56 Replacement - Single Color

2 years Parts WARRANTY



"ECOSlimLED" Underwater Light Bulb - Replacement - Single Color.
Polycarbonate light body complete with 72 SMD LED, epoxy PCB.
2 x 0,75 cable of 1,5 m length 120° IP68. Complete with adapter set. **2-year leakage warranty.** Can be used for the replacement of any existing PAR56 bulb on the market. 50.000 hours of life. **Max. operating temperature 30°.**

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• White	**051130ER**	1		
• Daylight	**051131ER**	1		
• Turquoise	**051132ER**	1		
• Blue	**051133ER**	1		
• Red	**051134ER**	1		
• Green	**051135ER**	1		

"ECOSLIMLED" BULBS				
Color	# of LED	AC 12 V Power (W)	Light Intensity (lux=lm/m²)	Light Angle
White	72	24	1614	120°
Daylight	72	24	1614	120°
Turquoise	72	20	671	120°
Blue	72	20	671	120°
Red	72	20	671	120°
Green	72	20	671	120°

PAR56 LED Bulbs - Single Color - with SMD LED

120° Light Spectrum

2 years Parts WARRANTY



Single Color PAR56 with 63 SMD LED - 120°.
Polycarbonate body, AC-DC 11-14 V. 50.000 hours long life.
2-year leakage warranty.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• White	**0531101**	1		
• Daylight	**0531102**	1		
• Turquoise	**0531103**	1		
• Blue	**0531104**	1		
• Red	**0531105**	1		
• Green	**0531106**	1		

63 "SMD" LED BULBS				
Color	# of LED	AC 12 V Power (W)	Light Intensity (lux=lm/m²)	Light Angle
White	63	20	1511	120°
Daylight	63	20	1511	120°
Turquoise	63	16	550	120°
Blue	63	16	550	120°
Red	63	16	550	120°
Green	63	16	550	120°

Single Color PAR56 with 252, SMD LED - 120°.
Polycarbonate body, AC-DC 11-14 V. 50.000 hours long life.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• White	**0531111**	1		
• Daylight	**0531112**	1		
• Turquoise	**0531113**	1		
• Blue	**0531114**	1		
• Red	**0531115**	1		
• Green	**0531116**	1		

252 "SMD" LED BULBS				
Color	# of LED	AC 12 V Power (W)	Light Intensity (lux=lm/m²)	Light Angle
White	252	40	3059	120°
Daylight	252	40	3059	120°
Turquoise	252	31	900	120°
Blue	252	31	900	120°
Red	252	31	900	120°
Green	252	31	900	120°

Note: Bulbs with "Flat Transparent Glass" fronts are available, please add F to the end of the above product codes.

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PAR56 LED Bulbs - Single Color - With OSRAM LED



OSRAM Single Color PAR56 9 Power LED Bulb.
Polycarbonate body, AC-DC 11-14 V. 50.000 hours long life.
All bulb circuits have heat sensitive **Automatic Current Control** to ensure long life. **2-year leakage warranty.**

2 years Parts WARRANTY

80˚ Light Spectrum

9 PAR56 "POWER" LED BULBS				
Color	# of LED	AC 12 V Power (W)	Light Intensity (lux = lm/m²)	Light Angle
White	9	20	2409	80°
Daylight	9	20	2409	80°
Turquoise	9	23	893	80°
Blue	9	23	893	80°
Red	9	23	893	80°
Green	9	23	893	80°

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• White	**0532311**	1		
• Daylight	**0532312**	1		
• Turquoise	**0532313**	1		
• Blue	**0532314**	1		
• Red	**0532315**	1		
• Green	**0532316**	1		

PAR56 LED Bulbs - Single Color - With Power LED



Single Color PAR56 Lamp with 18 Power LED.
Polycarbonate body, AC-DC 11-14V. 50.000 hours - long life.
To ensure longer life, all the light circuits has heat sensitive **Automatic Current Control. 2-year leakage warranty.**

2 years Parts WARRANTY

140˚ Light Spectrum

18 PAR56 "POWER" LED BULBS				
Color	# of LED	AC 12 V Power (W)	Light Intensity (lux = lm/m²)	Light Angle
White	18	24	1690	140°
Daylight	18	24	1690	140°
Turquoise	18	24	848	140°
Blue	18	24	848	140°
Red	18	24	848	140°
Green	18	24	848	140°

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• White	**0532111**	1		
• Daylight	**0532112**	1		
• Turquoise	**0532113**	1		
• Blue	**0532114**	1		
• Red	**0532115**	1		
• Green	**0532116**	1		

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PAR56 LED Bulbs - Single Color - With Power LED

Single color PAR56 with 27 Power LED Bulb.
Polycarbonate body, AC-DC 11-14V. 50.000 hours-long life. To ensure longer life, all the light circuits has heat sensitive **Automatic Current Control. 2-year leakage warranty.**

140° Light Spectrum



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• White	**05321111**	1		
• Daylight	**05321121**	1		
• Turquoise	**05321131**	1		
• Blue	**05321141**	1		
• Red	**05321151**	1		
• Green	**05321161**	1		

27 PAR56 "POWER" LED BULBS				
Color	# of LED	AC 12 V Power (W)	Light Intensity (lux = lm/m²)	Light Angle
White	27	36	1038	140°
Daylight	27	36	1038	140°
Turquoise	27	36	1038	140°
Blue	27	36	1038	140°
Red	27	36	1038	140°
Green	27	36	1038	140°

Single color PAR56 with 27 Power LED Bulb.
Polycarbonate glass - **Aluminum injection body,** AC-DC 22-26V. 50.000 hours-long life. To ensure longer life, all the light circuits has heat sensitive **Automatic Current Control. 2-year leakage warranty.**



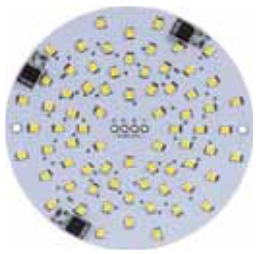
Description	Code	Pieces/ box	Weight Kg	Volume m^3
• White	**05322111**	1		
• Daylight	**05322121**	1		
• Turquoise	**05322131**	1		
• Blue	**05322141**	1		
• Red	**05322151**	1		
• Green	**05322161**	1		

27 PAR56 "POWER" LED BULBS				
Color	# of LED	AC 24 V Power (W)	Light Intensity (lux = lm/m²)	Light Angle
White	27	70	4225	140°
Daylight	27	70	4225	140°
Turquoise	27	70	4225	140°
Blue	27	70	4225	140°
Red	27	70	4225	140°
Green	27	70	4225	140°

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PAR38 LED Bulbs - Single Color - With SMD LED





Single Color 72 SMD LED bulb.
Polycarbonate body, AC-DC 11-14V. **2-year leakage warranty.**

2 years Parts WARRANTY

30˚ Light Spectrum
Automatic Current Control

63 "SMD" LED BULBS				
Color	# of LED	AC 12 V Power (W)	Light Intensity (lux = lm/m²)	Light Angle
White	72	10	562	30°
Daylight	72	10	562	30°
Turquoise	72	9	181	30°
Blue	72	9	181	30°
Red	72	9	182	30°
Green	72	9	183	30°

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• White	**0532711**	1		
• Daylight	**0532712**	1		
• Turquoise	**0532713**	1		
• Blue	**0532714**	1		
• Red	**0532715**	1		
• Green	**0532716**	1		

Mini LED Bulbs - Single Color - With SMD LED



Single Color 36 SMD LED Lights.
AC-DC 11-14V. **Bare Circuit Bulb.** 50,000 hours-long life. **2-year leakage warranty.**

2 years Parts WARRANTY

90˚ Light Spectrum

36 "SMD" LED BULBS				
Color	# of LED	AC 12 V Power (W)	Light Intensity (lux = lm/m²)	Light Angle
White	36	7	298	120°
Daylight	36	7	298	120°
Turquoise	36	6	75	120°
Blue	36	6	75	120°
Red	36	6	75	120°
Green	36	6	75	120°

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• White	**0532822**	1		
• Daylight	**0532821**	1		
• Turquoise	**0532824**	1		
• Blue	**0532823**	1		
• Red	**0532825**	1		
• Green	**0532826**	1		

Underwater STRIP LED Lights - IP68

2 years Parts WARRANTY





Single Color LED Strip Lighting.
12 V strip IP68 LED 12 W. Width 10 mm, Thickness 5 mm. Standard roll Length is 5 m. Price below is per metre. Special sealed cable connection possible.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• White - price per meter	**0534111**			
• Daylight - price per meter	**0534112**			
• Blue - price per meter	**0534113**			
• RGB - price per meter	**0534121**			
• Aluminium Mounting Strip, w/opaque cover	**0534111C**			
• Aluminium Mounting Strip, cap	**0534111CC**			

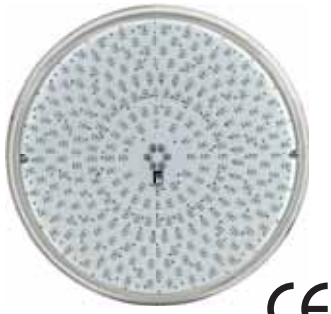
Note: LED Strip Light can be pre-assembled into the overflow channel profile. Please ask for price.

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SlimLED Bulbs for PAR56 Replacement - RGB

"SlimLED" Underwater Light Bulb - Replacement Kit - RGB changing Color.
Polycarbonate light body with a choice of LED quantities and powers embedded into a special transparent silicone. Complete with 2 x 1,5 mm cable of 2,5 m length and adapter set. 120° - IP68. For built in PCB models there are 13 different lighting patterns. For central PCB models there are 16 different lighting patterns. Lighting patterns are changed by remote control (optional). **2-year leakage warranty.** The light can be used as a replacement bulb for LED conversion of all PAR56 products available on the market. 50,000 hours life.
Max. operating temperature 30°.

120° Light Spectrum



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 252 Built-in Control replacement kit	**05115301**	1		
• 252 Central Control replacement kit	**05115501**	1		
• 90 Built-in Control replacement kit	**0541201**	1		
• 90 Central Control replacement kit	**0541202**	1		
• 81 Built-in Control replacement kit	**05115601**	1		
• 81 Central Control replacement kit	**05115701**	1		

"SLIMLED" BULBS

Color	# of LED	AC Power (W)	Light Intensity (lux = lm/m²)	Light Angle
RGB B.I.	252	36	1011	120°
RGB C.I.	252	36	1011	120°
RGB B.I.	90	36	1081	120°
RGB C.I.	90	36	1081	120°
RGB B.I.	81	30	1241	120°
RGB C.I.	81	30	1241	120°

"New Generation"

"ECOSlimLED" Bulbs for PAR56 Replacement Kit - RGB

"ECOSlimLED" Underwater Light Bulb - Replacement Kit - RGB changing Color.
Complete with 72 SMD LEDs: Polycarbonate light body, epoxy PCB and 2 x 0,75 mm cable of 1,5 m length and adapter kit. 120° - IP68. For built in PCB models there are 13 different lighting patterns. For central PCB models there are 16 different lighting patterns. Lighting patterns are changed by remote control (optional).
The light can be used as a replacement bulb for LED conversion of all PAR56 products available on the market.
Max. operating temperature 30°.
2-year leakage warranty.

120° Light Spectrum



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 72 Built-in Control replacement kit	**051150ER**	1		
• 72 Central Control replacement kit	**051151ER**	1		
• 72 Self Control replacement kit	**051150ERSC**	1		

"ECOSLIMLED" BULBS

Color	# of LED	AC Power (W)	Light Intensity (lux = lm/m²)	Light Angle
RGB B.I.	72	20	671	120°
RGB C.I.	72	20	671	120°
RGB S.C.	72	20	671	120°









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PAR56 LED Bulbs - RGB - With SMD LED



Rainbow PAR56 LED bulb.
Polycarbonate body. For built-in PCB models RGB 13, for central PCB models RGB 16 different lighting patterns. Changing programs with switch on and off. For built-in control bulbs two-core cable infrastructure and for central PCB bulbs four-core or twocore cable infrastructure together with a central control pannel is required. It is recommended to use central control models to avoid syncronization problems in systems with more than 10 lamps, 50.000 hours long life. To ensure longer life, all the light circuits has heat sensitive **Automatic Current Control. 2-year leakage warranty.**

PAR56 "SMD" LED BULBS				
Color	# of LED	AC Power (W)	Light Intensity (lux = lm/m²)	Light Angle
RGB B.I.	54	16	550	120°
RGB C.I.	54	16	550	120°

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Rainbow 54 Built in Control	**0531201**	1		
• Rainbow 54 Central Control	**0531202**	1		



120° Light Spectrum

Rainbow PAR56 LED bulb. Polycarbonate body. For built-in PCB models RGB 13, for central PCB models RGB 16 different lighting patterns. Changing programs with switch on and off. For built-in control bulbs two-core cable infrastructure and for central PCB bulbs four-core or twocore cable infrastructure together with a central control panel is required. It is recommended to use central control models to avoid syncronization problems in systems with more than 10 lamps, 50.000 hours long life. **Self RCU control models has a built in PCB system with inside remote control reciever. With one remote, max 6 lights can work with synchronization. Remote control i not included in price of the bulb.** To ensure longer life, all the light circuits has heat sensitive **Automatic Current Control. 2-year leakage warranty.**

PAR56 "SMD" LED BULBS				
Color	# of LED	AC Power (W)	Light Intensity (lux = lm/m²)	Light Angle
RGB B.I.	252	31	900	120°
RGB S.C.	252	31	454	120°
RGB C.I.	252	31	900	120°

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Rainbow 252 Built in Control	**0531211**	1		
• Rainbow 252 Self RCU Controlled	**0531211SC**	1		
• Rainbow 252 Central Control	**0531212**	1		

Note: Bulbs with "Flat Transparent Glass" fronts are available, please add F to the end of the above product codes.

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PAR56 LED Bulbs - RGB - Power LED

2 years Parts WARRANTY

80° Light Spectrum

Rainbow PAR56 LED bulb.
Polycarbonate body. For built-in PCB models RGB 13, for central PCB models RGB 16 different lighting patterns. Changing programs with switch on and off. For built-in control bulbs two-core cable infrastructure and for central PCB bulbs four-core or twocore cable infrastructure together with a central control pannel is required. It is recommended to use central control models to avoid syncronization problems in systems with more than 10 lamps, 50.000 hours long life. To ensure longer life, all the light circuits has heat sensitive **Automatic Current Control. 2-year leakage warranty.**



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Rainbow 9 Built-in Control	**0532322**	1		
• Rainbow 9 Central Control	**0532321**	1		

Note: Bulbs with "Flat Transparent Glass" fronts are available, please add F to the end of the above product codes.

PAR56 "POWER" LED BULBS				
Color	# of LED	AC Power (W)	Light Intensity (lux = lm/m²)	Light Angle
RGB B.I.	9	23	893	80°
RGB C.I.	9	23	893	80°

140° Light Spectrum



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Rainbow 18 Built in Control	**0532121**	1		
• Rainbow 18 Central Control	**0532721**	1		

PAR56 "POWER" LED BULBS				
Color	# of LED	AC Power (W)	Light Intensity (lux = lm/m²)	Light Angle
RGB B.I.	18	24	848	140°
RGB C.I.	18	24	848	140°

140° Light Spectrum



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Rainbow 27 Built in Control	**0532122**	1		
• Rainbow 27 Central Control	**0532722**	1		
• Rainbow 27 Built in Control - Alu. Body	**0532223**	1		
• Rainbow 27 Central Control - Alu. Body	**0532224**	1		

Note: Bulbs with "Flat Transparent Glass" fronts are available, please add F to the end of the above product codes.

PAR56 "POWER" LED BULBS				
Color	# of LED	AC Power (W)	Light Intensity (lux = lm/m²)	Light Angle
RGB B.I.	27	36	1038	140°
RGB C.I.	27	36	1038	140°
RGB B.I.	27	70	4225	140°
RGB C.I.	27	70	4225	140°

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PAR 56 LED BULBS - RGB
Single and Multi Color with Power LED

Brand New Concept

140˚ Light Spectrum



White and RGB together

Rainbow 30 and Rainbow 50 PAR 56 LED Bulb - 140°.
Made of 18 RGB plus12 white led. The Light can work not only with RGB led programs, but also with only white led lights. It also has an option to light the white leds, with RGB leds all together. In this case, the white light intensity can be maximized. Polycarbonate body. In Built-in PCB system, it is RGB 13+1 white, in Central PCB system, it is RGB 16+1 white different light patterns. On-off, enables changing the program. For built-in PCB systems 2 core cable, for Central PCB systems 4 core cable and central control panels are required. When there is more than 10 LED Bulbs, not to have problems in synchronisation during long hours of working, Central PCB Systems model should be chosen. To ensure longer life, all light circuits have heat sensitive **Automatic Current Control.** Light specificatioms on the table are with RGB and white leds working at the same time.

PAR56 "POWER" LED BULBS				
Color	# of LED	AC Power (W)	Light Intensity (lux = lm/m²)	Light Angle
RGBW B.I.	30	31	1779	140°
RGBW B.I.	30	50	2525	140°

Built in Control System Led Bulbs

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Rainbow 30	**0532123**	1		
• Rainbow 50 - Aluminium Body	**0532226**	1		

Power LED Bulb Lens

2 years Parts WARRANTY

Power LED Lenses.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 30º Lens	**0532001**	1		
• 45º Lens	**0532002**	1		
• 60º Lens	**0532003**	1		

Mini LED - RGB - SMD LED

120˚ Light Spectrum

Rainbow 36 SMD LED bulbs. Different RGB light modes, AC-DC 11-14V.
(Central control panel is obligatory for applications with multiple bulbs.)

36 "SMD" LED AMPULLER				
Color	# of LED	AC 12 V Power (W)	Light Intensity (lux = lm/m²)	Light Angle
RGB B.I.	36	6	75	120°
RGB C.I.	36	6	75	120°

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Built-in Control - 6 W	**0532631**	1		
• Central Control - 6 W	**0532622**	1		

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STD Niche for Lamp - PAR56 Replacement Kits

Code	Description	LED Type	# of LED	Voltage (V)	AC V Power (W)	Light Intensity (lux = lm/m²)	Light Angle	Case
0541101	**Slim 252 SMD LED - White**	**SMD**	**252**	**12**	**50**	**3536**	**120°**	**Policarbonate**
0541102	Slim 252 SMD LED - Daylight	SMD	252	12	50	3536	120°	Policarbonate
0541103	Slim 252 SMD LED - Turquoise	SMD	252	12	36	1011	120°	Policarbonate
0541104	Slim 252 SMD LED - Blue	SMD	252	12	36	1011	120°	Policarbonate
0541105	Slim 252 SMD LED - Red	SMD	252	12	36	1011	120°	Policarbonate
0541106	Slim 252 SMD LED - Green	SMD	252	12	36	1011	120°	Policarbonate
05115301	Slim 252 SMD LED Built-in Control	SMD	252	12	36	1011	120°	Policarbonate
05115501	Slim 252 SMD LED Central Control	SMD	252	12	36	1011	120°	Policarbonate
0541111	**Slim 81 SMD LED - White**	**SMD**	**81**	**12**	**35**	**2739**	**120°**	**Policarbonate**
0541112	Slim 81 SMD LED - Daylight	SMD	81	12	35	2739	120°	Policarbonate
0541113	Slim 81 SMD LED - Turquoise	SMD	81	12	30	1241	120°	Policarbonate
0541114	Slim 81 SMD LED - Blue	SMD	81	12	30	1241	120°	Policarbonate
0541115	Slim 81 SMD LED - Red	SMD	81	12	30	1241	120°	Policarbonate
0541116	Slim 81 SMD LED - Green	SMD	81	12	30	1241	120°	Policarbonate
05115601	Slim 81 SMD LED Built-in Control	SMD	81	12	30	1241	120°	Policarbonate
05115701	Slim 81 SMD LED Central Control	SMD	81	12	30	1241	120°	Policarbonate
051130ER	**ECOSlim 72 SMD LED - White**	**SMD**	**72**	**12**	**16**	**1468**	**120°**	**Policarbonate**
051131ER	ECOSlim 72 SMD LED - Daylight	SMD	72	12	16	1468	120°	Policarbonate
051132ER	ECOSlim 72 SMD LED - Turquoise	SMD	72	12	15	1150	120°	Policarbonate
051133ER	ECOSlim 72 SMD LED - Blue	SMD	72	12	15	1150	120°	Policarbonate
051134ER	ECOSlim 72 SMD LED - Red	SMD	72	12	15	1150	120°	Policarbonate
051135ER	ECOSlim 72 SMD LED - Green	SMD	72	12	15	1150	120°	Policarbonate
051150ER	ECOSlim 72 LED Built-in Control	SMD	72	12	15	1150	120°	Policarbonate
051151ER	ECOSlim 72 SMD LED Central Control	SMD	72	12	15	1150	120°	Policarbonate
0531101	**PAR56 63 SMD LED - White**	**SMD**	**72**	**12**	**16**	**1468**	**120°**	**Policarbonate**
0531102	PAR56 63 SMD LED - Daylight	SMD	**72**	12	16	1468	120°	Policarbonate
0531103	PAR56 63 SMD LED - Turquoise	SMD	**72**	12	15	1150	120°	Policarbonate
0531104	PAR56 63 SMD LED - Blue	SMD	72	12	15	1150	120°	Policarbonate
0531105	PAR56 63 SMD LED - Red	SMD	72	12	15	1150	120°	Policarbonate
0531106	PAR56 63 SMD LED - Green	SMD	72	12	15	1150	120°	Policarbonate
0531201	RGB PAR56 SMD 54 LED Built-in Control	SMD	54	12	15	1150	120°	Policarbonate
0531202	RGB PAR56 SMD 54 LED Central Control	SMD	54	12	15	1150	120°	Policarbonate
0531111	**PAR56 252 SMD LED - White**	**SMD 2835**	**252**	**12**	**40**	**3059**	**85°**	**Policarbonate**
0531112	PAR56 252 SMD LED - Daylight	SMD 2835	252	12	40	3059	85°	Policarbonate
0531113	PAR56 252 SMD LED - Turquoise	SMD 2835	252	12	31	900	80°	Policarbonate
0531114	PAR56 252 SMD LED - Blue	SMD 2835	252	12	31	900	80°	Policarbonate
0531115	PAR56 252 SMD LED - Red	SMD 2835	252	12	31	900	80°	Policarbonate
0531116	PAR56 252 SMD LED - Green	SMD 2835	252	12	31	900	80°	Policarbonate
0531211	RGB PAR56 SMD 252 LED Built-in Control	SMD	252	12	31	900	120°	Policarbonate
0531212	RGB PAR56 SMD 252 LED Central Control	SMD	252	12	31	900	120°	Policarbonate
0532311	**PAR56 9 OSRAM Power LED - White**	**OSRAM POWER**	**9**	**12**	**20**	**2409**	**80°**	**Policarbonate**
0532312	PAR56 9 OSRAM Power LED - Daylight	OSRAM POWER	9	12	20	2409	80°	Policarbonate
0532313	PAR56 9 OSRAM Power LED - Turquoise	OSRAM POWER	9	12	23	893	80°	Policarbonate
0532314	PAR56 9 OSRAM Power LED - Blue	OSRAM POWER	9	12	23	893	80°	Policarbonate
0532315	PAR56 9 OSRAM Power LED - Red	OSRAM POWER	9	12	23	893	80°	Policarbonate
0532316	PAR56 9 OSRAM Power LED - Green	OSRAM POWER	9	12	23	893	80°	Policarbonate
0532321	PAR56 9 OSRAM Power LED Central Control	OSRAM POWER	9	12	23	848	80°	Policarbonate
0532322	PAR56 9 OSRAM Power LED Built-in Control	OSRAM POWER	9	12	23	848	80°	Policarbonate
0532111	**PAR56 18 Power LED - White**	**POWER**	**18**	**12**	**24**	**1690**	**140°**	**Policarbonate**
0532112	PAR56 18 Power LED - Daylight	POWER	18	12	24	1690	140°	Policarbonate
0532113	PAR56 18 Power LED - Turquoise	POWER	18	12	24	848	140°	Policarbonate
0532114	PAR56 18 Power LED - Blue	POWER	18	12	24	848	140°	Policarbonate
0532115	PAR56 18 Power LED - Red	POWER	18	12	24	848	140°	Policarbonate
0532116	PAR56 18 Power LED - Green	POWER	18	12	24	848	140°	Policarbonate
0532121	PAR56 18 Power LED Built-in Control	POWER	18	12	24	848	140°	Policarbonate
0532721	PAR56 18 Power LED Central Control	POWER	18	12	24	893	140°	Policarbonate
0532211	**PAR56 18 Power LED - White**	**POWER**	**18**	**24**	**46**		**140°**	**Aluminium**
0532212	PAR56 18 Power LED - Daylight	POWER	18	24	46		140°	Aluminium
0532213	PAR56 18 Power LED - Turquoise	POWER	18	24	46		140°	Aluminium
0532214	PAR56 18 Power LED - Blue	POWER	18	24	46		140°	Aluminium
0532215	PAR56 18 Power LED - Red	POWER	18	24	46		140°	Aluminium
0532216	PAR56 18 Power LED - Green	POWER	18	24	46		140°	Aluminium
0532221	**PAR56 with 18 Power LED - Built-in Control System with Alu. Body**	POWER	18	12	46	2226	140°	Aluminium
0532222	**PAR56 with 18 Power LED - Central Control System with Alu. Body**	POWER	18	12	46	2226	140°	Aluminium

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STD Niche for Lamp - PAR56 Replacement Kits

Code	Description	LED Type	# of LED	Voltage (V)	AC V Power (W)	Light Intensity (lux = lm/m²)	Light Angle	Case
05321111	**PAR56 27 Power LED - White**	**POWER**	**27**	**12**	**36**	**1038**	**140°**	**Policarbonate**
05321121	PAR56 27 Power LED - Daylight	POWER	27	12	36	1038	140°	Policarbonate
05321131	PAR56 27 Power LED - Turquoise	POWER	27	12	36	1038	140°	Policarbonate
05321141	PAR56 27 Power LED - Blue	POWER	27	12	36	1038	140°	Policarbonate
05321151	PAR56 27 Power LED - Red	POWER	27	12	36	1038	140°	Policarbonate
05321161	PAR56 27 Power LED - Green	POWER	27	12	36	1038	140°	Policarbonate
0532122	PAR56 27 Power LED Built-in Control	POWER	27	12	36	1038	140°	Policarbonate
0532722	PAR56 27 Power LED Central Control	POWER	27	12	36	1038	140°	Policarbonate
05322111	**PAR56 27 Power LED - White**	**POWER**	**27**	**12**	**70**	**4225**	**140°**	**Aluminium**
05322121	PAR56 27 Power LED - Daylight	POWER	27	12	70	4225	140°	Aluminium
05322131	PAR56 27 Power LED - Turquoise	POWER	27	12	70	4225	140°	Aluminium
05322141	PAR56 27 Power LED - Blue	POWER	27	12	70	4225	140°	Aluminium
05322151	PAR56 27 Power LED - Red	POWER	27	12	70	4225	140°	Aluminium
05322161	PAR56 27 Power LED - Green	POWER	27	12	70	4225	140°	Aluminium
0532223	PAR56 27 Power LED Built-in Control Aluminium Body	POWER	27	12	70	4225	140°	Aluminium
0532224	PAR56 27 Power LED Central Control Aluminium Body	POWER	27	12	70	4225	140°	Aluminium
0532123	**RGBW PAR56 with 30 LED Built-in Control**	**POWER**	**30**	**12**	**31**	**1779**	**120°**	**Policarbonate**
0532226	**RGBW PAR56 with 50 Power LED - Built-in Control System**	**POWER**	**30**	**12**	**50**	**2525**	**120°**	**Aluminium**

Gemas Super Slim PAR56 Replacement Kits

Code	Description	LED Type	# of LED	Voltage (W)	AC V Power (W)	Light Intensity (lux = lm/m²)	Light Angle	Case
051140L	**Slim 252 SMD LED - White**	**SMD**	**252**	**12**	**50**	**3536**	**120°**	**Policarbonate**
051141L	Slim 252 SMD LED - Daylight	SMD	252	12	50	3536	120°	Policarbonate
051142L	Slim 252 SMD LED - Turquoise	SMD	252	12	36	1011	120°	Policarbonate
051143L	Slim 252 SMD LED - Blue	SMD	252	12	36	1011	120°	Policarbonate
051144L	Slim 252 SMD LED - Red	SMD	252	12	36	1011	120°	Policarbonate
051145L	Slim 252 SMD LED - Green	SMD	252	12	36	1011	120°	Policarbonate
051153L	Slim 252 SMD LED Built-in Control	SMD	252	12	36	1011	120°	Policarbonate
051155L	Slim 252 SMD LED Central Control	SMD	252	12	36	1011	120°	Policarbonate
051150L	Slim 90 SMD LED Built-in Control	SMD	90	12	36	1081	120°	Policarbonate
051152L	Slim 90 SMD LED Central Control	SMD	90	12	36	1081	120°	Policarbonate
051130L	**Slim 81 SMD LED - White**	**SMD**	**81**	**12**	**35**	**2739**	**120°**	**Policarbonate**
051131L	Slim 81 SMD LED - Daylight	SMD	81	12	35	2739	120°	Policarbonate
051132L	Slim 81 SMD LED - Turquoise	SMD	81	12	30	1241	120°	Policarbonate
051133L	Slim 81 SMD LED - Blue	SMD	81	12	30	1241	120°	Policarbonate
051134L	Slim 81 SMD LED - Red	SMD	81	12	30	1241	120°	Policarbonate
051135L	Slim 81 SMD LED - Green	SMD	81	12	30	1241	120°	Policarbonate
051156L	Slim 81 SMD LED Built-in Control	SMD	81	12	30	1241	120°	Policarbonate
051157L	Slim 81 SMD LED Central Control	SMD	81	12	30	1241	120°	Policarbonate
051130EL	**ECOSlim 72 SMD LED - White**	**SMD**	**72**	**12**	**16**	**1468**	**120°**	**Policarbonate**
051131EL	ECOSlim 72 SMD LED - Daylight	SMD	72	12	16	1468	120°	Policarbonate
051132EL	ECOSlim 72 SMD LED - Turquoise	SMD	72	12	15	1150	120°	Policarbonate
051133EL	ECOSlim 72 SMD LED - Blue	SMD	72	12	15	1150	120°	Policarbonate
051134EL	ECOSlim 72 SMD LED - Red	SMD	72	12	15	1150	120°	Policarbonate
051135EL	ECOSlim 72 SMD LED - Green	SMD	72	12	15	1150	120°	Policarbonate
051150EL	ECOSlim 72 SMD LED Built-in Control	SMD	72	12	15	1150	120°	Policarbonate
051151EL	ECOSlim 72 SMD LED Central Control	SMD	72	12	15	1150	120°	Policarbonate

PS: The Super Slim LED mounting kit (05140002SP) is not included and must be ordered separately.

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GEMAS Super Slim Midi-Mini Replacement Kits

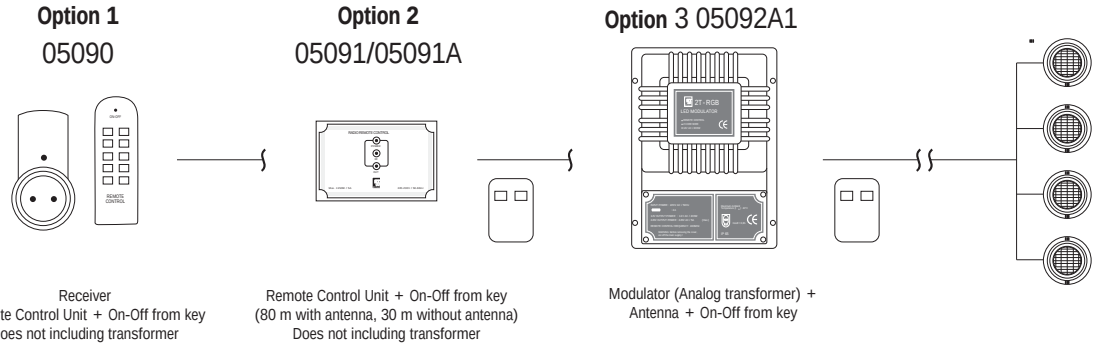
Code	Description	LED Type	# of LED	Voltage (V)	AC V Power (W)	Light Intensity (lux = lm/m²)	Light Angle	Case
051160L	**M‹D‹-Clicker 72 SMD LED - White**	**SMD**	**72**	**12**	**10**	**562**	**120°**	**Policarbonate**
051161L	M‹D‹-Clicker 72 SMD LED - Daylight	SMD	72	12	10	562	120°	Policarbonate
051162L	M‹D‹-Clicker 72 SMD LED - Turquoise	SMD	72	12	9	181	120°	Policarbonate
051163L	M‹D‹-Clicker 72 SMD LED - Blue	SMD	72	12	9	181	120°	Policarbonate
051164L	M‹D‹-Clicker 72 SMD LED - Red	SMD	72	12	9	182	120°	Policarbonate
051165L	M‹D‹-Clicker 72 SMD LED - Green	SMD	72	12	9	183	120°	Policarbonate
051170L	MIDI-Clicker 72 SMD LED'li Built-in Control	SMD	72	12	9	184	120°	Policarbonate
051171L	MIDI-Clicker 72 SMD LED'li Central Control	SMD	72	12	9	185	120°	Policarbonate
051160SFL	**Resin M‹D‹-Clicker 72 SMD LED - White**	**SMD**	**72**	**12**	**10**	**562**	**120°**	**Policarbonate**
051161SFL	Resin M‹D‹-Clicker 72 SMD LED - Daylight	SMD	72	12	10	562	120°	Policarbonate
051162SFL	Resin M‹D‹-Clicker 72 SMD LED - Turquoise	SMD	72	12	9	181	120°	Policarbonate
051163SFL	Resin M‹D‹-Clicker 72 SMD LED - Blue	SMD	72	12	9	181	120°	Policarbonate
051164SFL	Resin M‹D‹-Clicker 72 SMD LED - Red	SMD	72	12	9	182	120°	Policarbonate
051165SFL	Resin M‹D‹-Clicker 72 SMD LED - Green	SMD	72	12	9	183	120°	Policarbonate
051170SFL	Resin MIDI-Clicker 72 SMD LED'li Built-in Control	SMD	72	12	9	184	120°	Policarbonate
051171SFL	Resin MIDI-Clicker 72 SMD LED'li Central Control	SMD	72	12	9	185	120°	Policarbonate
051180L	**M‹N‹-Clicker 36 SMD LED - White**	**SMD**	**36**	**12**	**7**	**550**	**120°**	**Policarbonate**
051181L	M‹N‹-Clicker 36 SMD LED - Daylight	SMD	36	12	7	550	120°	Policarbonate
051182L	M‹N‹-Clicker 36 SMD LED - Turquoise	SMD	36	12	4	92	120°	Policarbonate
051183L	M‹N‹-Clicker 36 SMD LED - Blue	SMD	36	12	4	92	120°	Policarbonate
051184L	M‹N‹-Clicker 36 SMD LED - Red	SMD	36	12	4	92	120°	Policarbonate
051185L	M‹N‹-Clicker 36 SMD LED - Green	SMD	36	12	4	92	120°	Policarbonate
051190L	MINI-Clicker 36 SMD LED'li Built-in Control	SMD	36	12	4	92	120°	Policarbonate
051191L	MINI-Clicker 36 SMD LED'li Central Control	SMD	36	12	4	92	120°	Policarbonate
051180SFL	**Resin M‹N‹-Clicker 36 SMD LED - White**	**SMD**	**36**	**12**	**7**	**550**	**120°**	**Policarbonate**
051181SFL	Resin M‹N‹-Clicker 36 SMD LED - Daylight	SMD	36	12	7	550	120°	Policarbonate
051182SFL	Resin M‹N‹-Clicker 36 SMD LED - Turquoise	SMD	36	12	4	92	120°	Policarbonate
051183SFL	Resin M‹N‹-Clicker 36 SMD LED - Blue	SMD	36	12	4	92	120°	Policarbonate
051184SFL	Resin M‹N‹-Clicker 36 SMD LED - Red	SMD	36	12	4	92	120°	Policarbonate
051185SFL	Resin M‹N‹-Clicker 36 SMD LED - Green	SMD	36	12	4	92	120°	Policarbonate
051190SFL	Resin MINI-Clicker 36 SMD LED'li Built-in Control	SMD	36	12	4	92	120°	Policarbonate
051191SFL	Resin MINI-Clicker 36 SMD LED'li Central Control	SMD	36	12	4	92	120°	Policarbonate

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Single Color LED Bulbs - Control Systems

Single color LED lights used in swimming pools can be controlled with remote control systems. The control devices in question are divided into 2 main groups, with and without transformer. Transformer receivers (Modulator) can be analog or electronic transformers. Transformers are inside the antenna receiver unit. In cases where the capacity is not enough, the increase in capacity can be achieved with the help of additional transformers. There is an analog transformer control system on our list. An electronic transformer system can be made upon request.

System Connection Scheme



Receiver
Remote Control Unit + On-Off from key
Does not including transformer

Remote Control Unit + On-Off from key
(80 m with antenna, 30 m without antenna)
Does not including transformer

Modulator (Analog transformer) +
Antenna + On-Off from key

Single Color Bulb Control Panels and Remote Controls

"Modulator for Single Color LED Light" complete with 220 V input, 12 V output, radio wave-antenna remote control receiver, **200 W** analog transformer and 2 key remote control switch. It can be connected in parallel with the conventional transformer for added power. **It is installed with two-core cable.**



Description	Code	Pieces/ box	Weight Kg	Volume m^3
Modulator for Single Color LED Light	**05092A1**	1		

REMOTE CONTROL DEVICES FOR SINGLE COLOR LED LIGHTS

Remote Control. Used for LED lights with built-in PCB. Changes the program of a group of light easily by switching on and off, without going to the engine room. The reach of the model is 30 m without the antenna and 80 m with antenna. Power capacity for all of the models is 1,1 kW.



05090

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Receiver with the plug + remote control	**05090**	1	0,200	
• In-line receiver + remote control	**05091**	1		
• 05091, with antenna	**05091A**	1		
• 2- Button Remote Control for Single Color	**05091AY01**	1		
• Two Terminal Panel 2 with 4 button Remote Control	**05092A3**	1		
• 05092A3's Panel Type	**05092A3P**	1		
• 4- Button Remote Control, for RGB LED	**05092A3Y01**	1		



05091A



05091AY01



05092A3



05092A3P



05092A3Y01

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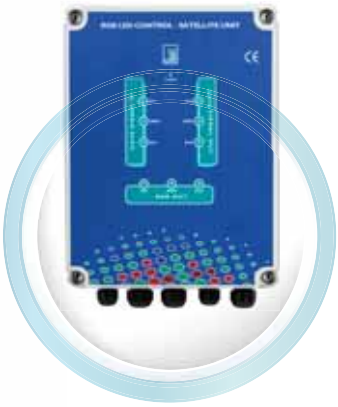
RGB LED Bulbs - Control Systems



05073231



05073221



05073221S

LED lights with changing RGB colors and light attractions can be installed with different techniques. The basic difference between the lights is the method it uses to control the light changes and the harmony in the light attractions. This control can be maintained separately for every light by an integrated PCB (printed circuit board) as in built-in PCB models. Alternatively, there can be a central PCB installed in a central control panel, to regulate all the lights centrally.

Central PCB models are the definite solution to the synchronization problems that occur in multi-light systems (> 10 lamps) in long time operation. Hence they are recommended in multi-light systems. These kind of control panels are suitable for a limited number of lights. For larger quantities, adequate number of satellite panels should be installed.

Changing the light program of the lights is realized by switching the system on and off with a remote control. Before doing this, the system should be operating for at least 1-2 minutes. In lights with built-in PCB, all the lights are tied to a plug with remote control receiver

(1) or a board with a receiver

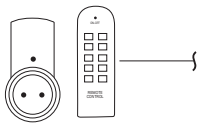
(2). These receivers make sure that the light program has changed for all the lights by switching them on and off with the command from the remote control. As the distances between the PCBs in the lights and the receiver are different, synchronization problem may occur in operations longer than 2 hours. In case of this problem, the system should be switched off, and be switched on again after 7-13 seconds. After this, all lights continue working simultaneously with the same program. There is also a special board

(3) that facilitates this synchronization. This board also has a remote control and receiver, and can control back and forth movement between light programs. An external timer can also be installed in this panel.

In central PCB systems receiver is installed within the board and controls a single central PCB. In this systems, the synchronization of the light programs never spoil.

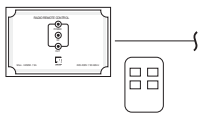
BUILT-IN PCB SYSTEM CONNECTION DIAGRAM

Option 1
05090



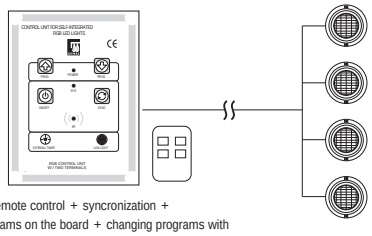
Receiver with plug and remote control + changing programs by switch ON-OFF on remote

Option 2
05091/05091A



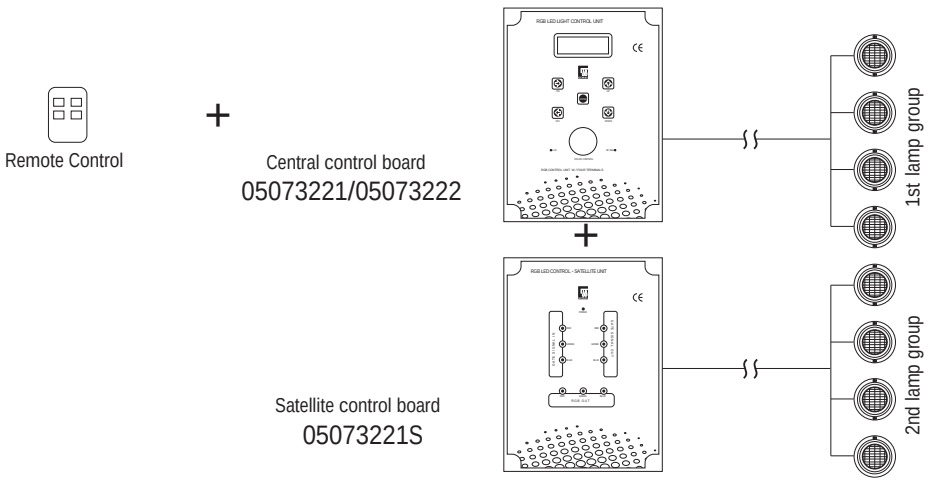
Remote Control + changing programs with the remote (with antenna 80 m - without antenna 30 m)

Option 3 05073231



Remote control + syncronization + changing programs on the board + changing programs with remote control + external timer connection + antenna

CENTRAL PCB SYSTEN CONNECTION DIAGRAM



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RGB LED Lights Control Panels and Remote Control Devices

Light Modulator for RGB Color and Single Color Led Lights. Complete with 220 V input, 12 V output, radio remote control receiver, antenna and 4-key remote-control switch. Synchronization with one button, on-off button, reset button, program change buttons via control switch. **It is a 200 W Analog Transformer,** it can be connected in parallel with a conventional transformer for additional power. **Installed with two-core cable.**



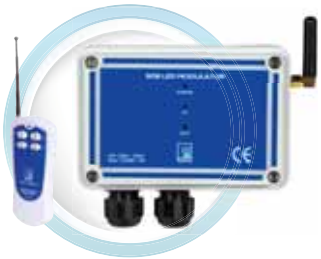
Description	Code	Pieces/ box	Weight Kg	Volume m^3
• LED Modulator, for RGB LED	**05092A**	1		
• 4- Button Remote Control, for RGB LED	**05092A3Y01**	1		

Built-in Two-terminal Light modulators for RGB changing Color LED.
Complete with 220 V input-output, radio remote control receiver, antenna and 4-button remote control. Synchronization with a single button on the panel and the remote control (Panel 1) or only on the remote control (Panel 2). On-Off button, reset button, program change buttons. Connections for an external timer. **Installed with two-core cable. There is no Transformer on the panel, can be installed with analog or electronic transformers (= Satellite Panel).**



05073231

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Two Terminal Panel 1 with 4 button Remote Control	**05073231**	1		
• Two Terminal Panel 2 with 4 button Remote Control	**05092A3**	1		
• 05092A3's Panel Type	**05092A3P**	1		



05092A3



05092A3P

Central Control Panel with Four Terminals for RGB LED Bulbs:
LED light control panel complete with 200 V inlet / 12 V outlet, **200 W electronic transformer,** remote control and radio wave receiver. Central control with 16 different light programs. Connections for external timer. **To be established with four core cable infrastructure.**



05073221

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Board I with four terminals	**05073221**	1		
• Satellite board*, for four terminals	**05073221S**	1		

* Electronic transformer.



05073221S

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Transformers



50W/220V-12V Outlet

Description	Code	Pieces/ box	Weight Gr
• 50W/220V-12V Transformer with Polyurethane insulation, IP65 - Copper Winding	**05069P**	1	
• 50W/220V-12V Transformer with Polyurethane insulation, IP65 - Aluminum Winding	**05069AP**	1	



100W/220V-12V Outlet

Description	Code	Pieces/ box	Weight Gr
• 100W/220V-12V Transformer with Polyurethane insulation, IP65 - Copper Winding	**05067P**	1	
• 100W/220V-12V Transformer with Polyurethane insulation, IP65 - Aluminum Winding	**05067AP**	1	



05073A and 05073AP



05073P

300W/220V-12V Outlet

Description	Code	Pieces/ box	Weight Gr
• 300W/220V-12V Transformer IP20 - Aluminum Winding	**05073A**	1	
• 300W/220V-12V Transformer with Polyurethane insulation, IP65 - Copper Winding	**05073P**	1	3,970
• 300W/220V-12V Transformer with Polyurethane insulation, IP65 - Aluminum Winding	**05073AP**	1	6,110



300W/220V-24V Outlet

Description	Code	Pieces/ box	Weight Gr
300W/220V-24V Transformer with Polyurethane insulation, IP65 - Copper Winding	**05065P**	1	

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Transformers

300W/220V-13, 14, 15, 16 with cascade output. (No load through transformer).
Housing made of heat resistant durable plastic. Connection compartment has a sealed cover. Outlet with special connection terminals, 230 V input with glass fuse. Supplied with bolts + plugs to hang on the wall and spare glass fuse. Designed for installations where the lamp and transformer are remote. 2x6 cable type allows for connection up to 50 meters apart. **Winding is completely insulated with polyurethane.**
(See Selection Chart)



Description	Code	Pieces/ box	Weight Gr
• 300W/220V-13,14,15,16 Transformer with Polyurethane insulation, IP65 - Copper Winding	**05062P**	1	7,080

300W/220V-13, 14, 15, 16 OUTPUT,
SELECTION TABLE FOR OUTPUT VOLTAGE (VOLTS) FOR CASCADE TRANSFORMER

CABLE TYPE	DISTANCE BETWEEN TRAFO & LAMPS (m)							
	3-6-9	12	15	18	21	24	27	30
2 x 4	13	15	15	16	16	-	-	-
2 x 6	-	13	13	14	14	15	16	16

2X300W = 600W/220V-12V Outlet
Housing made of heat resistant plastic. Two 300W/12V underwater lamp can be connected.



Description	Code	Pieces/ box	Weight Gr
• 600W/12V Transformer with Polyurethane insulation, IP65 - Copper Winding	**05063P**	1	9,180

400W/220V-12V Outlet



Description	Code	Pieces/ box	Weight Gr
• 400W/220V-12V Transformer with Polyurethane insulation, IP65 - Aluminum Winding	**05078AP**	1	

600W/220V-24V Outlet



Description	Code	Pieces/ box	Weight Gr
• 600W/220V-24V Transformer with Polyurethane insulation, IP65 - Copper Winding	**05066P**	1	9,050

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Installation Equipment for Underwater Lights



Sandwich gasket for underwater lights.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
For Standard 2002 Underwater light	**05211401S**	1	0,800	



Junction Box.
Made of white ABS plastic. Connections are for "05051" conduits. Two main and two back-up connections.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
Junction Box	**05040**	8	2,610	0,016



05051



05051T

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Hose Conduit	**05051**	50	9,100	0,070
• Ditto, with threaded ends.	**05051T**	50		

Hose Conduit.
Spiral wounded-transparent and blue PVC hose of 3/4".

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Transparent- price per meter	**05053**	50	9,100	0,070
• Blue- price per meter	**05054**	50	5,200	



05111062

Underwater Light Cable.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 2 x 1,5 TTR price per meter	**05111062**	100 m		
• 2 x 4 TTR price per meter	**0511106**	100 m	21,200	
• 2 x 6 TTR price per meter	**05111061**	100 m	30,400	



Special tube used for underwater joints of the lamp cables.
Can be used with cables with a diameter between 1,2 - 3 mm. After the copper joint, the cable should be wrapped with electric band, and then be isolated with the underwater tube by heat treatment.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
For Ø1,2 - 3 mm cables, price per meter	**050831**	1		

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Electronic Switches

Flow Switch, 1,5 m cable.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Flow Switch 1 (Floater Type)	**05081**	1		
• Flow Switch 2 (Paddle Type)	**05083**	1		

Note: Flow Switch 1 'Floater' gives a 'no flow' signal when the floater is in the horizontal position.



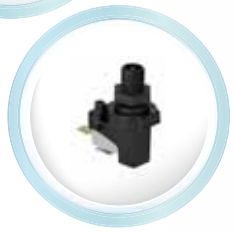
Floater Switch.
Made of PP. For on-off control of the level controlled device. 30 cm cable.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
Floater switch	**05082**	1		



Pneumatic Switch.
Up to 1 HP. Detects air flow or the absence of air flow through the button.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
Pneumatic Switch	**156871**	1		



Wired and Wireless Remote Controls

Pneumatic Switch Board.
For threephase pumps up to 4 kW (excluding). Complete with contactor and fuse. Ready installed in plastic box.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
Pneumatic switch board	**05080**	1	0,748	0,003



Pneumatic Button For Underwater Installations Through the Wall:
For the control of electrical equipment inside the pool. Complete with special wall conduit + cable outlet. Can be used with 05080 to be effective up to 30 m.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
Pneumatic Button For Underwater	**05080B**	1	0,650	0,004



Wired Remote Control for Lighting and / or Pool Equipment.
Used for remote wired control of lights, pumps, heaters or similar equipment. It has three outputs. Max for each output power capacity is 1.15 kW / 5 A. Cable distance is 3.0 m standard. Order for longer distances.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Three Function Button + Driver	**15233**	1		
• Three Function Button	**15231**	1		
• Single Function Button + Driver	**15234**	1		
• Single Function Button	**15232**	1		
• Driver	**15230**	1		



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Wired and Wireless Remote Controls



Remote Controls for Led Lights or Pool Equipment.

Used for remote control of lamps, pumps, heaters or similar equipment. Single output. Max. power capacity is 1,15 kW / 5 A. Control range is 80 m in open air. There may be a reduction in range in underground engine rooms. Does not include a transformer.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• In-Line Receiver and Remote Control	**05091A**	1		
• 2- Button Remote Control for Single Color	**05091AY01**	1		



050701

RS585-Wi-fi Modul

Used for remote wired control of lights, pumps, heaters or similar equipment. It has two outputs. Max for each output power capacity is 1,15 kW / 5 A. The control range is limited through internet browser by the Wi-Fi range. Controlled via screen commands with computers or smartphones through internet browser.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
RS485-Wi-Fi Modul	**050701**	1		

Electrical Control Boards



050712T

With contactor.

Electric control board; made of injection plastic, resistent to dust and impacts, closed type board with decorative look. For threephase and monophase pumps of up to 4 kW (exclusive). All boards have Siemens contactors and thermal magnetic switch board protection.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 1 triphase pump + 1 group of lights	**050711**	1	3,300	0,017
• Ditto, w/timer	**050711T**	1	3,500	0,017
• Ditto, w/200 W Analog Transformer	**050711TT**	1		0,017
• 1 triphase pump + 2 groups of lights	**050712**	1	3,594	0,017
• Ditto, w/timer	**050712T**	1	3,725	0,017
• 2 triphase pumps + 2 groups of lights	**050713**	1	4,382	0,017
• Ditto, w/timer	**050713T**	1	4,580	0,017

Note: Please ask for the price for your special boards.



050722T

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 1 Monophase Pump+1 group of lights	**050721**	1	3,300	0,017
• Ditto, w/timer	**050721T**	1	3,500	0,017
• Ditto, w/200 W Analog Transformer	**050721TT**	1		0,017
• 1 Monophase Pump+2 group of lights	**050722**	1	3,594	0,017
• Ditto, w/timer	**050722T**	1	3,725	0,017
• 2 Monophase Pump+2 group of lights	**050723**	1	4,382	0,017
• Ditto, w/timer	**050723T**	1	4,580	0,017

Note: For special panels with phase protection and circuit breakers etc, please ask for price.

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Pool Control Mono/Tri - Electronic Control Boards

Product Video

"POOL CONTROL MONO". Fully electronic, 7 segment display, pool electrical control panel. It controls single-phase pumps from 0.33 Hp to 2.0 Hp and 1 group of 100 W / 12 V lights (up to 4 pieces). Complete with 100 W or 200 W / 12 V Analogue transformer.

"POOL CONTROL TRI". Fully electronic, 7 segment display, pool electrical control panel. It controls tri-phase pumps up to 0.33 Hp and 1 group of 100W / 12V lights (up to 4 pieces). Complete with 100 W or 200 W / 12 V Analogue transformer.

2 years Parts WARRANTY





050731101

Technical Specifications:

- Controlled automatic operation is possible for pumps and lights. While the system is operating, it can pass from automatic control to manual or manual control to automatic without interrupting the system.
- **Wrong Connection Protection:** In case of a wrong connection in the connection box of the motor, it gives a short circuit warning and prevents the motor from starting. It stops the motor in case of a short circuit in the motor windings for any reason. (For example, the motor is submerged)
- **Thermal Current Protection:** The current drawn by the motor can be defined with a precision between 10% and 50%. In case of excessive current out of tolerance, the motor is disabled.
- **Closed Valve Protection:** It deactivates the motor using current control if the valves in the pump suction and / or discharge lines are closed by error. Thus, it eliminates the risk of damage caused by overheating.
- **Ampere Reading:** It allows seeing the current drawn by the pump motor at any time. All controls are disabled in this mode.
- **Working Time:** Possibility to see the total working time as year-month-day-hour-minute on the indicator from the first commissioning of the pump. Also uninterrupted working time display from last on.
- **Time Counter:** Possibility to start-stop the pump automatically for the desired time with the help of the meter.
- **Light Control and Toroidal Transformer:** 1 group 100 W or 200 W / 12 V light output and Toroidal transformer.
- **Spare Pump Connection:** Possibility of conversion to spare pump with a button.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Pool Control Mono; (Max. 100 W)	**0507311**	1		
• 1 Pump (+1 spare)+1 Gr. Light				
• 050731, (Max. 200 W)	**0507312**	1		
• Pool Control Tri; (Max. 100 W)	**0507311T**	1		
• 1 Pump (+1 spare)+1 Gr. Light				
• 0507311T, (Max. 200 W)	**0507312T**	1		
• Modul Control	**050731101**	1		
• Modul Control w/smartphone Wi-Fi app.	**050731101WF**			

"IF THE POOL CONTROL MONO / TRI IS PURCHASED AND INSTALLED WITH GEMAS MONOPHASE PUMPS, THE PUMP WARRANTY PERIOD IS EXTENDED FOR 2 YEARS FREE OF CHARGE."

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ISAVER - Pool Pump Frequency Inverter

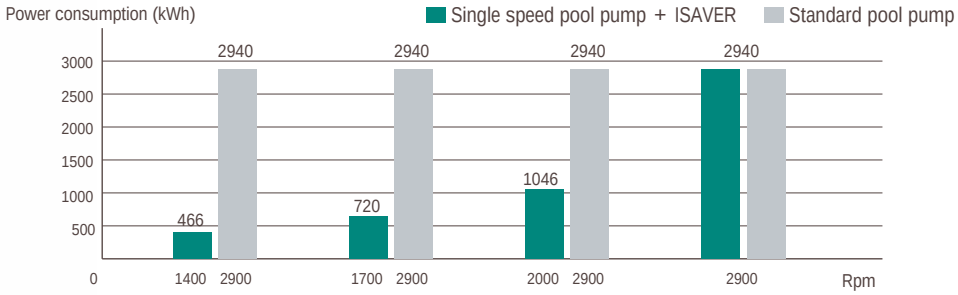
"New Inverter Technology"

2 years Parts WARRANTY

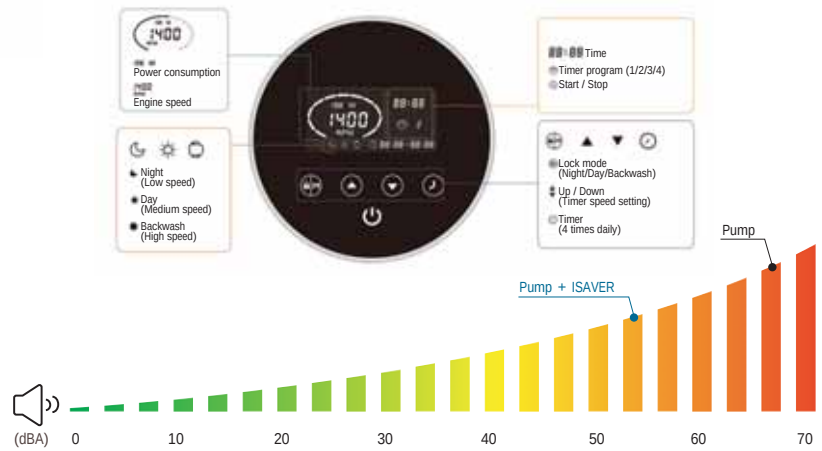


GEMAS "ISAVER" is the first "Touch Screen" frequency-inverter manufactured in the pool industry. By adjusting the running speed of the pool pump, it provides significant energy savings and operates silently. Additionally, it allows for automatic operation adjustment with different cycles within four time intervals throughout the day. The screen displays power consumption values corresponding to the set revolutions. It also offers the ability to adjust the speed during operation. Different models of the device are available for three-phase and single-phase motors (refer to the table for details). Max. capacity is 2,2 kW. The device includes dry contacts for various types of external controls. **PROVIDES SUBSTANTIAL ENERGY SAVINGS.**

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• ISAVER 1100	**0111INV1100**	1		
• ISAVER 1100C	**0111INV1100C**	1		
• ISAVER 2200	**0111INV2200**	1		
• ISAVER 2200C	**0111INV2200C**	1		



ISAVER Comparison Chart



TECHNICAL SPECIFICATIONS

MODEL	ISAVER 1100	ISAVER 2200	ISAVER 1100C	ISAVER 2200C
Operating Temp.	-10 ~ 40°C	-10 ~ 40°C	-10 ~ 40°C	-10 ~ 40°C
Input Power	1ph AC	1ph AC	1ph AC	1ph AC
Input Voltage	220V~240V	220V~240V	220V~240V	220V~240V
Frequency	50 Hz	50 Hz	50 Hz	50 Hz
Output Voltage	Mono, 0~240V	Mono, 0~240V	Tri, 0~240V	Tri, 0~240V
Output Power	Max 1.1kW	Max 2.2kW	Max 1.1kW	Max 2.2kW
Output Current	Max 6A	Max 12A	Max 4.5A	Max 8A
Pump Type	Monophase	Monophase	Triphase	Triphase
Speed Range	1200 ~ 2900 rpm			

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Control Boards - Level Control

LEVEL CONTROL BOARD; Full electronic balance tank level regulator control system.
Complete with electronic floater.



Technical Characteristics:

- **Overflow Control:** In case of an overflow of balance tank, sends signal to sound alarm system and/or balance tank suction motorised valve, alarms and/or prevents the overflow.
- **Lower Level Control:** When there is no water in the balance tank, sends signal to pump contactor and terminates the pump operation.
- **Upper Level Control:** In case a water shortage in the balance tank, device controls the selenoid valve of the main water line and automatically delivers water to the system.

MODELS:

Level Control I, Automatic water top up.
Complete with 3/4" selenoid valve and 1 electronic floater.
Level Control II, Automatic water top up and overflow alarm.
Complete with 3/4" selenoid valve, 2 electronic floater and sound alarm.
Level Control III, water top up, lower level and overflow alarm.
3/4" selenoid valve, 3 electronic floaters and sound alarm.
Overflow Control, Can be supplied by Ø50 or Ø63 motorized ball valve addition.





Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Level Control I	**050741**	1	0,500	0,002
• Level Control II	**050742**	1		
• Level Control III	**050743**	1		
For Overflow Control;				
• Ø50 mm Actuated ball valve	**131115LGA**	1		
• Ø63 mm Actuated ball valve	**131116LGA**	1		





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Automatic pH - Redox Controller



06311N



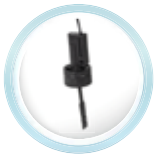
06312N

GEMAS POOL DIRECTOR 2023 (Automatic pH-Redox Controller).
Complete with electrodes, electrode cables, flow cell and buffer solutions. Microprocessor controlled. Installed on a 507x705 plastic panel which has reservations for dosing pumps. **Dosing pumps are not included in the price. Please order dosing pumps with necessary capacities additionally.**

Technical Features:
- Microprocessor technology
- Touch-operated keypad
- ON-OFF and rational operation modes can be selected for pH and ORP separately
- Automatic calibration with chosen calibration solution
- Optional heat sensor
- Optional dosing pump level control
- Optional flow switch for flow control
- RS232 or RS485 outlets for optional DATA transfer



05082



05083

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Pool Director - with board	**06311N**	1		
• Pool Director - w/out board	**06312N**	1		
• Additional heat sensor	**063212N**	1		
• Additional dosing pump level control	**05082**	1		
• Additional flow switch	**05083**	1		



06311E



Sensor holder

GEMAŞ POOL DIRECTOR - P (Automatic pH-Redox Controller)
Complete with two 1.5 lt/h or 3,0 lt/h - 1 bar peristaltic dosing pumps, electrodes, electrode cable, sensor holder, fixing accessories and buffer solutions. Microprocessor controlled.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Pool Director - P, 1,5 lt/h	**06310E**	1		
• Pool Director - P, 3,0 lt/h	**06311E**	1		
• Additional heat sensor	**063212N**	1		
• Additional dosing pump level control	**05082**	1		
• Additional flow switch	**05083**	1		

NEW !



GEMAŞ POOL DIRECTOR - M (Automatic pH-Redox Controller)
A microprocessor-controlled intelligent disinfection system that automatically measures, adjusts, and maintains the pH and ORP values of pool water at ideal levels.Complete with two 2 lt/7 bar or 5 lt/5 bar dosing pumps, electrodes, electrode cable, sensor holder, fixing accessories and buffer solutions. Microprocessor controlled.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Pool Director - M, 2 lt/h / 7B	**06310EM**	1		
• Pool Director - M, 5 lt/h / 5B	**06311EM**	1		

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Free-Chlorine and pH Controller

GEMAS pH and Free Chlorine Controller. Free-chlorine and pH electrode fully assembled on the panel. Complete with flow switch, flow meter with proximity switch, acrylic Flow Cell, pHFree Chlorine - Temperature Sensors, Calibration solutions and Mounting Kit. IP65 protection, Residual chlorine ppm (=mg/l), redox (=mV) and pH measurement and control system. It can be remotely controlled from the mobile phone with the optional Wi-Fi module. It also shows instant water temperature. Dosage pumps can be mounted on the panel. **Dosing pumps are not included in the price. Please order dosing pumps with necessary capacities additionally.**



Description	Code	Pieces/ box	Weight Kg	Wolume m³
pH and Free Chlorine Controller	**06420**	1		

Free chlorine and pH in public swimming pools according to DIN 19643 (additionally REDOX should be preferred.) Automatic Control System is compulsory. FCL sensor is amperometric. Ionselective sensor can be produced upon request.

GEMAS pH, Redox and Free Chlorine Controller.
Free-chlorine and pH electrode fully assembled on the panel. Complete with flow switch, flow meter with proximity switch, acrylic Flow Cell, pH-Redox - Free Chlorine - Temperature Sensors, Calibration solutions and Mounting Kit. IP65 protection, Residual chlorine ppm (=mg/l), redox (=mV) and pH measurement and control system. It can be remotely controlled from the mobile phone with the optional Wi-Fi module. It also shows instant water temperature. Dosage pumps can be mounted on the panel. **Dosing pumps are not included in the price. Please order dosing pumps with necessary capacities additionally.**



Description	Code	Pieces/ box	Weight Kg	Wolume m³
pH, Redox and Free Chlorine Controller	**06422**	1		

Free chlorine and pH in public swimming pools according to DIN 19643 (additionally REDOX should be preferred.) Automatic Control System is compulsory. FCL sensor is amperometric. Ionselective sensor can be produced upon request.

Monoblock Automatic Control Systems with Dosing Pumps

GEMAS Monoblock Measurement and Dosing Unit. IP65 digital indicator, Complete with 10L/5B (20 L/1,5 B - 17 L/2 B) dosage pump integrated pH and ORP dosage units, sensors, sensor holders, calibration solutions. Assembled on panel.



Technical Specifications:
- Microcontroller technology
- Automatic calibration with the selected calibration fluid
- Optional dosing pump level controls
- "Flow Switch" for optional flow control

Description	Code	Pieces/ box	Weight Kg	Wolume m³
	065MD03	1		

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Gemaş Treatrone Dosing Pumps



TREATRONE ANALOG

- Analog Dosing Pump with On/Off Button
- Adjustable stroke rate via the built-in potentiometer
- Easy and flexible installation and operation thanks to its vertically mounted design
- IP65-rated housing and PP head assembly for high chemical resistance (optional PVDF head assembly)
- Fully plastic housing for high resistance to corrosive chemicals
- Long-life PTFE (Teflon) diaphragm
- Supplied with PP suction and discharge accessories

Description	Code	Pieces/ box	Weight Kg	Wolume m³
• Gemaş Treatrone Analog 10L/5B **(20 L/1,5 B - 17 L/2 B)**	**06TD105**	1		
• Gemaş Treatrone Analog 5L/7B	**06TD107**	1		
• Gemaş Treatrone Analog 2L/10B	**06TD110**	1		

Product Code	Product Name	Included in Package	Product Content
0663114	Suction Kit 4x6	✓	4x6 mm check valve, connection nipple, and weighted PP suction kit — for all models
0663111	Discharge Kit 4x6	✓	4x6 mm check valve and connection nipple PP discharge kit — for 2L/10B, 5L/7B models
06TD10513	Hose Kit	✓	Hoses for suction, discharge, and air-relief connections — for 2L/10B, 5L/7B models
0663120	Suction Kit 6x8	✓	6x8 mm check valve, connection nipple, and weighted PP suction kit — for 10L/5B model
0663113	Discharge Kit 6x8	✓	6x8 mm check valve and connection nipple PP discharge kit — for 10L/5B model
06TD10515	Hose Kit 6x8	✓	Hoses for suction, discharge, and air-relief connections — for 10L/5B model
06TD10504	Wall Mounting Kit	✓	Screw and dowel kit for wall mounting — for all models
06TD10509	Foot Kit	✗	Foot base and rail assembly — for all models
06E4108	Suction/Discharge Weight Part	✓	For all models, includes connection nipple
05084	Level Sensor, 1.5 m cable	✗	Included only with dosing pumps featuring level sensing

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Gemaş Treatrone Dosing Pumps

TREATRONE LC - ANALOG (Liquid Level)

- Analog Dosing Pump with Liquid Level Control
- Adjustable stroke rate via the built-in potentiometer
- Easy and flexible installation and operation thanks to its vertically mounted design
- IP65-rated housing and PP head assembly for high chemical resistance (optional PVDF head assembly)
- Fully plastic housing for high resistance to corrosive chemicals
- Long-life PTFE (Teflon) diaphragm
- Supplied with liquid level sensor and PP suction/discharge accessories

NEW !



Description	Code	Pieces/ box	Weight Kg	Wolume m³
• Gemaş Treatrone S Analog 10L/5B (20 L/1,5 B - 17 L/2 B)	06TD1S05	1		
• Gemaş Treatrone S Analog 5L/7B	06TD1S07	1		
• Gemaş Treatrone S Analog 2L/10B	06TD1S10	1		

Product Code	Product Name	Included in Package	Product Content
0663114	Suction Kit 4x6	✓	4x6 mm check valve, connection nipple, and weighted PP suction kit — for all models
0663111	Discharge Kit 4x6	✓	4x6 mm check valve and connection nipple PP discharge kit — for 2L/10B, 5L/7B models
06TD10513	Hose Kit	✓	Hoses for suction, discharge, and air-relief connections — for 2L/10B, 5L/7B models
0663120	Suction Kit 6x8	✓	6x8 mm check valve, connection nipple, and weighted PP suction kit — for 10L/5B model
0663113	Discharge Kit 6x8	✓	6x8 mm check valve and connection nipple PP discharge kit — for 10L/5B model
06TD10515	Hose Kit 6x8	✓	Hoses for suction, discharge, and air-relief connections — for 10L/5B model
06TD10504	Wall Mounting Kit	✓	Screw and dowel kit for wall mounting — for all models
06TD10509	Foot Kit	✗	Foot base and rail assembly — for all models
06E4108	Suction/Discharge Weight Part	✓	For all models, includes connection nipple
05084	Level Sensor, 1.5 m cable	✓	Included only with dosing pumps featuring level sensing

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Gemaş Treatrone Dosing Pumps



TREATRONE Mini - Analog

- Adjustable stroke rate via the built-in potentiometer
- Easy and flexible installation and operation thanks to its vertically mounted design
- IP65-rated housing and PP head assembly for high chemical resistance (optional PVDF head assembly)
- Fully plastic housing for high resistance to corrosive chemicals
- Long-life PTFE (Teflon) diaphragm
- Supplied with PP suction and discharge accessories

Description	Code	Pieces/ box	Weight Kg	Wolume m³
• Gemaş Treatrone Mini Analog 5L/5B	**06TM105**	1		
(10 L/1,5 B - 7 L/2 B)		1		
• Gemaş Treatrone Mini Analog 2L/7B	**06TM107**			
• Gemaş Treatrone Mini Analog 0,5L/5B	**06TM1005**	1		

Product Code	Product Name	Included in Package	Product Content
0663114	Suction Kit 4x6	✓	4x6 mm check valve, connection nipple, and weighted PP suction kit — for all models
0663111	Discharge Kit 4x6	✓	4x6 mm check valve and connection nipple PP discharge kit — for 2L/10B, 5L/7B models
06TD10513	Hose Kit	✓	Hoses for suction, discharge, and air-relief connections — for 2L/10B, 5L/7B models
06TD10504	Wall Mounting Kit	✓	Screw and dowel kit for wall mounting — for all models
06TD10509	Foot Kit	✗	Foot base and rail assembly — for all models
06E4108	Suction/Discharge Weight Part	✓	For all models, includes connection nipple
05084	Level Sensor, 1.5 m cable	✗	Included only with dosing pumps featuring level sensing

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Gemaş Treatrone Dosing Pumps

TREATRONE Mini LC - ANALOG (Liquid Level)

- Analog Mini Dosing Pump with Liquid Level Control
- Adjustable stroke rate via the built-in potentiometer
- Easy and flexible installation and operation thanks to its vertically mounted design
- IP65-rated housing and PP head assembly for high chemical resistance (optional PVDF head assembly)
- Fully plastic housing for high resistance to corrosive chemicals
- Long-life PTFE (Teflon) diaphragm
- Supplied with liquid level sensor and PP suction/discharge accessories



Description	Code	Pieces/ box	Weight Kg	Wolume m³
• Gemaş Treatrone S Mini Analog 5L/5B	**06TM1S105**	1		
(10 L/1,5 B - 7 L/2 B)				
• Gemaş Treatrone S Mini Analog 2L/7B	**06TM1S107**	1		
• Gemaş Treatrone S Mini Analog 0,5L/5B	**06TM1S1005**	1		

Product Code	Product Name	Included in Package	Product Content
0663114	Suction Kit 4x6	✓	4x6 mm check valve, connection nipple, and weighted PP suction kit — for all models
0663111	Discharge Kit 4x6	✓	4x6 mm check valve and connection nipple PP discharge kit — for 2L/10B, 5L/7B models
06TD10513	Hose Kit	✓	Hoses for suction, discharge, and air-relief connections — for 2L/10B, 5L/7B models
06TD10504	Wall Mounting Kit	✓	Screw and dowel kit for wall mounting — for all models
06TD10509	Foot Kit	✗	Foot base and rail assembly — for all models
06E4108	Suction/Discharge Weight Part	✓	For all models, includes connection nipple
05084	Level Sensor, 1.5 m cable	✓	Included only with dosing pumps featuring level sensing

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Gemaş Treatrone Dosing Pumps



TREATRONE Peristaltic

- Precise and reliable chemical dosing through the peristaltic dosing system
- 220 V AC operating voltage
- Low power consumption
- Chemical resistance provided by Santoprene peristaltic tubing
- Fully plastic housing for high resistance to corrosive chemicals

Description	Code	Pieces/ box	Weight Kg	Wolume m³
• Gemaş Treatrone Peristaltic 3L/1B	**06PD0301**	1		
• Gemaş Treatrone Peristaltic 1,5L/1B	**06PD0302**	1		

Product Code	Product Name	Included in Package	Product Content
0663114	Suction Kit 4x6	✓	4x6 mm check valve, connection nipple, and weighted PP suction kit — for all models
0663111	Discharge Kit 4x6	✓	4x6 mm check valve and connection nipple PP discharge kit — for 2L/10B, 5L/7B models
06TD10513	Hose Kit	✓	Hoses for suction, discharge, and air-relief connections — for 2L/10B, 5L/7B models
06TD10504	Wall Mounting Kit	✓	Screw and dowel kit for wall mounting — for all models
06PD0301SP	Shaft Kit Dp	✓	06PD030108 + 2x 06PD030109 + 2x 304 stainless steel pin Q4x20.75
06PD0301SP1	Hose Kit Dp	✓	2x 06PD030106 + 06PD030111
06E4108	Suction/Discharge Weight Part	✓	For all models, includes connection nipple
05084	Level Sensor, 1.5 m cable	✗	Included only with dosing pumps featuring level sensing

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Gemaş Treatrone Dosing Pumps

TREATRONE DIGITAL

- Time-Programmable and Liquid Level Controlled Dosing Pump
- Precise dosing enabled by digital display and microcontroller technology
- Timer operating mode
- Easy menu access via button technology
- Adjustable liquid level control
- Easy and flexible installation and operation thanks to its vertically mounted design
- IP65-rated housing and PP head assembly for high chemical resistance (optional PVDF head assembly)
- Long-life PTFE (Teflon) diaphragm
- Fully plastic housing for high resistance to corrosive chemicals
- Supplied with PP suction/discharge and liquid level sensor accessories



Description	Code	Pieces/ box	Weight Kg	Wolume m³
• Gemaş Treatrone Digital 10L/5B (20 L/1,5 B - 17 L/2 B)	**06TD205**	1		
• Gemaş Treatrone Digital 5L/7B	**06TD207**	1		
• Gemaş Treatrone Digital 2L/10B	**06TD210**	1		

Product Code	Product Name	Included in Package	Product Content
0663114	Suction Kit 4x6	✓	4x6 mm check valve, connection nipple, and weighted PP suction kit — for all models
0663111	Discharge Kit 4x6	✓	4x6 mm check valve and connection nipple PP discharge kit — for 2L/10B, 5L/7B models
06TD10513	Hose Kit	✓	Hoses for suction, discharge, and air-relief connections — for 2L/10B, 5L/7B models
0663120	Suction Kit 6x8	✓	6x8 mm check valve, connection nipple, and weighted PP suction kit — for 10L/5B model
0663113	Discharge Kit 6x8	✓	6x8 mm check valve and connection nipple PP discharge kit — for 10L/5B model
06TD10515	Hose Kit 6x8	✓	Hoses for suction, discharge, and air-relief connections — for 10L/5B model
06TD10504	Wall Mounting Kit	✓	Screw and dowel kit for wall mounting — for all models
06TD10509	Foot Kit	✗	Foot base and rail assembly — for all models
06E4108	Suction/Discharge Weight Part	✓	For all models, includes connection nipple
05084	Level Sensor, 1.5 m cable	✓	Included only with dosing pumps featuring level sensing

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Gemaş Treatrone Dosing Pumps



TREATRONE PERISTALTIC DIGITAL

- Precise and reliable chemical dosing through the peristaltic dosing system
- Precise dosing enabled by digital display and microcontroller technology
- Timer operating mode
- 220 V AC operating voltage
- Low power consumption
- Chemical resistance provided by Santoprene peristaltic tubing
- Fully plastic housing for high resistance to corrosive chemicals
- Compact, durable design with IP65 protection and easy installation

Description	Code	Pieces/ box	Weight Kg	Wolume m³
• Gemaş Treatrone Peristaltic Digital 3L/1B	**06TP2301**	1		
• Gemaş Treatrone Peristaltic Digital 1,5L/1B	**06TP21501**	1		

Product Code	Product Name	Included in Package	Product Content
0663114	Suction Kit 4x6	✓	4x6 mm check valve, connection nipple, and weighted PP suction kit — for all models
0663111	Discharge Kit 4x6	✓	4x6 mm check valve and connection nipple PP discharge kit — for 2L/10B, 5L/7B models
06TD10513	Hose Kit	✓	Hoses for suction, discharge, and air-relief connections — for 2L/10B, 5L/7B models
06TD10504	Wall Mounting Kit	✓	Screw and dowel kit for wall mounting — for all models
06PD0301SP	Shaft Kit Dp	✓	06PD030108 + 2x 06PD030109 + 2x 304 stainless steel pin Q4x20.75
06PD0301SP1	Hose Kit Dp	✓	2x 06PD030106 + 06PD030111
06E4108	Suction/Discharge Weight Part	✓	For all models, includes connection nipple
05084	Level Sensor, 1.5 m cable	✗	Included only with dosing pumps featuring level sensing

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Gemaş Treatrone Dosing Pumps

TREATRONE DIGITAL PR

- PR Digital pH/ORP, Volumetric, Liquid Level Controlled Dosing Pump
- Precise dosing enabled by digital display and microcontroller technology
- Liquid level control
- Standard combined electrodes for REDOX or PH measurement
- Fully digital automatic calibration using buffer solutions
- Configurable measurement stabilization time at startup (0–60 min)
- Easy and flexible installation and operation thanks to its vertically mounted design
- PVDF head assembly and IP65-rated housing for high chemical resistance
- Long-life PTFE (Teflon) diaphragm
- Fully plastic housing for high resistance to corrosive chemicals
- Supplied with PP suction/discharge and liquid level sensor accessories

NEW !



Description	Code	Pieces/ box	Weight Kg	Wolume m³
• Gemaş Treatrone Digital PR 10L/5B (20 L/1,5 B - 17 L/2 B)	**06TD305**	1		
• Gemaş Treatrone Digital PR 5L/7B	**06TD307**	1		
• Gemaş Treatrone Digital PR 2L/10B	**06TD310**	1		



* Probes are not included in the package.
See page 180 for ordering pH or Redox electrodes.

Product Code	Product Name	Included in Package	Product Content
0663114	Suction Kit 4x6	✓	4x6 mm check valve, connection nipple, and weighted PP suction kit — for all models
0663111	Discharge Kit 4x6	✓	4x6 mm check valve and connection nipple PP discharge kit — for 2L/10B, 5L/7B models
06TD10513	Hose Kit	✓	Hoses for suction, discharge, and air-relief connections — for 2L/10B, 5L/7B models
0663120	Suction Kit 6x8	✓	6x8 mm check valve, connection nipple, and weighted PP suction kit — for 10L/5B model
0663113	Discharge Kit 6x8	✓	6x8 mm check valve and connection nipple PP discharge kit — for 10L/5B model
06TD10515	Hose Kit 6x8	✓	Hoses for suction, discharge, and air-relief connections — for 10L/5B model
06TD10504	Wall Mounting Kit	✓	Screw and dowel kit for wall mounting — for all models
06TD10509	Foot Kit	✗	Foot base and rail assembly — for all models
06E4108	Suction/Discharge Weight Part	✓	For all models, includes connection nipple
05084	Level Sensor, 1.5 m cable	✓	Included only with dosing pumps featuring level sensing

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Gemaş Treatrone Dosing Pumps

NEW !



TREATRONE PERISTALTIC DIGITAL PR

- Reliable chemical dosing through the peristaltic dosing system
- Precise dosing enabled by digital display and microcontroller technology
- Standard combined electrodes for REDOX or PH measurement
- Fully digital automatic calibration using buffer solutions
- Timer operating mode
- 220 V AC operating voltage
- Low power consumption
- Chemical resistance provided by Santoprene peristaltic tubing
- Fully plastic housing for high resistance to corrosive chemicals
- Compact, durable design with IP65 protection and easy installation

Description	Code	Pieces/ box	Weight Kg	Wolume m³
• Gemaş Treatrone Peristaltic Digital 3L/1B	**06TP3301**	1		
• Gemaş Treatrone Peristaltic Digital 1,5L/1B	**06TP31501**	1		



* Probes are not included in the package.
See page 180 for ordering
pH or Redox electrodes.

Product Code	Product Name	Included in Package	Product Content
0663114	Suction Kit 4x6	✓	4x6 mm check valve, connection nipple, and weighted PP suction kit — for all models
0663111	Discharge Kit 4x6	✓	4x6 mm check valve and connection nipple PP discharge kit — for 2L/10B, 5L/7B models
06TD10513	Hose Kit	✓	Hoses for suction, discharge, and air-relief connections — for 2L/10B, 5L/7B models
06TD10504	Wall Mounting Kit	✓	Screw and dowel kit for wall mounting — for all models
06PD0301SP	Shaft Kit Dp	✓	06PD030108 + 2x 06PD030109 + 2x 304 stainless steel pin Q4x20.75
06PD0301SP1	Hose Kit Dp	✓	2x 06PD030106 + 06PD030111
06E4108	Suction/Discharge Weight Part	✓	For all models, includes connection nipple
05084	Level Sensor, 1.5 m cable	✗	Included only with dosing pumps featuring level sensing

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Dosing Pumps Capacity Calculation

Chosing the Dosing Pump:

A- Daily Chlorine Requirement:

1- Loss From Swimmers: The number of swimmers should be determined or estimated. This number should be considered according to busiest day. Daily loss per swimmer in meditarranean region is 10 gr/day.

2- Loss From Sun Light (The Destructive effects of UV light on chlorine): This loss is on average 2,5 gr per each pool m^3 in meditarranean belt.

Daily Chlorine Requirement (gr)= The Number of Swimmers x 10 gr + Pool Volume (m^3) x 2,5 gr For example: The Pool that 250 swimmer's daily use and 1000 m^3 pool volume. Daily Chlorine Requirement = 250 x 10 gr + 1000 m^3 x 2,5 gr/m^3 = 5000 gr

B- Determining The Capacities of Chlorine and Dosing Pumps:

*** Minimum Dosing Pump Capacity (l/h) =** Daily Chlorine Requirement (gr/day) x 0,0015 It depends on the fact that the determined capacity equals to the daily need of chlorine with %12 sodium hypoclorid get dosed 12 hours period. If dosing period is wanted to be shortened, the capacity should be increased with same level of shortining. For example; dosing period is chosen at 8 hours, total capacity 12/8 = 1,5 times increased. The same capacity is also enough for PH pump. Pump pressure loss should be chosen minimum 2 bars.

C- Determining The Capacity of Flocculant Dosing Pump:

Flocculant should be dosed as far as possible from filter. It's suggested to be dosed from pump outlet.

*** Minimum Capacity of Dosing Pump:** Pool Circulation Flow (m^3/h) x 0,002 The dosing that technically required is to give enough quantity continuously. Too much and too fast dosing would cause blur of the pool water. Pump pressure loss should be chosen minimum 2 bars. For example; a pool which has 100 m^3 flow, flocculant dosing pump capacity (l/h) = 100 m^3/h x 0,002 = 0,2 l/h. In this case the dosing pump which has 2 l/h capacity should work with 10%.

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Chemical Drums



06811 06812

Polythene Chemical Drums.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 100 l	**06811**	1	5,086	0,145
• 200 l	**06812**	1	8,110	0,285

Chemical Drum Mixers



Manual Mixer. Made of PVC Plastic.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	06831	1	0,260	0,001



06832 06833

Motorized Fast Mixer. Made of PVC plastic. 1400 rpm speed fast mixer.
0.18 KW / 220 V / 50 Hz. Shaft length: 600 mm.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
Fast Mixer	**06832**	1	10,260	0,137

Motorized Slow Mixer. Made of PVC plastic. 70 rpm speed slow mixer.
0.13 KW /220 V / 50 Hz. Shaft length: 600 mm.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
Slow Mixer	**06833**	1		

Spare Parts for Control Systems - Sensors



pH ELECTRODE : Complete with cable and, BNC socket.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• pH Electrode with, 1 m Cable	**06611**	1	0,124	0,0006
• pH Electrode with, 5 m Cable	**06613**	1		



REDOX ELECTRODE : Complete with cable and, BNC socket.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Redox Electrode with, 1 m Cable	**06612**	1	0,920	0,0006
• Redox Electrode with, 5 m Cable	**06614**			



Free Chlorine Electrode, ion selective. 0 - 5 ppm measuring range.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• F.C. Electrode Amperometric (Open cell)	**0642004**	1		

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Spare Parts for Control Systems - Others

Heat sensor with 1,5 m cable

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	063212N	1		



PVC FLOW CELL : Ø20 mm, single.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	06631	1	0,048	



Electrode Cell, Double.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Single	**06632**	1		
• Double	**06633**	1	0,980	



06633

Electrode Chamber, Made of injected, triple - Flow Rate Controlled - Complete w/proximity switch.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Electrode Chamber for flow, pH, ORP	**0642015**	1		
• Electrode Chamber for FCL	**0642016**	1		



0642015



0642016

Sensor Holder Made of PVC. Easy connection Ø63 PVC Tube by Ø63 Tee. Also includes Ø63-Ø50 mm reducer for Ø50 mm pipe installation.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
Sensor Holder for pH and ORP sensors	**0642017**	1		



Redox Buffer Solution

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 220 mv - 50 cc	**06511**	1	0,032	
• 468 mv - 50 cc	**06512**	1	0,032	



06511



06512

pH Buffer Solution

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• pH 4 - 50 cc	**06521**	1	0,032	
• pH 7 - 50 cc	**06522**	1	0,026	



06521



06522

Dosing pump level control with 1,5 m cable

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	05082	1		



Flow switch, 1,5 m cable

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Flow Switch 1 (Floater type)	**05081**	1		
• Flow Switch 2 (Paddle type)	**05083**	1		
• Magnetic Flow Switch 3	**102008**	1		



05081



05083 102008

PS. 05081 Can be used as floater swicth. It will give signal only on open mode not on vertical mode.

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Tablet Chlorine Dosing Systems



619027



0611504



06190701



06190701T

CHLORINE DISPENSERS

Made of ABS plastic, floating type tablet chlorine dosing float. Adjustable dosing amount.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Chlorine Dispenser Model 1-7 Tablet	**0619027**	1	0,290	0,004
• Chlorine Dispenser Model 2-6 Tablet	**0611504**	1	0,358	0,008
• Chlorine Dispenser Model 3-6 Tablet	**06190701**	1		
• Chlorine Dispenser Model 4-6 Tablet	**06190701T**	1		
• With thermometer.				



069CLT167A



069CLT167B

GEMAS CLT-167 CHLORINATOR. ABS body, 2 kg tablet capacity. Dosage adjustment on the device. Used for pools of maximum 95 m^3 capacity. Off-line model can be installed in the pool circulation line with an easy by-pass.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Off - Line	**069CLT167A**	1	1,130	0,012
• On - Line	**069CLT167B**	1	0,962	0,012
• Chlorinator Base, Inox for wall mounting	**069CLT01**	1		



069CLT168A

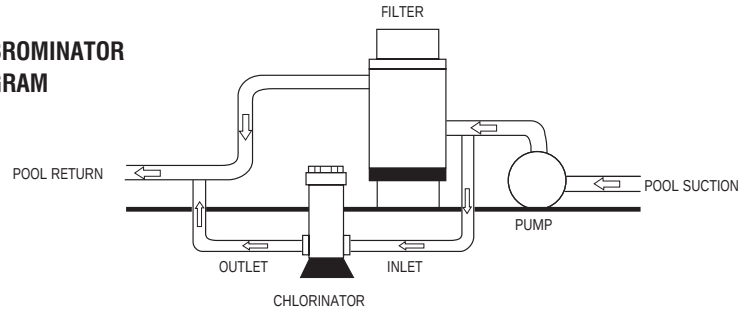


069CLT168B

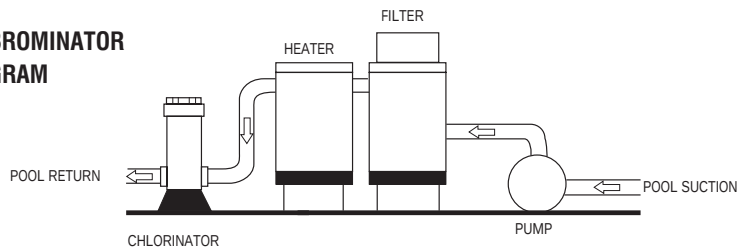
GEMAS CLT-168 CHLORINATOR. ABS body, 4 kg tablet capacity. Dosage adjustment on the device. Used for pools of maximum 150 m^3 capacity. Off-line model can be installed in the pool circulation line with an easy by-pass.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Off - Line	**069CLT168A**	1	1,748	0,017
• On - Line	**069CLT168B**	1	1,626	0,017

OFFLINE CHLORINATOR/BROMINATOR ASSEMBLY DIAGRAM



ONLINE CHLORINATOR/BROMINATOR ASSEMBLY DIAGRAM



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Puritron GSCN Salt-Water Chlorinators

Salt Water Chlorinators produce chlorine by electrolysis of pool water with salinity of teardrop. The device has a periodic cleaning cycle process (by switching polarity) against calcification inside electrode cell. Numerical screen shows the operation power by percentage and current value in ampers. According to total hardness of the pool water, Switching Polarity Cycle could be set from 1 to 8 hours. Factory Setting is once in every 6 hours. Device saves the total operation time as well as **measuring and showing salinity level. New design box facilitates easy access at the front panel for service. Wifi control over MODBUS is possible optionally by means of auxiliary connection. Electrodes are made of titanium and have a 8.000 hours long life.** It can be installed to every existing pool. All models can be used in seawater. The recommended salinity rate is 4000 ppm (=4kg/m³). The approximate salinity in sea water is 35.000 ppm.



Description	Code	Pieces/ box	Weight Kg	Volume m³
• Puritron GSCN-10, 10 g/h	**064253**	1		
• Puritron GSCN-15, 15 g/h	**064243**	1		
• Puritron GSCN-20, 20 g/h	**064263**	1		
• Puritron GSCN-30, 30 g/h	**064273**	1		
• Puritron GSCN-50, 50 g/h	**064293**	1		

Model	Pool Volume (m³)	Cl Prod. (g/h)	Salt (kg/m³)	Voltage (VAC)	Voltage (VDC)	Current DC (A)	Energy Consumption (W)
Puritron GSCN - 10	0 - 50	10	4,0	220	24	2,0	50
Puritron GSCN - 15	15 - 75	15	4,0	220	24	3,0	75
Puritron GSCN - 20	40 - 100	20	4,0	220	24	4,0	100
Puritron GSCN - 30	90 - 150	30	4,0	220	24	6,0	150
Puritron GSCN - 50	150 - 250	50	4,0	220	24	10,0	250

pH Kontrollü

In addition to above Salt Chlarinator specifications, the required software are added to enable automatic pH control. The new compact design allows a monobloc peristaltic pH dosing pump (1.5 lt/h-1 bar) embedded to chlorinator unit. Complete with sensor holder pH sensor and required pipe fittings. 2 X 16 LCD screen, water tempeture measurement options. Please ask price for larger capacity dosing pumps. (0642932 model is produced with 3lt/h - 1bar pump)



Description	Code	Pieces/ box	Weight Kg	Volume m³
• Puritron GSCN-101, pH Control	**0642532**	1		
• Puritron GSCN-151, pH Control	**0642432**	1		
• Puritron GSCN-201, pH Control	**0642632**	1		
• Puritron GSCN-301, pH Control	**0642732**	1		
• Puritron GSCN-501, pH Control	**0642932**	1		

pH Control Panel

Supplied as a complete system, including an integrated pH control Membrane-type dosing unit with preferred capacity, pH sensor, sensor holder, calibration solutions, all pre-assembled and mounted on a panel.



Description	Code	Pieces/ box
• Puritron GSCN-101, pH Control Panel	**064153**	1
• Puritron GSCN-151, pH Control Panel	**064143**	1
• Puritron GSCN-201, pH Control Panel	**064163**	1
• Puritron GSCN-301, pH Control Panel	**064173**	1
• Puritron GSCN-501, pH Control Panel	**064193**	1

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Puritron GSCN Salt-Water Chlorinators





Sensor holder

pH & Redox Control

In addition to Salt Chlorinator specifications, the required software are added to enable automatic pH and ORP control. The new compact design allows a monobloc peristaltic pH dosing pump embedded to chlorinator unit. Complete with sensor holder pH and ORP sensor and required pipe fittings. 4 X 20 LCD screen, water tempeture measurement options. Please ask price for larger capacity dosing pumps. (0642932 model is produced with 3lt/h - 1bar pump)

Ürün	Kod	Stand. Paket	Ağırlık Kg	Hacim m^3
• Puritron GSCN-102, pH & Redox Control	**064254**	1		
• Puritron GSCN-152, pH & Redox Control	**064244**	1		
• Puritron GSCN-202, pH & Redox Control	**064264**	1		
• Puritron GSCN-302, pH & Redox Control	**064274**	1		
• Puritron GSCN-502, pH & Redox Control	**064294**	1		



pH & Redox Control Panel

Complete with integrated pH and ORP dosing unit with preferred dosing pump, pH sensor, sensor holder, calibration solutions. Mounted on the panel.

Description	Code	Pieces/ box
• Puritron GSCN-102, pH & Redox Control Panel	**064154**	1
• Puritron GSCN-152, pH & Redox Control Panel	**064144**	1
• Puritron GSCN-202, pH & Redox Control Panel	**064164**	1
• Puritron GSCN-302, pH & Redox Control Panel	**064174**	1
• Puritron GSCN-502, pH & Redox Control Panel	**064194**	1



For electrode 50g/h models



For electrode 10-15-20-30 gr/h models

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Puritron On-Line Salt-Water Chlorinators

"On-Line" devices with a monobloc body that produce chlorine from salt using electrolysis, providing salt concentration in the pool water at the same rate as tear salinity. The device has self-clean feature in order to clean electrode against calcification at periodic intervals. Digital screen; temperature value of water; LED display screen shows the working percentage rate. Automatic polarity changing of the electrodes for cleaning purposes which can be adjusted between 1-8 hours according to the hardness level of the water. The factory setting is every 6 hours. During operation, the flow cell is illuminated by colored LEDs. LEDs change color during polarity change. In the event of an alarm, the red-light flashes. The device records the total working hours in its memory.
Electrodes are made of titanium and have an average life of 8,000 hours. It can be easily installed in any existing pool. The device can be mounted on the right or left side, depending on preference. All models can also be used with seawater. Recommended min. salinity rate is 4,000 ppm (=4 kg/m³). The salinity rate in sea waters is 35.000 ppm on average.

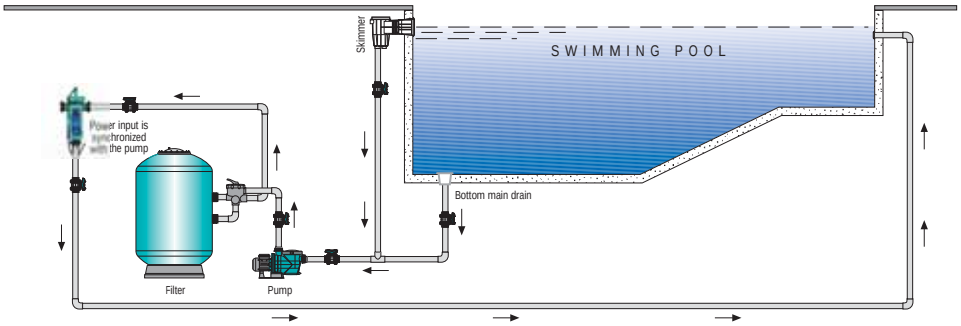


Product Video

Description	Code	Pieces/ box	Weight Kg	Volume m³
• Puritron GSCOL-10	**0642500L**	1	5,650	0,035
• Puritron GSCOL-15	**0642550L**	1	5,650	0,035
• Puritron GSCOL-20	**0642600L**	1	5,650	0,035
• Puritron GSCOL-30	**0642700L**	1	5,650	0,035

Model	Pool Volume (m^3)	Cl Prod. (g/h)	Salt (kg/m^3)	Voltage (VAC)	Voltage (VDC)	Current DC (A)	Energy Consumption (W)
Puritron GSC, GSCOL-10	0 - 50	10	4,0	220	24	2,0	50
Puritron GSC, GSCOL-15	15 - 75	15	4,0	220	24	3,0	75
Puritron GSC, GSCOL-20	40 - 100	20	4,0	220	24	4,0	100
Puritron GSC, GSCOL-30	90 - 150	30	4,0	220	24	6,0	150

INSTALLATION DIAGRAM:



Salt for Salt-Chlorine Generators

Description	Code	Pieces/ box	Weight Kg	Volume m³
• Granule Salt, 25 kg	**02317**	1		
• Tablet Salt, 25 kg	**02318**	1		



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Puritron Compact On-Line Salt Chlorinators





Compact Next-Generation Salt Electrolysis System

Compact Monobloc Body: Streamlined single-body design engineered for fast, simple installation in new or existing filtration setups.

Optimized Capacity Range: Offers versatile models providing up to 20 g/h chlorine production, ideal for standard residential and commercial pools.

Tear-Level Salinity: Operates efficiently at low salt concentrations equivalent to natural human tears (~4,000 ppm).

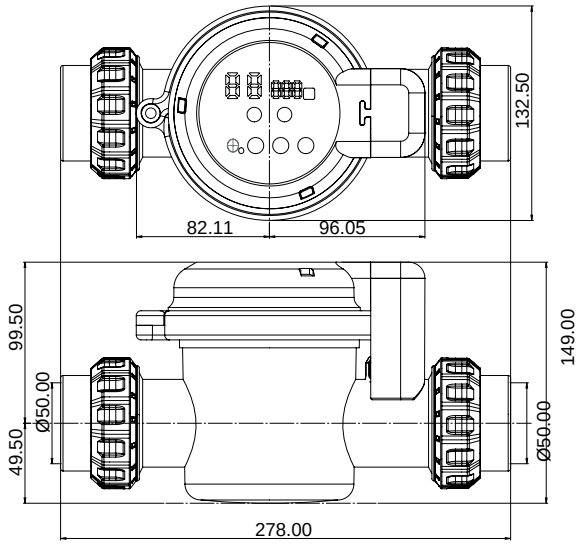
Titanium Electrodes: High-durability titanium plates providing an extended lifespan of up to 8,000 operating hours.

Smart Auto-Cleaning: Adjustable automatic reverse polarity (1–8 hours based on water hardness) prevents scale and calcification.

Interactive LED & Digital Display: Displays real-time water temperature and working percentage, featuring dynamic color-changing LED cell illumination and visual alarm alerts.

Seawater Compatible & Flexible Mount: Suitable for both freshwater and seawater applications with reversible left/right mounting options.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Puritron Compact On-Line 2 gr	**064410**	1		
• Puritron Compact On-Line 4 gr	**064411**	1		
• Puritron Compact On-Line 6 gr	**064412**	1		
• Puritron Compact On-Line 8 gr	**064413**	1		
• Puritron Compact On-Line 10 gr	**064414**	1		
• Puritron Compact On-Line 15 gr	**064415**	1		
• Puritron Compact On-Line 20 gr	**064416**	1		
• Puritron Compact On-Line 25 gr	**064417**	1		



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Puritron Salt-Water Chlorinators

Designed for midsize hotel and apartment complex pools. The device produces chlorine by electrolysis of pool water with salinity of teardrop. It has a standart cleaning cycle process against calcification. **Electrodes are made of titanium and have a 8.000 hours long life.** Corrosion resist stainless steel body. Electrods cell made of methacrylate and transparent. It has a LCD screen. Device is switched mode. All models can be used with seawater.

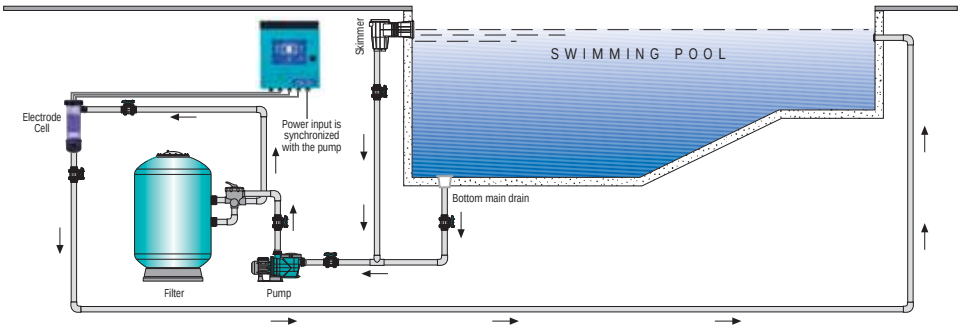


Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Puritron GSC - 75	**06435**	1	15,000	
• Puritron GSC - 100	**06436**	1	20,000	
• Puritron GSC - 150	**06437**	1	25,000	

Model	Pool Volume (m^3)	Chlorine Production (g/h)	Voltage (VAC)	Voltage (VDC)	Current (A)	Power Consumption (W)	PVC Pipe (mm)	Weight (kg)	Device Dimensions (mm)	Cell Measurements (mm)
GSC75	200 - 250	75	220	24 max.	100	350	63	15	300x250x150	140 x 531
GSC100	250 - 300	100	220	24 max.	150	500	90	20	300x250x150	140 x 531
GSC150	300 - 350	150	220	24 max.	200	670	90	25	300x250x150	140 x 531

Note: The above pool capacities have been calculated with the principle that the pool operates for 12-14 hours per day.

INSTALLATION DIAGRAM:





Salt - Water Chlorinator Capacity Measurement:

A- Daily Chlorine Requirement:

1- Loss From Swimmers: The number of swimmers should be determined or estimated. This number should be considered according to busiest day. Daily lost per swimmer in meditarranean Region is 10 gr/day.

2- Loss From Sun Light (The Destructive effects of UV light on chlorine): This lost is on average 2,5 gr per each pool m^3 in meditarranean belt.

Daily Chlorine Requirement (gr)= The Number of Swimmers x 10 gr + Pool Volume (m^3) x 2,5 gr
For example: The Pool that 250 swimmer's daily use and 1000 m^3 pool volume.
Daily Chlorine Requirement = 250 x 10 gr + 1000 m^3 x 2,5 gr/m^3 = 5000 gr

With 12 hours filtration = 5000 gr/12h = 416 gr/h ▶ GSC 500
With 24 hours filtration = 5000 gr/24h = 200 gr/h ▶ GSC 250

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Puritron-GSC
Salt - Water Chlorinators

Designed for large public and competition pools. The device produces chlorine by electrolysis of pool water with salinity of teardrop. It has a standart cleaning cycle process against calcification. **Electrods are made of titanium and have 8.000 hours long life.** Corrosion resistant stainless steel frame. Transparent electrode cells made of PVC. It has a graphical LCD screen. Device is switched mode. All models can be used with seawater.In addition to all above specifications, this device has electronic current control as well as heat and flow control.

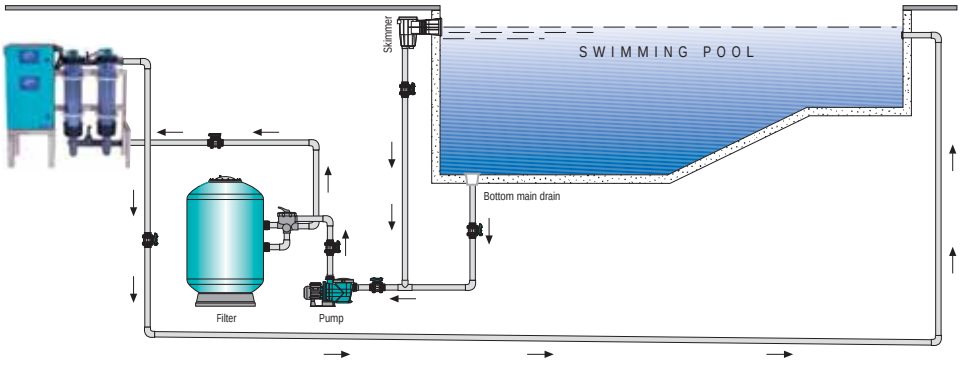
Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Puritron GSC - 250	**06438**	1	40,000	
• Puritron GSC - 500	**06439**	1	60,000	
• Puritron GSC - 750	**06440**	1	80,000	
• Puritron GSC - 1000	**06446**	1	100,000	

Model	Chlorine Production (g/h) (5kg/m^3 salt)	Voltage (VAC)	Voltage (VDC)	Current (A)	Power Consumption (W)	PVC Pipe (mm)	Cell Measurements (mm)
GSC250	250	220	24 max.	50	1.350	63	750 x 450 x 900
GSC500	500	220	24 max.	100	2.540	63	1000 x 450 x 900
GSC750	750	220	24 max.	150	3.900	90	1250 x 450 x 900
GSC1000	1000	220	24 max.	200	5.000	90	1500 x 450 x 900



Electrode cells made of transparent PVC tube

INSTALLATION DIAGRAM:





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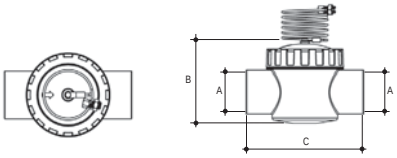
Salt-Water Chlorinators - Anodic Protection

In pools using salt-chlorine generators, installation of this device is used to prevent electrolytic corrosion of stainless-steel materials. The electric connection is made to the pump's control panel ground/earth point.



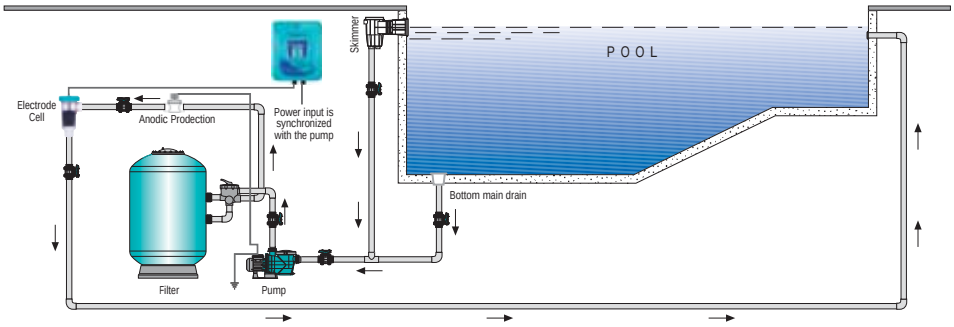
- Easy to install.
- Provides "Electric Shock" protection in fiberglass pools.
- Maximum 4 bars - 63 body
- Transparent cover for anode control
- Pure zinc, its average life is 3 years

Description	Code	Pieces/ box	Weight Kg	Volume m^3
Ø 63 Anodic Protection	**06423**	1		



TYPE	DIMENSIONS			
	CONECTION	A	B	C
GDF50-1E	63 mm	Ø63	129	190

INSTALLATION DIAGRAM:



Salt-Water Chlorinators - Electrode Cleaning

"SCALEX" Anti-Lime for Salt Chlorine Generators. One of the common problems in pools using a salt-chlorine generator is calcification on the electrode. This problem is often encountered especially in pools using hard water or sea water. In such cases, regular use of SCALEX provides a definitive solution.
Initial dose: 2,5 l/100 m^3 pool water.
This dose should be doubled in pools using hard water.
Consecutive use dose 2,5 l/6 months.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 5 l	**075327**	1	5,000	0,001
• 10 l	**075328**	1	10,000	0,007
• 20 l	**075329**	1	20,000	0,028

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Salt-Water Chlorinators - Spare Parts



Old Electrode



Nut for Old Electrode



New Electrode



Nut for New Electrode

Description	Code	Pieces/ box
GSC10 Bipolar Electrode **(Old)**	06430YE01	1
GSC15 Electrode Cell-Yellow Solid Electrode Connection **(Old)**	06428YE01	1
GSC20 Bipolar Electrode **(Old)**	06425YE01	1
GSC30 Bipolar Electrode **(Old)**	06426YE01	1
GSC Electrode Housing Nut **(Old)**	0643103	1
GSC Electrode Oring **(Old)**	0643105	1
GSC Electrode Connection Cable **(Old)**	0643113	1
GSC10 Bipolar Electrode (with Pin) **(New)**	06430YE	1
GSC15 Electrode Cell-Yellow (with Pin) Electrode Connection **(New)**	06428YE	1
GSC20 Bipolar Electrode (with Pin) **(New)**	06425YE	1
GSC30 Bipolar Electrode (with Pin) **(New)**	06426YE	1
GSC Electrode Housing Nut **(New)**	0643117	1
GSC Electrode Oring **(New)**	860488	1
GSC Electrode Connection Cable **(New)**	0643104	1
GSC 10-20-30 Electrode Housing	0643102	1
GSC 230 VAC Cable	EB71549	1
GSC 50 Electrode	0643401	1
GSC 75 Electrode	0643501	1
GSC 100 Electrode	0643601	1
GSC 150 Electrode	0643701	1
GSC 250-500 Electrode	0643801	1
GSC 50-100 Electrode Housing	0643402	1
GSC 75-150 Electrode Housing	0643403	1

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Salt-Water Chlorinators - Spare Parts

Description	Code	Pieces/ box
Bipolar Electrode For GSC 10 (Push-fit Type)	06420GE	1
Bipolar Electrode For GSC 15 (Push-fit Type)	06421GE	1
Bipolar Electrode For GSC 20 (Push-fit Type)	06422GE	1
Bipolar Electrode For GSC 25 (Push-fit Type)	06423GE	1
Bipolar Electrode For GSC 30 (Push-fit Type)	06424GE	1
Bipolar Electrode For GSC 50 (Push-fit Type)	06426GE	1







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Ultraviolet UV-C Disinfection Systems



06NTUV40T

Ultraviolet disinfection systems work with the principle of lethal effects of 220-280 nm wave length ultraviolet lights on living organisms. This wave-length ultraviolet lights require a certain contact time to kill microorganisms by destroying their cell walls.The UV devices are designed to provide this contact time according to the given flow rate.
UV radiation is considered in 4 spectrum: UV-A, UV-B, UV-C and vacuum UV. UV-C spectrum is used for water disinfection with the wave length as specified above.

Advantages of UV-C System :

- Reduces Chlorine and chemical consumption by 50% - 80%.
- Effective for all microorganisms.
- Eliminates all the side effects caused by chlorine (skin irritation, eye burn, allergy, asthma and similar side effects)
- Destroys all bound chlorine compounds (=chloramines) and other harmful organic compounds.
- Reduces all chemical usage and leaves no harmful waste in water.
- Low operating cost, and eco-friendly technology.

Devices below are designed for private pools.
All models are 316L quality stainless steel body and enables +35% radiation efficiency. Devices are complete with **timers** that shows bulb operating life. Device gives warning when bulb completes their lifespan. Also, there is a **flow switch (circuit breaker)** at the outlet of 130 watt device that disables the bulb when pool circulation stops. The **AMALGAM** bulb that provides the most effective UV-C radiation is used in this model. Max. operating pressure is 2 bar. Bulb lifespan is 9.000 hours.



06NTUV130TF

Description	Code	Pieces/ box
• Pool UV-C 40 Device with Timer up to 40 m³	**06NTUV40T**	1
• Pool UV-C 75 Device, with Timer up to 75 m³	**06NTUV75T**	1
• Pool UV-C 130 Device, with Timer, Flow Switch up to 150 m³	**06NTUV130TF**	1

Technic Specifications	NT-UV40-T	NT-UV75-T	NT-UV130-TF
Pool Volume (m^3)	40	75	150
Max. Flow Rate (m^3/h)	20	25	30
Max. Working Pressure (bar)	3	3	3
Diameter (mm)	72	72	72
Length (cm)	60	100	100
Outlet Diameter (mm)	63-50	63-50	63-50
Stainless Steel	316L	316L	316L
Electronic Ballast	120-240V AC 50/60Hz	120-240V AC 50/60Hz	120-240V AC 50/60Hz
Max. Current (Amp)	0,27	0,5	1,1
Bulb Power (W)	40	75	130
Wave Length (nm)	253,7	253,7	253,7
Timer	Available	Available	Available
Bulb Change Warning	Available	Available	Available
Flow Switch	-	-	Available
Chemical Usage Decrease	80%	80%	80%
Weigh (Kg)	4	5	5,5
Package Size (mm)	260 x 110 x 550	280 x 150 x 1010	280 x 150 x 1010

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Oxygen Cone

It can be used effectively in all application areas where oxygen need is critical (waste water treatment plants, dam lakes where water is supplied, rivers, lakes and ponds open to eutrophication and pollution in recreational areas, fish farming farms, which have a critical place in the food chain, etc.). It is a specially designed unit that can maximize the oxygenation level (super oxygenation) in the said environments at very high rates compared to its equivalents.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø900 mm Oxygen Cone Max Op. Pressure 2 bar	**064400**	1		
• Ø1000 mm Oxygen Cone Max Op. Pressure 2 bar	**064401**	1		
• Ø1200 mm Oxygen Cone Max Op. Pressure 2 bar	**064402**	1		
• Ø1400 mm Oxygen Cone Max Op. Pressure 2 bar	**064403**	1		
• Ø1600 mm Oxygen Cone Max Op. Pressure 2 bar	**064404**	1		

Ozone Injectors

Ozone Injectors. The ozone generated is vacuumed and introduced to the system by injectors. Operates with free air suction. It is made of PVDF materials and resistant to all kinds of chemicals.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Venture-3/4"-1/4", center 1-3 m^3/h	**06441**	1		
• Venture-1"-1/2", center 3-10 m^3/h	**06442**	1		
• Venture-1 1/4"-1/2", center 10-25 m^3/h	**06443**	1		
• Venture-2"-1/4", center 30-50 m^3/h	**06444**	1		

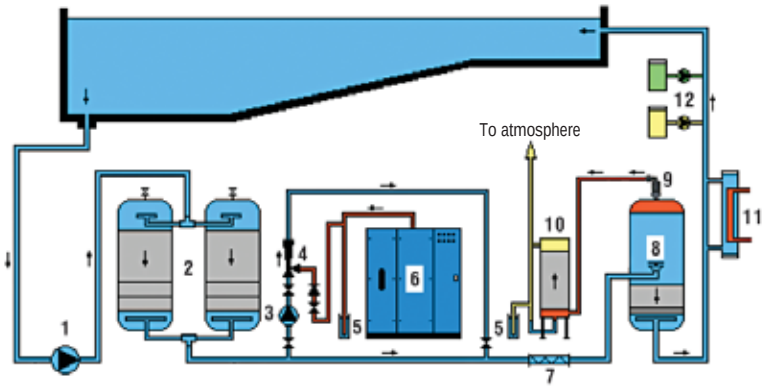
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Ozone Generators - CORONA DISCHARGE

Ozone Capacity (g/h)	Pool Flow Rate (m³/h)		Recommended Pool Volume (m³)		Contact + Deozonization Tank Diameter Ø (mm) - h (mm)
	Partial Flow	Full Flow	Partial Flow	Full Flow	
15	75	15	375	75	Ø 615 - 1550
25	150	25	750	150	Ø 1250 - 2500
40	200	40	1000	200	Ø 1400 - 2500
50	250	50	1250	250	Ø 1400 - 2500
			(Average Circ Time: 5 Hrs.)		

PS: Above values must increase 10% for indoor pools.

Full flow ozone system: with contact and deozonization tank



1- Pool Circulation Pump
2- Sand Filters
3- Jet Pump
4- Ozone Injector
5- Water Trap
6- Ozone Generator
7- Static Mixer
8- Contact + Active Carbon Tank
9- Automatic Discharge Pump
10- Discharge Ozone Filter
11- Pool Heater
12- Pool Disinfection System

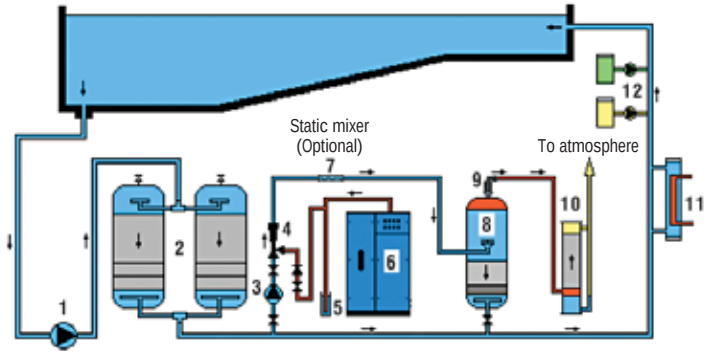


WATER TRAP
(Pls. see 186)

OZONE DOSAGE:	
UP to 32°C:	0,8 g/m³ per system flow (For middle busy pool) 1,0 g/m³ per system flow (For busy pool)
Above 32°C:	1,2 g/m³ per system flow (For middle busy pool) 1,5 g/m³ per system flow (For busy pool)
Ozone Contact Time:	2 min.
Active Carbon Dept:	Min. 500 mm

Partial flow ozone system: with contact and deozonization tank

Partial Flowrate:	20% of Total Flowrate



1- Pool Circulation Pump
2- Sand Filters
3- Jet Pump
4- Ozone Injector
5- Water Trap
6- Ozone Generator
7- Static Mixer
8- Contact + Active Carbon Tank
9- Automatic Discharge Pump
10- Discharge Ozone Filter
11- Pool Heater
12- Pool Disinfection System



STATIC MIXER
(Pls. see 186)

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Ozone Generators with UV Method

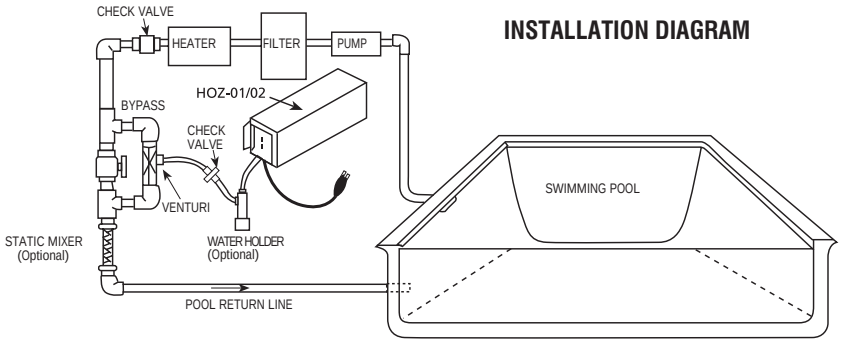
GEMAS HYDROZONE OZONE GENERATOR (With UV Method).
The ozone generated is vacuumed and introduced to the system by venturi. Complete with venturi + by-pass valve. Can be easily installed in existing swimming pools. Recommended for residential pools.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• HOZ-01, up to 90 m^3 - 0,248 g/h	**06411**	1	13,000	0,051
• HOZ-02, up to 150 m^3 - 0,437 g/h	**06412**	1	14,000	0,051



INSTALLATION DIAGRAM



UV-Ozone Spare Bulb For GEMAS HYDROZONE Ozone Generator.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	064101	1	0,616	0,003



Water Trap for Ozone Generator. Prevents back flow of water to the device when the system is shut down.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	064102	1		
	064103	1		


064102


064103

Static Mixer. Provides evenly diffusion of ozone in water flow.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 1,5"	**0641031**	1		
• 2"	**0641032**	1		
• 2,5"	**0641033**	1		
• 3"	**0641034**	1		


0641031

GEMAS CORONA Ozone Discharge Valve. Ozone resistant.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
0,5, 316 Inox Floater	**0641041**	1	0,616	0,003



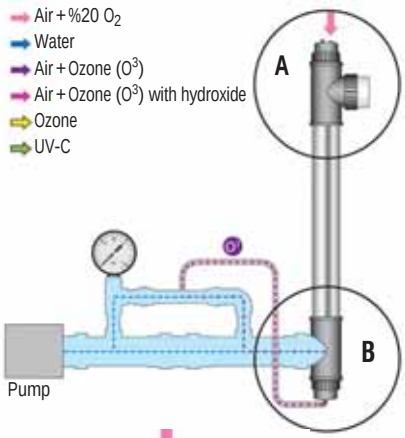
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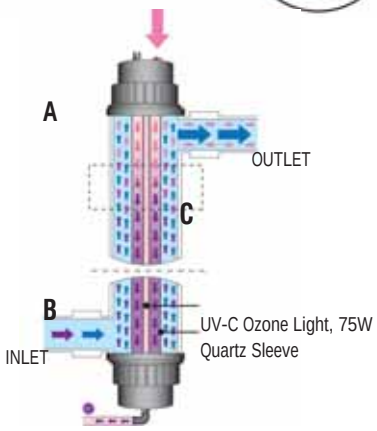
Ozone + Ultraviolet Combined Disinfection Systems

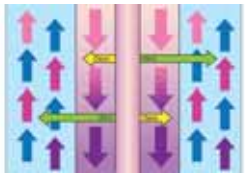


With the Ozone + UV Device; ozone generated inside special wave length UV bulb is vacuumed and introduced to the system by injector and transferred into pool circulation. On the other hand, it can execute the disinfection process by direct radiation to pool water from the same ozone bulb's quarts housing. Devices is complete with the bypass valve and injector. It can easily be installed into existing pool installations. Device body is 316L stainless steel.
It has timer, and gives signal when bulb's lifespan is over. Bulb power is 75 Watt, radiation power is 25 Watt, and Ozone output is 0,6 g/h.
The recommended pool capacity by the manufacturer is 75 m³. It can reduce the chlorine usage up to 90%. Ozone helps destroying sun cream, cosmetics, urine, and sweat in the water. After these process UV-C exposed pool water eliminates the residual ozone through disinfection.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
Ozon + UV-C Device (Gemas OEM)	**06NTUV87TO**	1	7,700	







Technic Specifications	NT-UV87-TO
Pool Volume (m^3)	90
Max. Flow Rate (m^3/h)	25
Max. Working Pressure (bar)	3
Diameter (mm)	72
Length (cm)	100
Outlet Diameter (mm)	63
Stainless Steel	316L
Electronic Ballast	120-240V AC 50/60Hz
Max. Current (Amp)	0,60
Bulb Power (W)	87
Wave Length (nm)	253,7
Bulb Voltage (V)	97
Bulb Current (Amp)	0,90
UV-C 100 h outlet (W)	25
$\mu W/cm^2$ 1 meter distance	144
Bulb Type	Ozone lamp 87 W
Ozone	Exist - 0,6 gr/h
Setting Time	Exist
Bulb Change Warning	Exist
Chemical Usage Decrease	95%
Weigh (Kg)	7,7
Package Size (mm)	370 x 130 x 1110

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Floating - Solar Copper Ionization System

Solar Clear, Copper + Zinc Alloyed Ionization System.
Works with solar battery. Max pool volume120 m³. Decreases the chlorine or equivalents oxidation disinfection requirement aproximately 80%. It can be used with UV and/or Dechloramin for Chlorine-Free applications in residential pools.
It should not be used in liner/membrane pools due to Coppers dispersing agent impact on synthetic materials. It's not obliged to use flocculant or algecide, because Copper having positive effect on algea and flocculation. On the high degrees of water hardness, the product will act as a softening agent as it collects lime on its anode. But the anode must be cleaned periodically with wire brush inside the package.
Complete with wire brush and strip copper test device. Ideal copper concentration is 0,5 ppm. Permanently use necessary on above 70 m³ pool but it can be used halftime on smaller pools. Min. Copper concentration must be 0,3 ppm. Electrode lifetime can be change by use aproximately 12 to 24 months.



Description	Code	Pieces/ box	Weight Kg	Volume m³
Solar Clear	**0601**	1		

Solar Copper Ionization System Spares

Description	Code	Pieces/ box	Weight Kg	Volume m³
• Anode	**0601Y01**	1		
• Filter	**0601Y02**	1		
• Screw	**0601Y03**	1		
• Stripe Copper Test Kit	**0834**	1		
• Wire Brush	**0601Y04**	1		



0601Y01



0601Y02



0601Y02

Dechloramin use recommended with SOLAR CLEAR

"DECHLORAMIN". Granulated active oxygen compound for chloramine destruction. After shocking, the pool can be used by bathers within a very short time. Alternative to the required small amount of chlorine in ozone pools.

Description	Code	Pieces/ box	Weight Kg	Volume m³
• 1 kg	**07611**	1	1,000	0,002
• 5 kg	**07612**	1	5,000	0,009
• 25 kg	**07613**	1	10,000	0,023



07613

DECHLORAMIN	Non-chlorine Shock Treatment Agent	For Clarifying Pool Water	100 gr/week to 10 m³ pool water (Residential pool) 150 gr/week to 10 m³ pool water (Public pool)

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07 Pool Chemicals

08 Test Kits 201

Water Disinfection



"FASTCHLOR" Stabilized Dichlorine Granular, 56%.
Quick dissolving stabilized granular dichlorine with 56% or 60% chlorine content.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 5 kg	**071111**	1	5,000	0,006
• 10 kg	**071112**	1	10,000	0,012
• 15 kg	**071113**	1	15,000	0,017
• 25 kg	**071116**	1	25,000	0,033
• 30 kg	**071114**	1	30,000	0,033
• 50 kg	**071115**	1	50,000	0,057



"FASTCHLOR 100" Stabilized Trichlorine Granular, 90%.
Slow dissolving stabilized granular trichlorine with 90% chlorine content.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 5 kg	**071131**	1	5,000	0,006
• 10 kg	**071132**	1	10,000	0,012
• 15 kg	**071133**	1	15,000	0,017
• 25 kg	**071136**	1	25,000	0,033
• 30 kg	**071134**	1	30,000	0,033
• 50 kg	**071135**	1	50,000	0,057



"TABCHLOR" Stabilized Trichlorine Tablet, 200 gr 90%.
Slow dissolving stabilized trichlorine with 90% chlorine content in 200 gr tablet form.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 5 kg	**0712311**	1	5,000	0,006
• 10 kg	**0712312**	1	10,000	0,012
• 15 kg	**0712313**	1	15,000	0,017
• 20 kg	**0712314**	1	20,000	0,022
• 50 kg	**0712315**	1	50,000	0,057



"TABCHLOR-Multi" Stabilized Trichlorine Tablet, 200 gr.
Slow dissolving stabilized Trichlorine. Algecide and flocculant.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 5 kg	**0714241**	1	5,000	0,006
• 10 kg	**0714244**	1	10,000	0,012
• 15 kg	**0714242**	1	15,000	0,017
• 20 kg	**0714246**	1	25,000	0,022
• 50 kg	**0714243**	1	50,000	0,057

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Water Disinfection and Chlorine Stabilizer

"CALCIUM HYPOCHLORITE" 70%

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 40 kg Granular	**071125**	1	40,000	0,044
• 40 kg Tablet	**071226**	1	40,000	0,044



CHLORSTAB isocyanuric acid - chlorine stabilizer.
It can be used with FASTCHLOR L, Calcium Hypochloride and Salt-Water Chlorinators. Reduces chlorine consumption by 10%.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 5 kg	**075391**	1	5,000	0,008
• 10 kg	**075392**	1	10,000	0,017
• 20 kg	**075393**	1	20,000	0,023
• 50 kg	**075395**	1	50,000	0,057



CHLORSTAB	Isocyanuric acid	Chlorine Stabilizer	5 kg first dose for 100 m^3 pool water Following doses according to test results max. 100 ppm

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Non-Chlorine Shock Treatment



"DECHLORAMIN".
Granulated active oxygen compound for chloramine destruction. After shocking, the pool can be used by bathers within a very short time. Alternative to the required small amount of chlorine in ozone pools.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 5 kg	**07612**	1	5,000	0,006
• 10 kg	**07617**	1	10,000	0,011
• 25 kg	**07613**	1	25,000	0,027



"OXYTRONE"
Granulated active oxygen compound for chloramine destruction. After shocking, the pool can be used by bathers within a very short time. Alternative to the required small amount of chlorine in ozone pools.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 5 kg	**071151**	1	5,000	0,006
• 10 kg	**071152**	1	10,000	0,011
• 25 kg	**071153**	1	25,000	0,027



"CHLORINE-OUT"
Reset the Total Chlorine of pool water in pools with high Combined Chlorine problems or pools with high chlorine. To reduce the Total Chlorine of 100 m^3 pool water by 1 ppm, dissolve 300 gr of Chlorine-Out in water and add to the pool water.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 5 kg	**071144**	1	5,000	0,006
• 10 kg	**071145**	1	10,000	0,011
• 25 kg	**071146**	1	25,000	0,027

pH Regulators



"pH (-) DOWN".
Granular acid to reduce and stabilize pH level.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 7 kg	**072111**	1	7,000	0,006
• 15 kg	**072112**	1	15,000	0,017
• 25 kg	**072113**	1	25,000	0,023
• 50 kg	**072114**		50,000	0,043



"pH (-) DOWN L".
Granular acid to reduce and stabilize pH level.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 10 l / 12 kg	**072121**	1	12,000	0,012
• 20 l / 25 kg	**072123**	1	25,000	0,028
• 25 l / 30 kg	**072124**	1	30,000	0,044
• 30 l / 36 kg	**072122**	1	36,000	0,044

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pH Regulators

“pH (-) DOWN HCl” Liquid pH reducer and limescale remover. (30% Hydrochloric acid)

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 10 l	**072126**	1	10,000	0,014
• 25 l	**072125**	1	25,000	0,028
• 30 l	**072129**	1	30,000	0,044
• 35 l	**072128**	1	35,000	0,044



“pH (+) UP”.
Alkaline in powder form to increase and stabilize pH level.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 4 kg	**072211**	1	4,000	0,006
• 10 kg	**072212**	1	10,000	0,012
• 25 kg	**072218**	1	25,000	0,022



Algicides

“ALGEX”.
Liquid Algicide and bactericide for destruction of algae.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 5 l	**073111**	1	5,000	0,007
• 10 l	**073112**	1	10,000	0,014
• 20 l	**073114**	1	20,000	0,028
• 30 l	**073113**	1	30,000	0,044



“ALGEX PROTECTOR”.
Liquid Algicide and bactericide against algae growth.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 5 l	**073311**	1	5,000	0,007
• 10 l	**073312**	1	10,000	0,014
• 20 l	**073314**	1	20,000	0,028
• 30 l	**073313**	1	30,000	0,044



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Algicides

A BRAND NEW KIND OF ALGICIDE



“STARVEX” Anti Phosphate.
Starvex is an ECO-firendly chemical which destroys algea chain by binding and destructing the phosphate in the water. It does not cause turbidity in pool water. It can be used with all pool chemicals. **DOSING RATES ARE VERY LOW.**

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 5 l	**075381**	1	5,000	0,007
• 10 l	**075382**	1	10,000	0,014
• 20 l	**075383**	1	20,000	0,028
• 30 l	**075384**	1	30,000	0,044

For Phosphate Test Kit, Please see Test Kits Section.

STARVEX	Liquid	Algicide	1 l dose for 50 m^3 pool water. 0,5 l dose in following weeks.

Flocculant



“PUREFLOCK L”. Highly Effective Liquid Flocculant.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 5 l	**07411**	1	5,000	0,007
• 10 l	**07422**	1	10,000	0,014
• 20 l	**07424**	1	20,000	0,028
• 30 l	**07423**	1	30,000	0,044



“PUREFLOCK C”.
Cartridges Flocculant for continuous clarifying treatment.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
Box containes 8 cartridges	**07421**	1	1,280	0,003



“MULTIFLOCK C”.
Cartridges Flocculant and algicide for continuous clarifying treatment.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
Box containes 8 cartridges	**07430**	1	1,280	0,003



07425 07427

“CLEARFLOCK GEL” Gel Flocculant.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Box containes 4 gel cartridges	**07425**	1	0,30	
• Box containes 1 gel cartridges	**07427**	1	0,65	

•



“ACTIVE FLOCK” Liquid.
“ACTIVE FLOCK” Liquid. Floating partides in the pool water are catched by the sand filter. No sediments on the pool bottom.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 5 l	**074241**	1	5,000	0,007
• 10 l	**074242**	1	10,000	0,014
• 20 l	**074243**	1	20,000	0,028
• 30 l	**074244**	1	30,000	0,044

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Flocculant

"MIRACLEAR" Super Shock Clarifier.
It enables the suspended particles in the pool water to be held inside the filter. Miraclear does not make sediment on the floor of the pool. Single dose in every 3 or 4 week is enough. It's a fast and an effective solution to cloudy pools.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 5 l	**075371**	1	5,000	0,007
• 10 l	**075372**	1	10,000	0,014
• 20 l	**075373**	1	20,000	0,028
• 30 l	**075374**	1	30,000	0,044



Filter and Cell Care

"CALCEX FILTER".
Descaling and cleansing agent for periodical maintenance of sand filters.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 1 kg	**07521**	1	1,000	0,001
• 4 kg	**07522**	1	4,000	0,006
• 10 kg	**07523**	1	10,000	0,012



07522

Prevention of Lime Sedimentation in Hard Pool Waters

"CALSTAB".
Stabilizes hardness prevents scaling on pool surfaces.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 5 l	**07551**	1	5,000	0,007
• 10 l	**07552**	1	10,000	0,014
• 20 l	**07556**	1	20,000	0,028
• 30 l	**07553**	1	30,000	0,044



Electrode Cleaning for Salt-Chlorine Generators

"SCALEX" Anti-Lime for Salt-Chlorine Generators / CALCEX CELL
Initial dose: 2,5 l/100 m^3 pool water. This figure should be doubled in pools using hard water. Consecutive use dose: 2.5 l/6 months.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 5 kg	**075327**	1	5,000	0,007
• 10 kg	**075328**	1	10,000	0,014
• 20 kg	**075329**	1	20,000	0,028
• 5 l	**075319**	1	5,000	
• 10 l	**075320**	1	10,000	



075320

Foot and Surface Disinfection

"FUNGEX". Fungicidal disinfectant.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 10 l	**07541**	1	10,000	0,014
• 30 l	**07542**	1	30,000	0,044



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Pool Surface Cleaning



"SCALEX POOL" Limescale Removal - effective when the pool is "FULL"

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 5 kg	**075323**	1	5,000	0,001
• 10 kg	**075324**	1	10,000	0,007
• 20 kg	**075325**	1	20,000	0,028



"CALCEX POOL".
Descaling cleaner to eliminate calcium deposits on the pool basin. When pool is empty.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 1 l	**075311**	1	1,000	0,001
• 5 l	**075312**	1	5,000	0,007
• 10 l	**075313**	1	10,000	0,012
• 20 l	**075315**	1	20,000	0,028
• 30 l	**075314**	1	30,000	0,044



"SOOT-OFF".
Cleaner for removing grease and dirts at the water rim.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 1 l	**075321**	1	1,000	0,001
• 5 l	**075322**	1	5,000	0,007
• 10 l	**075333**	1	10,000	0,014
• 20 l	**075334**	1	20,000	0,028



"CLEAN GROUTING" Grouting cleaner.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 1 l	**075341**	1	1,000	0,001
• 5 l	**075342**	1	5,000	0,007



"MORTAR-OFF" Mortar cleaner.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 1 l	**075351**	1	1,000	0,001
• 5 l	**075352**	1	5,000	0,007

Winter Care



"POOLWIC".
For Winter Care against algae growth and calcium deposits.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 5 l	**07511**	1	5,000	0,007
• 10 l	**07512**	1	10,000	0,014
• 20 l	**07514**	1	20,000	0,028
• 30 l	**07513**	1	30,000	0,044

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GEMAS POOL CHEMICALS DOSING INSTRUCTIONS

PRODUCT	DESCRIPTION	FUNCTION	DOSAGE
FASTCHLOR	Stabilized Granular Dichlorine	Disinfection	0,5 kg/day for 100 m³ pool water (Public pools) 0,5 kg/week for 100 m³ pool water (Residential pools)
		Shocking	0,6-1 kg/15day for 100 m³ pool water (Public pools) 0,6-1 kg/month for 100 m³ pool water (Residential pools)
FASTCHLOR 100	Stabilized Granular Trichlorine	Disinfection	0,35 kg/day for 100 m³ pool water (Public pools) 0,35 kg/week for 100 m³ pool water (Residential pools)
TABCHLOR 200 gr	Stabilized Trichlorine Tablet	Disinfection	1 Tablet for 30 m³ pool water (once 10-12 days)
H.TRICHLOR T 200 gr	Stabilized Trichlorine Tablet	Disinfection	1 Tablet for 30 m³ pool water (once 10-12 days)
CALCIUM HYPOCHLORITE	%70 Granular/Tablet	Disinfection	200 gr/day for 100 m³ pool water
BROMINE	Bromine Tablet	Disinfection	400 gr/day for 30 m³ pool water
FASTCHLOR L	Sodium Hypochlorite %12	Disinfection	2,5-5 liters/day for 100 m³ pool water
CHLORSTAB	Isocyanuric Acid	Chlorine Stabilizer	5 kg first dose for 100 m³ pool water. Following doses according to test results max. 100 ppm
DECHLORAMIN	Non-chlorine Shock Treatment Agent	For clarifying pool water	100 gr/week for 10 m³ pool water (Residential pools)
			150 gr/week for 10 m³ pool water (Public pools)
OXYTRONE	Granular	Oxygen based organic cleaner	1000-1300 gr/week dose per 100 m³ pool water (Residential pools) 1500-1800 gr/week dose per 100 m³ pool water (Public pools)
CHLORINE-OUT	Gralunar	Chlorine and chlorine remover	300 gr dose per 100 m³ pool water to reduce total chlorine by 1 ppm
pH (-) DOWN	Granular	pH Down	1 kg for 100 m³ pool water decreases pH by 0,1 unit
pH (-) DOWN L	Liquid	pH Down	1 liter for 100 m³ pool water decreases pH by 1 unit
pH (-) DOWN HCl	Liquid	pH Reduce and Limescale cleaner	1 l dose per 100 m³ pool water reduces pH by 0,1 and alkalinity by 0,23 ppm
pH (+) UP	Granular	pH Up	1 kg for 100 m³ pool water increases pH by 0,1 unit
ALGEX	Liquid	Algicide	First dosage of 1,5 liters. Weekly dosage of 0,5 liter afterwards (outdoor pool)
			First dosage of 1,5 liters. Weekly dosage of 0,3 liter afterwards (indoor pool)
ALGEX PROTECTOR	Liquid	Algicide	First dosage of 1,5 liters. Weekly dosage of 0,5 liter afterwards (outdoor pool)
STARVEX	Liquid	Algicide	1 l dose for 50 m³ pool water. 0,5 l dose in following weeks.
PUREFLOCK L	Liquid	Flocculant	30-200 ml/day for 100 m³ pool water
CLEARFLOCK GEL	Mold Gel	Gel Flocculant	
PUREFLOCK C	Cartridge	Flocculant	1 cartridge/5-7 days for 60 m³ pool water
MULTIFLOCK C	Cartridge	Flocculant + Anti-Algea	1 cartridge/5-7 days for 60 m³ pool water
ACTIVE FLOCK	Liquid	Polisher	100 m³ pool water 30-200 ml/day
MIRACLEAR	Liquid	Super Shock Clerifier	1 l first dose for 100 m³ pool water. Same dose in following 3-4 week.
CALCEX FILTER	Granular	Anti Calcification	1 kg/15-30 days for each m³ of filter volume
CALSTAB	Liquid	Hardness Stabilization	100-400 ml for 10 m³ pool water.
CALCEX POOL	Liquid	Descaling Cleaner on Surface	Can be diluted at ratio of 1/5 or 1/10. Should be waited maximum 15 minutes.
SCALEX POOL	Liquid	For Cleaning Lime on Pool Surface	2,5-5 l per 100 m³ pool water
SCALEX	Liquid	Anti-Lime for Salt-Chlorine Generators	2,5 l first dose to 100 m³ pool water 375 ml/month or 2,5 l/6 month
SOOT-OFF	Liquid	Grease and dirt remover	Can be diluted at ratio of 1/5 or 1/10.
CLEAN GROUTING	Liquid	Grout cleaning	Can be diluted 1/5 or 1/10. Wait for 2-3 minutes and brush.
MORTAR-OFF	Liquid	Mortar cleaning	Apply on mortar. Brush with heavy duty bristles.
POOLWIC	Liquid	Winter Care Product	3 - 5 liter (According to hardness) to 100 m³ pool Re-dose in 2 months.

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Pool Problems and Solutions



PROBLEM	CAUSE	EFFECT	SOLUTION
Dull looking cloudy water	Low chlorine stabilizer (cyanuric acid) high (>100 ppm)	The first stage of algae growth	Adjust pH with FASTCHLOR L and shock chlorination
On walls, pipes, filters, etc. stone formation	pH high, CaCO3 Solubility exceeded, alkalinity high	Pipes blocked increase in filter pressure	pH should be adjusted continuously
Eye and skin irritation	Unsuitable pH, ineffective chlorine due to chlorination with high amount	Increase in the amount of pollution	Adjust pH with FASTCHLOR and shocking chlorination
Constantly in an eye-catching level chlorine smell	Free chlorine low, due to false shock chlorination stabilizer and bound chlorine, high (>0.2 ppm)	Insufficient disinfection	Free chlorine should be 0.8-2.0 ppm and correct shock chlorination must be done
Foaming in pool water	High-dose algaecide use and organic pollution	Cost increase	Shock chlorination and use fresh water
Non shiny water	Filtration low pH high	Insoluble suspended matter increase by amount	Check the filter, decrease pH
Colorful but clear water	Metal ions are present in the water	Metal oxidation	Adjust pH with FASTCHLOR shocking chlorinate and use CALSTAB ion holder
Bleaching in hair, clothing, vinyl coatings	Chlorine level is too high, free chlorine incorrectly measured	Cost increase due to excessive chlorine consumption	Lower the chlorine level
Colored particles present in the water	Low pH and corrosion	Metal oxidation	Raise pH
Green blurry water, slippery surfaces and algae	Low chlorine level too much stabilizer	Algae growth	Adjust pH, perform shock chlorination
Green or brown algae	Lower free chlorine in water	Inadequate disinfection and algae re-production	Adjust pH with FASTCHLOR shocking chlorine,use antialgae. Brush the surfaces and clean

Water Parameters of Pool Water

(1) It is checked in the pools where chlorine compounds with stabilizers are used for disinfection of water.
(2) Hydrogen peroxide should be within the range of 40-80 when "hydrogen peroxide + biguanide" is used for disinfection of water.In this case it is acceptible that pH 8.2, ammonium 1.5 and total level of alkalinity suitable up to level 220. No free chlorine measurement is done in these pools but hydrogen peroxide and biguanide are measured.
(3) It is checked in the pools where Chlorine and chlorinated compounds are used for water disinfection.
(4) It is the exact required level where Ozone, UV, chlorine dioxide and other disinfection systems are used in the pools for water disinfection.
NOTE: Hydrogen peroxide, biguanide and free chlorine measurements are made on pool site.
Our company reserves the right to make changes in all listed products without notifying the customer.

Annex-1 Chemical Properties

Parameter	Analysis Range	Unit	Limit Values Minimum	Limit Values Maximum
Cyanuric acid (1)	Once a month	mg/l	-	100
Biguanid (2)			2	30
Hydrogen peroxide (2)			40	80
pH (2)			6,5	7,8
Ammonium (2)				0,5
Nitrite				0,5
Nitrate				50
Copper				1
Aluminum				0,2
Total alkalinity (2) ($CaCO_3$)			30	180
Bound chlorine (3)				0,2
Indoor swimming pool water free chlorine (3)			1	1,5
Open swimming pool water free chlorine (3)			1	3
Free chlorine (4)			0,3	0,6

Test Kits with Liquid Reagents

TEST KIT FOR CHLORINE AND pH WITH LIQUID REAGENTS.
Complete with 25 cc OTO and PHENOL RED Liquid reagents.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
	08211	1	0,170	

LIQUID REAGENTS



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• CHLORINE OTO - 25 cc	**082111**	1	0,028	
• PHENOL RED - 25 cc	**082112**	1	0,028	

TOTAL HARDNESS TEST KIT. By titration method.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
	08221	7	1,120	0,006

Test Kits with Tablet Reagents

TEST KIT WITH TABLETS.
For Free Chlorine and pH. Includes 10 pieces of test agents.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
	08111	10	0,160	0,0004

TEST KIT FOR CHLORINE/BROMINE, pH & ALKALINITY



Description	Code	Pieces/ box	Weight Kg	Volume m^3
PT 500	**08131**	1	0,160	0,0004

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Stick Test Kits



AQUACHECK "YELLOW" STICK TEST KITS.
Indicates pH, Free Chlorine, Total Alkalinity and Cyanuric Acid Level. Colormetric based measure system. Includes 50 pieces of test sticks.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
AQUACHECK YELLOW - For 50 Tests	**0831**	1	0,050	0,0008



POOL ID STRIP SALINITY TEST KIT.
It measures salinity between 0 - 8000 ppm. There are 20 pieces of test strips in the box.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
SALINITY TEST KIT	**0835**	1		

Electronic Photometer - Test Strips & Readers





AQUACHECK "TRUTEST" DIGITAL TEST STRIPS & READER.
pH, free chlorine and total alkalinity. After the AQUCHECK TRUTEST test strips are immersed in the pool water, the measurement is made by placing it on the Trutest device. It eliminates the risk of making wrong measurements due to users distinguishing colours incorrectly. It reports on the left of the screen that the measured values are low, ideal or high. Keeps the last 9 measurements in its memory. For bromine measurement, multiply the Chlorine measurement obtained by 2.2. Works with 2 alkaline batteries.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• AQUACHECK TRUTEST	**0841**	1	0,236	0,0018
• AQUACHECK TRUTEST	**08411**	1	0,042	0,0008
• Replacement Test Strips - 50 pcs				

Photometer Test Kits



"POOLLAB"
Photometric test kit. Total / Bound Chlorine, Ph, Alkalinity, Cyanuric Acid, Total Hardness, Active Oxygen, Bromine, Chlordioxide, Ozone, Hydrogen peroxide can be measured. There are reagents for the first four parameters in the kit. Other reagents should be purchased extra on request. It can be connected to a **smartphone** via Bluetooth. When the test results are synchronized, the software and the preloaded chemicals in the application will suggest the required dose. The user can print these results. The poollab, which is an IP68 rated device, can be safely submersed into the body of water to be sampled.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
POOLLAB 5 in 1 kit	**0844**	1		

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Photometer Test Kits

“POOLLAB 2.0”

Poollab 2.0 Photometric Tester. It can measure 24 different parameters. It can measure 3 parameters at the same time with 3 chambers side by side. With IP68 protection, it allows easy sampling by immersing it in the pool water. It automatically synchronizes with Labcom software over the Cloud with Bluetooth and Wi-fi features. Test results are recorded under the account names determined by the user. With the LabCom software, the results can be printed out, the active chlorine in the water or the required chemical doses can be calculated. Complete with tablets for pH, Total Chlorine, Free Cloe, Alkalinity and Cyanuric Acid Tests.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
POOLLAB 2.0	**0845**	1		

“PRIMELAB” Multitest.

Photometric test kit. Options with 5 in 1 kit which measures Total/Combined Chlorine, pH, Alkalinity, Total Hardness and Cyanuric Acid. Pro kit includes parameters Total / Combined Chlorine, Bromine, pH, Alkalinity, Cyanuric Acid, Ammonify, Nitrite, Nitrat, Copper, Aluminium, Hidrogen Peroxide, Biguanide, Color and Turbidity).
Complete with all necessary agents calibration and measurement equipment and carrier case. For spare part agent prices, please see page 201. It can be connected via bluetooth to smartphones, tablets and PCs.
The necessary chemical dosages and comments to the test results are given as suggestions with the help of software or application.





Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Primelab 5 in 1 Kit	**0848**	1		
• Primelab Pro Kit	**0849**	1		
• Parameter Addition	**0843**			

Test Kits With Disc Comparator

With 5 in 1 kit, Free chlorine, pH, total alkalinity, total hardness and cyanuric acid are measured. The result is given by comparing the sample color with color disc.
Complete with all agents, sample tubes and carrier bag.



0850

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 5 in 1 Test Kit , with disc comparator	**0850**	1		
• Phosphate Test Kit, with disc comparator	**0851**	1		





0851

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Tablet Reagents



"DPD1 FREE CHLORINE REAGENT. (1 Folio includes 10 tablets)

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• DPD1 – Folio	**081111**	50	0,128	0,001
• Box inc. 500 pcs	**0811111**	1	0,170	0,0009
• Box inc. 1000 pcs..	**08111112**	1		



PHENOL RED REAGENT. (1 Folio includes 10 tablets)

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Phenol Red – Folio	**081112**	50	0,128	0,001
• Box inc. 500 pcs	**0811121**	1		
• Box inc. 1000 pcs..	**0811122**	1		

DPD3 DEPENDENT CHLORINE AGENT. (1 Folio includes 10 tablets)

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• DPD3 – Folio	**081113**	50	0,128	0,001
• Box inc. 500 pcs	**0811131**	1	0,170	0,0009
• Box inc. 1000 pcs..	**0811132**	1		

Photometer Tablet Reagents

Below spare agents for 250 pieces packages. PLS. ASK PRICE.

Description
TABLET REAGENTS
Alkalinity - M
Cholorine - DPD1
Cholorine - DPD3
Cyanuric Acid
Calcium Hardness
pH - Phenol Red
Aluminium - No:1
Aluminium - No:2
Ammonia - No:1
Ammonia - No:2
Bromine - DPD1
Bromine - Glycine
Copper - No:1
Copper - No:2
Nitrite
Ozone - DPD1
Ozone - DPD2
Ozone - DPD3
PHMB
Chloramine DPD1
Chloramine DPD2
Chloramine DPD3
Chloride - No:1
Chloride - No:2
Chlor dioxide - DPD1

Description
Chlor dioxide - Glycine
Total Hardness
Iron
Phosphate - No:1
Phosphate - No:2
Sodium Hypochloride 1
Sodium Hypochloride 2
Sulphate
Urea - Amonia No:1
Urea - Amonia No:2
Zinc - Copper Zinc
Zinc - EDTA
LIQUID REAGENTS
Hydrogen Peroxide - No:1
Hydrogen Peroxide - No:2
Nitrate - No:1
Nitrate - No:2
Chlorine - No:1
Chlorine - No:2
Chlorine - No:3
Iron - No:1
Iron - No:2
pH
Urea - No:3
Urea - No:4

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09	Cleaning Equipment	
10	Heating Equipment	2

"Residential" Robotic Pool Cleaners



PLECOS "S2" ROBOTIC POOL CLEANERS.
The Plecos S2 is designed for residential pools up to 12 m in length. It features a 24 V motor unit and an 18 m cable. The cleaning cycle duration is 2 hours, and it has an automatic program for optimal pool cleaning. The S2 cleans the pool surface, walls, and waterline. It adjusts the vacuum according to slipperiness during climbing on the walls to prevent slipping. **With the patented POWERSTREAM technology, it offers effective movement and maneuvering features.** The active brush moves twice as fast as the robot, removing algae and bacteria from the walls and bottom. The S2 operates in standard cleaning mode with a new generation energy-saving power unit. It has a 2-layer filtering system with a cartridge filter for finer debris and a net filter for coarse dust. **The S2 comes with a warranty period of 3 years.**

Description	Code	Pieces/ box	Weight Kg	Volume m^3
"S2" Automatic Pool Cleaner	**091187**	1	12,000	



PLECOS "M4" ROBOTIC POOL CLEANERS.
The Plecos M4 is suitable for home pools between 10-12 m in length. It features a self-powered 24 V motor with a low micron cartridge or mesh filter. It comes with an 18 m cable and has a flow rate of 16 m^3/h. The cleaning period is 2.5 hours, and it is self-programmed and microprocessor-controlled for optimal pool cleaning. The M4 climbs the pool walls up to the waterline and offers weekly programming with the options 'once a day, every two days, and every three days' via the power supply unit. With smartphone application, it provides manual use and weekly programming via the Internet. It includes triple active brushes and easy interchangeable filter panels. **GYROSCOPE technology advanced system ensures accurate scanning for systematic coverage of floor, walls and waterline. Without caddy. The warranty period is 3 years.**

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• "M4" Automatic Pool Cleaner	**091188**	1	24,000	
• "M4" Caddy	**091188C**	1		

"Cordless" Robotic Pool Cleaners



PLECOS "FREE" ROBOTIC POOL CLEANERS.
Elevate Your Cordless Pool Cleaning Experience. With the app, you can see the filter status, choose between customized cleaning programs and activate Eco-Mode to enjoy a clean pool for 1-2 weeks on a single charge. The Click-Up™ allows you to stop the robot mid-cycle and to call it to climb up for easy removal.The Plecos FREE is suitable for pools with PVC, fiberglass, and stone surfaces, mosaic and ceramic tiles. This robot is the perfect choice for a sparkling clean pool with minimal effort and maximum results. **The warranty period is 3 years.**

Description	Code	Pieces/ box	Weight Kg	Volume m^3
"FREE" Automatic Pool Cleaner - Cordless	**091192**	1	12,000	

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Automatic Pool Cleaners for Commercial Pools

PLECOS "W9i" ROBOTIC POOL CLEANERS.
The Plecos W9i is effective for pools up to 20 m in length. It features a double motion axle for pool scanning and comes with 70-micron permanent or disposable filters. The W9i has a 24 m cable, a 24 V motor, a flow rate of 16 m³/h, and a 3-hour cleaning cycle duration. It includes a patented swivel system to prevent cable damage. Climbing interval is 8 minutes. **Comes with a caddy. The warranty period is 2 years.**



Description	Code	Pieces/ box	Weight Kg	Volume m³
"W9i" Automatic Pool Cleaner	**091190**	1	23,000	

PLECOS "W10" ROBOTIC POOL CLEANERS.
The Plecos W10 is user-friendly and suitable for pools up to 25 m in length. It features a double motion axle for efficient pool scanning in 4 hours and comes with 70-micron permanent or disposable filters. The W10 has a 24 m cable, a 24V motor, a flow rate of 16 m³/h, and a 3-hour cleaning cycle duration. It includes a patented swivel system to prevent cable damage. Climbing interval is 8 minutes. **The warranty period is 3 years.**



Description	Code	Pieces/ box	Weight Kg	Volume m³
"W10" Automatic Pool Cleaner	**091189**	1	25,000	
"W10" Caddy	**091189C**	1		

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Automatic Pool Cleaners for Commercial Pools

PLECOS "W30XL" ROBOTIC POOL CLEANER.

The Plecos W30XL is designed for commercial pools up to 60 m in length. It comes with 50-micron filters in three different types: standard, coarse, and disposable. The W30XL includes a caddy, a user-friendly interactive control panel, and a remote control. It guarantees 100% pool scanning using navigation technology unique to automatic pool cleaners. The cleaner can memorize four different pools, and it comes with a **warranty period of 2 years.**



Description	Code	Pieces/ box	Weight Kg	Volume m^3
"W30XL" Auto. Pool Cleaner	**091191**	1	101,000	0,150





W30XL entrance to pool.



W30XL can be controlled remotely.

Crystal clear pools with the 21st century technology

"Plecos W30XL"



W30XL, is the new generation automatic pool cleaner of PLECOS; the sector of automatic pool cleaners W30XL is designed specifically for the systematic and stable cleaning of the olympic pools as a highly professional robot compared to all other robots in the market.



Plecos W30 XL



50 microns filter system



Digital control panel



Remote control device

Active Brush System: Hard brushes of polyethylene plastic brushes and rubs the pool and prevents algea and bacteria. Small brushes on the sides reaches to every edge, corner and water line.
Scanning Method: W30XL has a navigation brain unique in the market which guarantees 100% scanning.
Filtration: Automatic pool cleaners cleans the pool with their integrated filters. This is an advantage compared to manual cleaners which uses the pool filter, as they cause faster blockage of the filter. This results with more back washing, so more loss of water and chemicals. As all other automatic pool cleaners
W30XL is environmentally-friendly and economic in this sense. Moreover, with 40 m^3/h vacuum rate and 50 micron filter **W30XL** offers you much more than manual cleaning.
MMI: All the control of the robot is realized with the interactive digital interface panel which is called MMI. With this state of the art device you may set all the parameters of the robot, give comment for delayed start up in order to wait for the sedimentation of dirt on the floor, or give comment for automatically going in and out of the water. You may also control the robot manually with the remote control. Although **W30XL** is a heavy duty robot, it is the leading public pool cleaner in the market with the highest performance/cost ratio in the market and with the easiness of its use and maintenance.

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Rechargeable Cordless Vacuum Cleaner





RECHARGEABLE CORDLESS VACUUM CLEANER.
It is an ideal pool cleaner for all types and sizes of pools, which can be carried by hand with a long and telescopic pole, without the need for a hose and electrical cable, and operates with a rechargeable battery. The product is equipped with a removable brush head, which can conveniently brush the floor, walls and corners of the pool. This device with a battery capacity of 2500mAh can be used for up to 60 minutes without running out of charge. Replaceable-removable brush head. Besides its own 2 meter telescopic pole, it can also be used with Gemas telescopic poles with clip. 2 years warranty.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
Rechargable Cordless Vacuum Cleaner	091230	1	2,000	

PS: Compatible with all GEMAS Telescopic Poles


Removable brush head


60 min. battery capacity

Automatic Suction Pool Cleaner



GEMAS "S250 AUTOMATIC SUCTION POOL CLEANER".
Operates on hydraulic vacuuming principle. Complete with 11 m special hose.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
S250 Automatic Cleaner	09123	1	6,290	0,069



HOSE FOR GEMAS "S250 AUTOMATIC SUCTION POOL CLEANER". 1 m

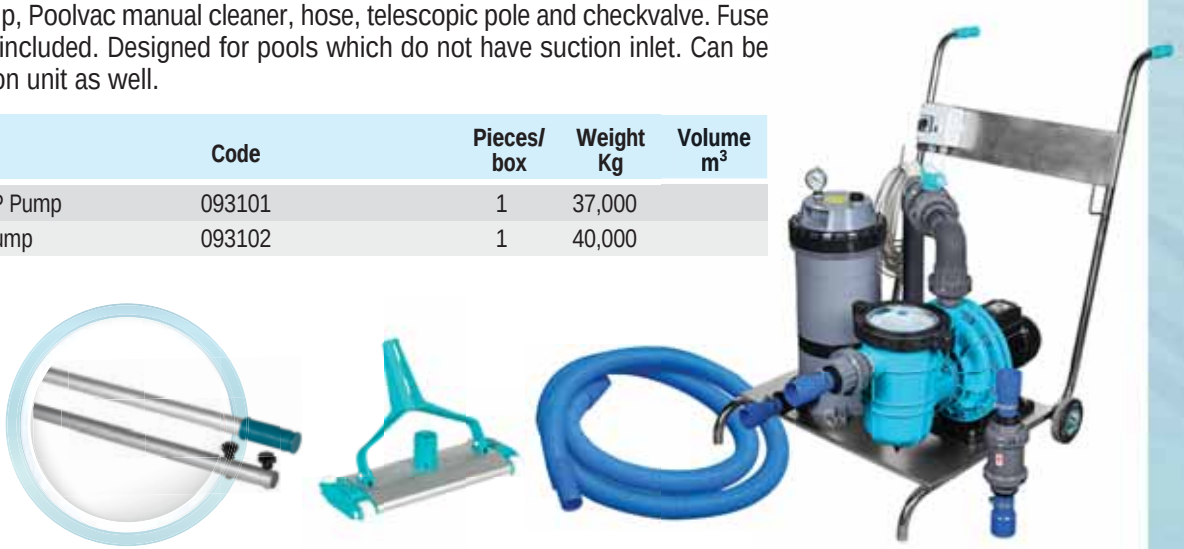
Description	Code	Pieces/ box	Weight Kg	Volume m^3
S250 Hose	09123Y01	1		

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Compact Suction Cleaner Unit - Cartridge Filter

Compact Suction Cleaner.
Assembled on a st. steel wheel caddy, complete with cartridge filter, monophase self-priming pump, Poolvac manual cleaner, hose, telescopic pole and checkvalve. Fuse and 18 m cable included. Designed for pools which do not have suction inlet. Can be used as a filtration unit as well.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 11 m^3/h - 0,75 HP Pump	093101	1	37,000	
• 16 m^3/h - 1 HP Pump	093102	1	40,000	



Compact Suction Cleaner Unit - Sand Filter

Compact Suction Cleaner.
Assembled on a st. steel wheel caddy, complete with sand filter, filtration media, monophase self-priming pump, Poolvac manual cleaner, hose, telescopic pole. Fuse and 18 m cable included. Designed for pools which do not have suction inlet. Can be used as a filtration unit as well. Sand is included in the price.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
6 m^3/h. Sand Filter - 0,5 HP Pump	093103	1		

PS: Please ask price for larger capacities.



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Manual Pool Cleaners



GEMAS "POOLVAC" Pool Cleaner.
For concrete pools. Anodized aluminum body.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• With butterfly nut, 11/2"-L = 346 mm	**092111**	1	2,382	0,012
• With butterfly nut, 11/2"-L = 456 mm	**092112**	1	3,094	0,015
• With clip, 11/2"-L = 346 mm	**092121**	1	2,388	0,012
• With clip, 11/2" -L = 456 mm	**092122**	1	3,220	0,015
• With butterfly nut, 2"-L = 456 mm	**0921121**	1	3,060	0,015
• With clip, 2"-L = 456 mm	**0921122**	1	3,128	0,015



GEMAS "FOLD-VAC" Pool Cleaner.
For concrete pools. Aluminum body can be folded. Efficient cleaning is provided at pool corners and edges. Each model is 1,5" and 2" hose connection with clip.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Width: 35,5 cm	**092211**	1	3,000	0,017
• Width: 45,5 cm	**092212**	1	3,500	0,018



GEMAS "POOLKING" Pool Cleaner.
For concrete pools with wide dimensions. Aluminum body. Wheel group and hose connection made of chromated bronze and stainless steel. 2" Hose connection. Cleaner scanning width, L = 80 cm

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Pull Type	**09213**	1	10,008	0,020
• With fork for using with Handle	**09214**	1	11,516	0,032



GEMAS "LEAF" Pool Cleaner.
Plastic body with brush. No wheels, for liner and concrete pools. Operates with water jet. 1,5" hose connection with clip. Ø38 cm body dia.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	09222	1	0,860	
Spare bag	**092221**	1		

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Manual Pool Cleaners - Liner

GEMAS "LUXVAC" POOL CLEANER.

Plastic Body. Brushes on body for concrete and liner pools. 1,5" hose connection. Pole connection is with clip. Control on top for vacuum strength.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
Luxvac Pool Cleaner	**09215**	1		

GEMAS "TRIANGLE" POOL CLEANER.

Plastic glare body. Brushes on body for concrete and liner pools. 1,5" hose connection. Pole connection is with clip.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
Triangle Pool Cleaner	**09217**	1	1,380	0,013

GEMAS "BUTTERFLY" POOL CLEANER.

Plastic Body. Brushes on body for concrete and liner pools. 1,5" hose connection. Pole connection is with clip.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Butterfly Pool Cleaner	**09218**	1	0,868	0,007
• Butterfly Pool Cleaner - Side Brush	**09219**	1	1,048	0,008

GEMAS "HEAVY-DUTY FLEX" POOL CLEANER.

Plastic Body. 2500 gr weight for heavy duty usage. Wheels with Adjustable height. Suitable for both concrete and liner pools d38 mm hose connection. Pole connection with clip. 1,5" hose connection.



09224



09225

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Heavy-Duty Flex	**09224**	1		
• Ditto, with brush on bottom	**09225**	1		
• Metallic Handle	**0922401**	1		

GEMAS "FLEX" POOL CLEANER.



09220



09223

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Flex Pool Cleaner	**09220**	1		
• Ditto, with side brushes	**09223**	1		

"AQUAQUIK" POOL AND SPA CLEANER.

Manual cleaner with hand pump for easy cleaning in pools and spas. Works without hose. Package is complete with flat scoop, brush, wide and narrow suction heads and wall assembly part. Length:140 cm. Dia: 7,5 cm



Description	Code	Pieces/ box	Weight Kg	Volume m^3
Pool & SPA VAC	**09216**	1	1,418	0,060



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Vacuum Hoses



GEMAS VACUUM HOSE.
Economic blue and white colored, 30 m roll. Without adapter.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• D.38 mm, 1,5"- Price per meter.	**09511**	30	4,992	0,152
• D.50 mm, 2"- Price per meter.	**09512**	30	7,696	0,298



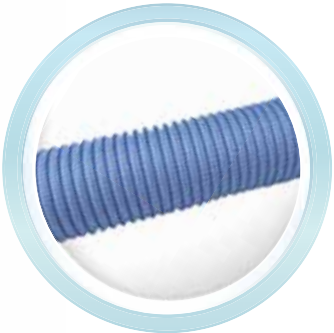
GEMAS VACUUM HOSE.
Blue or white colored. Different lengths of D.38 mm, special hose adapter included. Sold in box.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 1,5" - 8 m	**095111**	1	2,784	0,073
• 1,5" - 10 m	**095112**	1	3,112	0,073
• 1,5" - 12 m	**095113**	1	3,340	0,073
• 1,5" - 15 m	**095114**	1	3,932	0,073



GEMAS VACUUM HOSE.
Blue or white colored. Different lengths of D.50 mm, special hose adapter included. Sold in box.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 2" - 12 m	**095121**	1	4,646	0,127
• 2" - 15 m	**095122**	1	5,372	0,127
• 2" - 18 m	**095123**	1	6,098	0,127



GEMAS "EVAPOOL VACUUM HOSE".
Economic blue striped, white colored. 30 m rolls.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• D.38 mm, 1,5"- Price per meter.	**09511E**	30 m		
• D.50 mm, 2"- Price per meter.	**09512E**	30 m		



GEMAS "EVAPOOL VACUUM HOSE".
Blue striped, white colored. Different lengths of D.38 mm. With special adapter.Sold in box.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 1,5" - 8 m	**09511E1**			
• 1,5" - 10 m	**09511E2**			
• 1,5" - 12 m	**09511E3**			
• 1,5" - 15 m	**09511E4**			



GEMAS "EVAPOOL VACUUM HOSE".
Blue striped, white colored. Different lengths of D.50 mm. With special adapter. Sold in box.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 2" - 12 m	**09512E1**			
• 2" - 15 m	**09512E2**			
• 2" - 18 m	**09512E4**			

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Hose Adapters and Clips

GEMAS LINK CONNECTOR.
For connection of Ø38 mm hose to “04134” suction inlet, in white ABS plastic. 1,5" threaded.



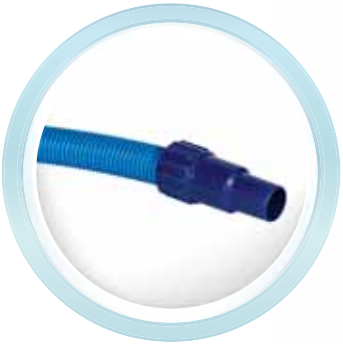
Description	Code	Pieces/ box	Weight Kg	Volume m^3
	09821	20	0,812	0,006

BULLDOG CLIP. For hose fixing, in stainless steel.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• For Ø38 mm. (1,5") hose	**09831**	100	3,000	0,001
• For Ø50 mm. (2”) hose	**09832**	50	1,800	0,002

GEMAS HOSE CUFFS. In flexible PVC plastic, threaded inside.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• For Ø38 mm. (1,5") hose	**09811**	120	6,000	0,028
• For Ø50 mm. (2”) hose	**09812**	120	7,200	0,028
• For both Ø38 mm and Ø50 mm Gemas Eva hose.	**09813**	120	10,800	0,064
• For both Ø38 mm and Ø50 mm Gemas hose.	**09814**	120	10,800	0,064

GEMAS THREADED HOSE CUFFS. In PVC plastic, 1,5" male threaded.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
For Ø38 mm.	**09841**		0,040	

GEMAS HOSE COLLECTION WHEEL.
Made of ABS plastic. 15 m of D.38 Hose collection capacity.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
Hose wheel	**09513**	1	2,678	0,044

GEMAS LEAF TRAP.
Transparent body. Designed to assemble on vacuum hose. Can be cleaned easily. Complete with hose connections, Ø38 mm. (please ask adaptors for Ø50 mm).



Description	Code	Pieces/ box	Weight Kg	Volume m^3
Leaf Trap	**09851**	1		

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Leaf Scoops



GEMAS LEAF SCOOP IN PLASTIC. Fixing with clip.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	09710	12	3,350	0,053



GEMAS LEAF SKIMMER IN PLASTIC. Fixing with clip.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	09720	12	3,780	0,053



GEMAS "LUX" LEAF SCOOP IN PLASTIC. Fixing with clip.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	09730	12	7,950	0,085



GEMAS "ECONOMIC" LEAF SCOOP IN PLASTIC. Fixing with clip.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	09740	12		



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Pool Brushes

GEMAS VACUUM BRUSH IN PLASTIC.
Pool wall brush, standard. With hose connection.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
	09624	1		

GEMAS WALL BRUSH IN PLASTIC. Pool wall brush, 60 cm, standard.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
	09622	1		

GEMAS WALL BRUSH IN PLASTIC. Pool wall brush, 90 cm, standard.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
	09623	1		

GEMAS CURVED BRUSH IN PLASTIC. Pool wall brush, 46 cm, standard.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
	09620	1	0,348	0,002

GEMAS FLOOR BRUSH IN PLASTIC.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Flat 12,5 cm	**09611**			
• Flat 26 cm	**09626**	2	0,244	0,002

GEMAS ALGAE BRUSH WITH STAINLES STEEL BRISTLES.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• W=12,50 cm	**09612**	1	0,160	0,001
• W=25,00 cm	**09613**	1	0,304	0,002

GEMAS CORNER BRUSH. Corner Brush. Circular. Plastic.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
	09640	1	0,114	0,001

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Auxiliary Cleaning Equipment



GEMAS SCRUBBING PAD. With plastic handle.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	09633			



GEMAS SCRUBBING PAD. Plastic.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	09632		0,050	0,050



GEMAS "LUX" LEAF SCOOP IN PLASTIC. Fixing with clip.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	09630		0,296	0,001



GEMAS PUMICE. Plastic clip body. Used for algae cleaning between ceramics.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	09631		0,096	



GEMAS LIFEGUARD HOOK. Aluminum.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	09800		0,408	0,044



GEMAS LIFEGUARD RING. Plastic.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Big Life Buoy 440x700	**09809**	1		
• Small Life Buoy	**09810**	1		



GEMAS LIFEGUARD RING - WALL HANG PART. Stainless Steel.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	09815	1		

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Telescopic Handles

TELESCOPIC HANDLES.
In anodized aluminium (natural or gold color). Connection via clip or butterfly nut.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 1 x 1,5 m	**09410**	1	0,430	0,159
• 1 x 3 m	**09420**	1	0,890	0,312
• 2 x 2 m	**09430**	1	1,100	0,220
• 2 x 2,4 m	**09490**	1	1,600	0,261
• 2 x 3 m	**09440**	1	1,500	0,323
• 3 x 1,5 m	**09450**	1	1,300	0,169
• 3 x 2 m	**09460**	1	1,540	0,220
• 3 x 3 m	**09470**	1	2,200	0,328
• 3 x 6 m	**09480**	1	4,200	0,630

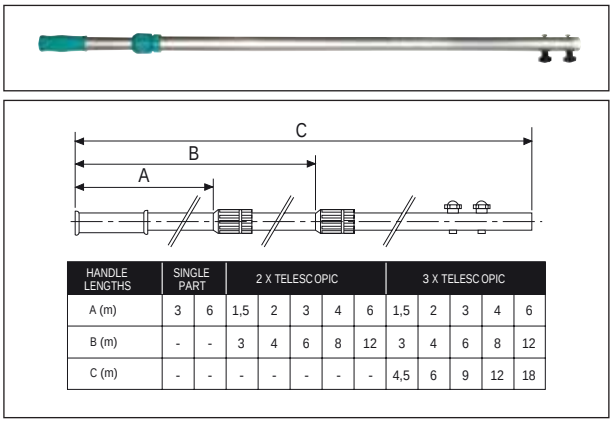

09420


09430

TELESCOPIC HANDLE.
Aluminum, blue anodized. Stripy lower body.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 2 x 1,8 m	**09489**	1	0,800	0,262
• 2 x 2,4 m	**09491**	1	1,000	0,262
• 2 x 3,0 m Blue	**09492**	1		


09489



HANDLE LENGTHS	SINGLE PART		2 X TELESCOPIC					3 X TELESCOPIC				
A (m)	3	6	1,5	2	3	4	6	1,5	2	3	4	6
B (m)	-	-	3	4	6	8	12	3	4	6	8	12
C (m)	-	-	-	-	-	-	-	4,5	6	9	12	18


09491

WALL HANG SET FOR TELESCOPIC HANDLE.
Made of Plastic. Complete with screws.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
Wall Hang Set	**09400**	1	0,160	0,001



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Pool Thermometers



Pool Thermometers, floating.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Thermometer - Floating Type (Duck)	**10414**	24		
• Thermometer - Floating Type (Fish)	**10412**	24		
• Thermometer - Floating Type (Turtle)	**10415**	24		



Pool Thermometer, to be connected to the ladder.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Thermometer - Floating Type	**10411**	1	0,090	
• To be connected to the ladder	**10421**	1	0,068	



Pool Thermometer, floating and circular scaled, Ø190 mm.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	10431	1	0,298	0,010



Digital Pool Thermometer with Solar Battery, Ø80 mm.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	10432	1	0,140	0,001

Pool Ice Barrier





Pool Ice Barrier. Made of Plastic. 49 x 24 cm size floating barrier is arrayed all around the pool perimeter. Protects the pool coating by absorbing the expansion of freezing at very low atmospheric temperature.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
Ice Barrier	**1297105**	Piece		

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Pool Heat Pumps

GEMAS Heat Pump.

Uses the extant heat in the air for 80% of the total energy required to heat up the pool. Consumes electrical energy only for the 20% of the required heat.

- Operational costs are 80% lower compared to natural gas. System can be used for heating or cooling. It is the only solution for shock pools.
- The heat exchanger that transfers energy from air to water is made of titanium. It can be installed in the pools with sea water.
- An electronic-digital control board on the device that also shows the temperature of the water.
- Heating or cooling modes are also selected with the help of this board.
- The heat pump can easily be installed on the extant pool installations without any infrastructural problems.
- The heat pump is designed to change the water temperature by ±12°C in 5 days when the outside temperature 20°C.
- Using a solar pool cover that provides isolation will shorten the time and reduce energy consumption.
- The heat pump does not work efficiently when the ambient temperature is below 10°C.



101313



101315



101317



101320

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 030MS3 - Heating/Cooling, 12,6 kW	**101313**	1		
• 040MS3 - Heating/Cooling, 18,9 kW	**101314**	1		
• 060MS3 - Heating/Cooling, 25,2 kW	**101315**	1		
• 080MS3 - Heating/Cooling, 33,8 kW	**101317**	1		
• 100MS3 - Heating/Cooling, 42 kW	**101318**	1		
• 120MS3 - Heating/Cooling, 50,4 kW	**101320**	1		

ATTENTION! :

Below pool volumes are valid during the heating period (1 may - 15 september) for the conditions when the system is on for 15 hours a day and the pool is covered with an isolated cover during the night. If these conditions cannot be fulfilled, a larger model is recommended.

Model	FPHC	030T	045T	060T3	080T3	100T3	120T3
Cooling gas		R410A	R410A	R410A	R410A	R410A	R410A
Heating Capacity*	kW	12,6	18,9	25,2	33,0	42,0	50,4
COP* A:24/W:28	W/W	5,5	5,5	5,5	5,5	5,5	5,5
Input Power*	kW	2,29	3,44	4,58	6,11	7,64	9,16
Input Current*	A	10,4	15,6	8,7	11,6	14,5	17,4
Heating Capacity**	kW	10,5	15,8	21,0	28,0	35,0	42,0
COP** A:15/W:28	W/W	4,6	4,6	4,6	4,6	4,6	4,6
Input Power**	kW	2,28	3,43	4,57	6,09	7,61	9,13
Input Current**	A	10,4	15,6	8,7	11,6	14,5	17,3
Havuz Hacmi ****	m^3	30	50	65	80	130	180
Cooling Capacity (A35W28)	kW	7,5	11,3	15,0	20,0	25,0	30,0
	BTU/h	25590	38385	51180	68240	85300	102360
COP A:35/W:28	W/W	2,8	2,8	2,8	2,8	2,8	2,8
Input Power	kW	2,68	4,02	5,36	7,14	8,93	10,71
Input Current	A	13,4	20,1	10,7	14,3	17,9	21,4
Power Supply	V/PH/Hz	220/1/50	220/1/50	380/3/50	380/3/50	380/3/50	380/3/50
Compressor		Rotary	Rotary	Scroll	Scroll	Scroll	Scroll
Compressor Qty		1	1	1	2	2	2
Fan Qty		1	1	1	2	2	2
Noise	dB(A)	52	54	55	58	60	62
Water Out let/Water In let	inch	1-1/2"	1-1/2"	1-1/2"	2"	2"	2"
Water Flow Volume	m^3/h	3,61	5,42	7,22	9,63	12,04	14,45
Water Pressure Drop	kpa	15	16	16	18	18	18
Fan Direction		Vertical	Vertical	Vertical	Vertical	Vertical	Vertical
Unit Net Dimensions (L/M/H)	mm	640/590/790	710/660/940	810/660/940	810/660/990	1450/730/1135	1450/730/1335
Unit Shipping Dimensions (L/M/H)	mm	680/630/910	750/700/1060	850/700/1060	850/700/1110	1520/750/1290	1520/750/1490
Net Weight	kg	80	98	113	240	260	280
Shipping Weight	kg	88	120	125	270	290	310

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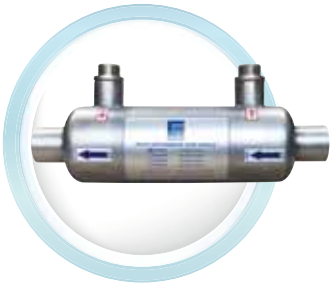
Pool Heat Pumps



Models with Inverter:

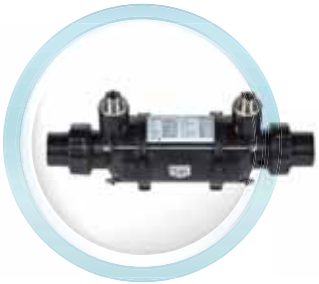
Description	Code	Pieces/ box	Weight Kg	Volume m^3
• FIP7S - Heating: 7.80 kW / Cooling, 4.30 kW	**101325**	1		
• FIP10S - Heating: 10.60 kW / Cooling, 5.90 kW	**101326**	1		
• FIP13S - Heating: 13.70 kW / Cooling, 7.30 kW	**101327**	1		
• FIP17S - Heating: 17.20 kW / Cooling, 9.50 kW	**101329**	1		
• FIP21S - Heating: 21.40 kW / Cooling, 11.60 kW	**101334**	1		
• FIP30S - Heating: 30.00 kW / Cooling, 15.90 kW	**101335**	1		

Heat Exchangers, Shell & Tube Type



GEMAS Heat Exchangers, Shell and Tube Type.
Made of AISI 316 quality Stainless Steel. Max. pressure 10 bars. Operated by 90-70 °C hot water from the boiler. Connection cuffs are not included.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 22.000 kcal/h Conn.: Pool side 1,5"- boiler side 0,75	**101210**	1		
• 35.000 kcal/h Conn.: Pool side 1,5"- boiler side 0,75	**101211**	1		
• 40.000 kcal/h Conn.: Pool side 1,5"- boiler side 0,75	**101217**	1		
• 65,000 kcal/h Conn.: Pool side 1,5"- boiler side 1"	**101212**	1		
• 80.000 kcal/h Conn.: Pool side 2"- boiler side 1"	**101218**	1		
• 90.000 kcal/h Conn.: Pool side 2"- boiler side 2x1"	**101213**	1		
• 110.000 kcal/h Conn.: Pool side 2"- boiler side 1"	**101219**	1		
• 180.000 kcal/h Conn.: Pool side 2"- boiler side 2x1,5"	**101214**	1		
• 220.000 kcal/h Conn.: Pool side 2"- boiler side 2x2"	**101220**	1		
• 250.000 kcal/h Conn.: Pool side 2"- boiler side 2x2"	**101215**	1		
• 330.000 kcal/h Conn.: Pool side 2"- boiler side 2x2"	**101221**	1		
• 400.000 kcal/h Conn.: Pool side 2"- boiler side 2x2"	**101216**	1		
• St. Steel Wall Clampset	**10121101**	1		



Heat Exchangers, Shell and Tube Type. With plastic body, AISI 316/Titanium-Corrugated Metal Coil. The plastic body is resistant to high pressure and corrosion. It is attractive in terms of cost advantage and quality. It works with hot water (90/70°C) from the boiler. Max. pressure: Primary (boiler side) circuit 6 bar, secondary (poolside) 2 bar. Connection fittings are ABS, 0-rings are silicone.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• D-KWT 25, 25 kW - 21,500 kcal/h, AISI 316	**101201**	1		
• D-KWT 45, 45 kW - 39,560 kcal/h, AISI 316	**101202**	1		
• D-KWT 85, 85 kW - 78,260 kcal/h, AISI 316	**101203**	1		
• D-KWT 105, 105 kW - 108,360 kcal/h, AISI 316	**101204**	1		
• D-KWT 25, Titanium	**101201T**	1		
• D-KWT 45, Titanium	**101202T**	1		
• D-KWT 85, Titanium	**101203T**	1		
• D-KWT 105, Titanium	**101204T**	1		





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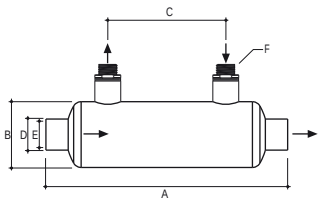
Heat Exchangers, Shell & Tube Type

Model		D-KWT 25	D-KWT 45	D-KWT 85	D-KWT 105
Heating Capacity	kw	25	45	91	126
Heating Capacity	kcal/h	21.500	39.560	78.260	108.360
Temperature difference	°C	70 = 0.36 kW/°C	70 = 0.66 kW/°C	70 = 1.3 kW/°C	70 = 1.8 kW/°C
Area	m^2	0.09	0.15	0.33	0.54
Flow Primary*	m^3/h	2	2	2	2
Flow Secondary*	m^3/h	8	10	12	15
Pressure Loss Primary*	bar	0.10	0.15	0.28	0.36
Pressure Loss Secondary*	bar	0.11	0.15	0.22	0.30
Max. Pressure Primary*	bar	6	6	6	6
Max. Pressure Secondary*	bar	2	2	2	2
Outer Body		PP 30% Fiberglass	PP 30% Fiberglass	PP 30% Fiberglass	PP 30% Fiberglass
Connection Socket		ABS	ABS	ABS	ABS
O-ring		Silicon	Silicon	Silicon	Silicon
Spiral Hose		AISI 316 / Titanium	AISI 316 / Titanium	AISI 316 / Titanium	AISI 316 / Titanium
Weight	kg	1.8	2.2	3.6	5.3
Packaging Volume	m^3	0.079	0.095	0.162	0.233

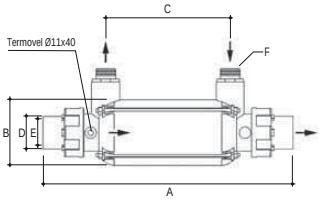
*Primary: Heating fluid, Secondary: Heating fluid (Pool water)

**The technical value table above also applies to Gemas Shell and Tube Type Heat Exchangers.

Heat Exchanger Type	Dimensions					
	A (mm)	B (mm)	C (mm)	D	E (mm)	F
101210 - 22.000 kcal/h	350	110	135	D.63-PN10	50	3/4"
101217 - 40.000 kcal/h	420	110	205	D.63-PN10	50	3/4"
101212 - 65.000 kcal/h	665	110	450	D.63-PN10	50	1"
101218 - 80.000 kcal/h	710	110	495	D.63-PN10	50	1"
101219 - 110.000 kcal/h	1020	110	805	D.63-PN10	50	1"



Heat Exchanger Type	Dimensions					
	A (mm)	B (mm)	C (mm)	D	E (mm)	F
D-KWT25 AISI 316/Titanium	345	110	135	D.63-PN10	50	3/4"
D-KWT45 AISI 316/Titanium	415	110	205	D.63-PN10	50	3/4"
D-KWT85 AISI 316/Titanium	705	110	495	D.63-PN10	50	1"
D-KWT105 AISI 316/Titanium	1015	110	805	D.63-PN10	50	1"



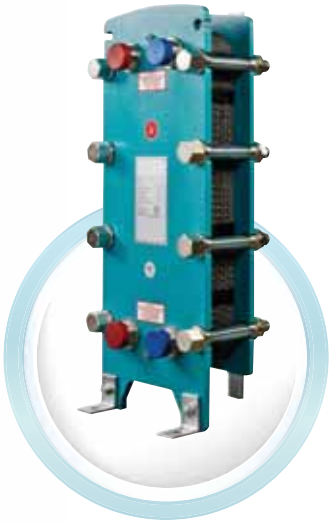
Shell & Tube Type Heat Exchanger Selection Chart

Model	D-KWT 25			D-KWT 45			D-KWT 85			D-KWT 105		
Pool Water	**20 °C**	**24 °C**	**28 °C**	**20 °C**	**24 °C**	**28 °C**	**20 °C**	**24 °C**	**28 °C**	**20 °C**	**24 °C**	**28 °C**
Heating Capacity	**25 kW**	**23,5 kW**	**22,1 kW**	**46 kW**	**43,4 kW**	**40,7 kW**	**91 kW**	**85,8 kW**	**80,6 kW**	**126 kW**	**118.8 kW**	**111,6 kW**
Primary Input/Output	90/79 °C	90/79,6°C	90/80,2°C	90/69,6°C	90/70,8°C	90/72°C	90/49,6°C	90/52°C	90/54,2°C	90/34°C	90/37,3°C	90/40,5°C
Secondary Input/Output	20/22,7 °C	24/26,5°C	28/30,4°C	20/24°C	24/27,8°C	28/31,5°C	20/26,5°C	24/30,2°C	28/33,8°C	20/27,2°C	24/30,8°C	28/34,4°C
Heating Capacity	**21,5 kW**	**20 kW**	**18,6 kW**	**39 kW**	**36,4 kW**	**33,7 kW**	**78 kW**	**72,8 kW**	**67,6 kW**	**108 kW**	**100,8 kW**	**93,6 kW**
Primary Input/Output	80/70,5 °C	80/71,2°C	80/71,8°C	80/62,8°C	80/64°C	80/65,1°C	80/45,5°C	80/47,8°C	80/50,1°C	80/32,3°C	80/35,5°C	80/38,7°C
Secondary Input/Output	20/22,3 °C	24/26,2°C	28/30°C	20/23,4°C	24/27,1°C	28/30,9°C	20/25,6°C	24/29,2°C	28/32,9°C	20/26,2°C	24/29,8°C	28/33,4°C
Heating Capacity	**18 kW**	**16,5 kW**	**15,1 kW**	**32 kW**	**29,4 kW**	**26,7 kW**	**65 kW**	**59,8 kW**	**54,6 kW**	**90 kW**	**82,8 kW**	**75,6 kW**
Primary Input/Output	70/62 °C	70/62,8°C	70/63,4°C	70/55,9°C	70/57°C	70/58,3°C	70/41,4°C	70/43,7°C	70/46°C	70/30,4°C	70/33,6°C	70/36,7°C
Secondary Input/Output	20/21,9 °C	24/25,8°C	28/29,6°C	20/22,8°C	24/26,5°C	28/30,3°C	20/24,7°C	24/28,3°C	28/31,9°C	20/25,2°C	24/28,8°C	28/32,4°C
Heating Capacity	**14,5 kW**	**13 kW**	**11,6 kW**	**25 kW**	**22,4 kW**	**19,7 kW**	**52 kW**	**46,8 kW**	**41,6 kW**	**72 kW**	**64,8 kW**	**57,6 kW**
Primary Input/Output	60/53,6 °C	60/54,3°C	60/54,9°C	60/49°C	60/50,2°C	60/51,4°C	60/37,2°C	60/39,5°C	60/41,8°C	60/28,4°C	60/31,6°C	60/34,8°C
Secondary Input/Output	20/21,6 °C	24/25,4°C	28/29,2°C	20/22,1°C	24/25,9°C	28/29,7	20/23,7°C	24/27,4°C	28/31°C	20/24,1°C	24/27,7°C	28/31,3°C
Heating Capacity	**11 kW**	**9,5 kW**	**8,1 kW**	**18 kW**	**15,4 kW**	**12,7 kW**	**39 kW**	**33,8 kW**	**28,6 kW**	**54 kW**	**46,8 kW**	**39,6 kW**
Primary Input/Output	50/45,2 °C	50/45,9°C	50/46,5°C	50/42,1°C	50/43,3°C	50/44,5°C	50/33°C	50/35,2°C	50/37,5°C	50/26,4°C	50/29,6°C	50/32,7°C
Secondary Input/Output	20/21,2 °C	24/25°C	28/28,9°C	20/21,5°C	24/25,3°C	28/29,1°C	20/22,8°C	24/26,4°C	28/30,1°C	20/23,1°C	24/26,7°C	28/30,3°C

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Plate Heat Exchangers - High Pressure Drop





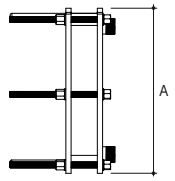


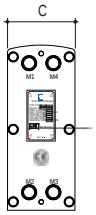
101260 Optional

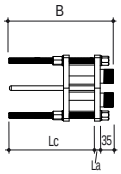
GEMAS Stainless Steel Plate Heat Exchanger. Made of AISI 316 quality stainless steel with nitryl or EPDM seal exchangers. Operated by 90-70°C hot water from boiler. Max. pressure 10 bars - Max. heat 130°C. Pressure loss from boiler and pool is 5 mwh.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 30,000 kcal/h, 504 Body, 5 Pl.	**101251**	1		
• 40,000 kcal/h, 504 Body, 6 Pl.	**101252**	1		
• 50,000 kcal/h, 504 Body, 7 Pl.	**101253**	1		
• 60,000 kcal/h, 504 Body, 8 Pl.	**101254**	1		
• 70,000 kcal/h, 504 Body, 10 Pl.	**101255**	1		
• 80,000 kcal/h, 504 Body, 10 Pl.	**101256**	1		
• 90,000 kcal/h, 504 Body, 12 Pl.	**101257**	1		
• 100,000 kcal/h, 504 Body, 12 Pl.	**101258**	1		
• 125,000 kcal/h, 504 Body, 16 Pl.	**101259**	1		
• 150,000 kcal/h, 504 Body, 20 Pl.	**101261**	1		
• 175,000 kcal/h, 504 Body, 24 Pl.	**101262**	1		
• 200,000 kcal/h, 514 Body, 10 Pl.	**101263**	1		
• 250,000 kcal/h, 514 Body, 12 Pl.	**101264**	1		
• 300,000 kcal/h, 514 Body, 14 Pl.	**101265**	1		
• 325,000 kcal/h, 514 Body, 14 Pl.	**101266**	1		
• 400,000 kcal/h, 514 Body, 18 Pl.	**101267**	1		
• 500,000 kcal/h, 514 Body, 22 Pl.	**101268**	1		
• 600,000 kcal/h, 514 Body, 28 Pl.	**101269**	1		
• Thermostat and Solenoid Automation	**101260**	1		

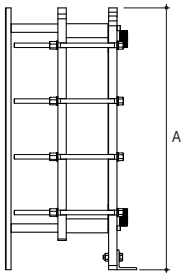
504 BODY

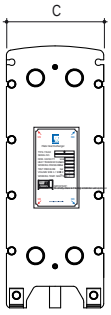


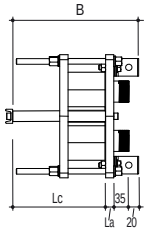




514 BODY







Body Model	A (mm)	B (mm)	C (mm)
504 BODY	490	La+Lc+35	200
514 BODY	942	La+Lc+40+20	350

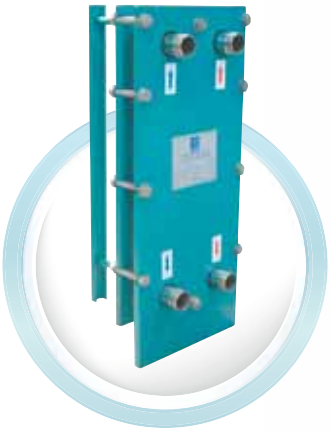
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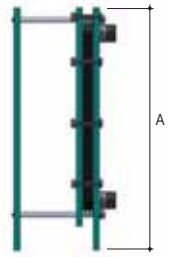
Plate Heat Exchangers - Low Pressure Drop

GEMAS Plate Heat Exchangers.
Plates made of AISI 316 quality stainless steel, with nitryl or EPDM gaskets. Body plates are 20 mm and painted over galvanization. Operated by 90-70°C hot water from boiler. Max Pressure 10 bar - Max temperature 130°C. Pressure losses from the sides of the pool and boiler are shown seperately for each capacity.

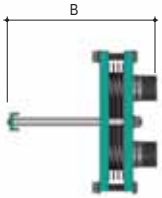


Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 40,000 kcal/h: Pool side 1,02 mwh - Boiler side 1,00 mwh 2,00 - 2,00 m³/h 6 pl.	**101231**	1	34,500	
• 65,000 kcal/h: Pool side 1,16 mwh - Boiler side 1,20 mwh 3,20 - 3,30 m³/h 8 pl.	**101232**	1	35,900	
• 90,000 kcal/h: Pool side 1,28 mwh - Boiler side 1,29 mwh 4,50 - 4,60 m³/h 10 pl.	**101233**	1	64,000	
• 110,000 kcal/h: Pool side 1,21 mwh - Boiler side 1,90 mwh 5,50 - 5,60 m³/h 11 pl.	**101234**	1	65,200	
• 130,000 kcal/h: Pool side 1,18 mwh - Boiler side 1,71 mwh 6,50 - 6,60 m³/h 13 pl.	**101235**	1	85,600	
• 150,000 kcal/h: Pool side 1,55 mwh - Boiler side 1,60 mwh 7,50 - 7,70 m³/h 14 pl.	**101236**	1	87,200	
• 180,000 kcal/h: Pool side 1,65 mwh - Boiler side 1,70 mwh 9,00 - 9,20 m³/h 16 pl.	**101237**	1	87,200	
• 225,000 kcal/h: Pool side 1,58 mwh - Boiler side 1,63 mwh 11,00 - 11,00 m³/h 20 pl.	**101238**	1	88,800	
• 300,000 kcal/h: Pool side 1,63 mwh - Boiler side 1,97 mwh 15,00 - 15,40 m³/h 25 pl.	**101239**	1		
• 400,000 kcal/h: Pool side 1,71 mwh - Boiler side 1,97 mwh 20,00 - 20,50 m³/h 33 pl.	**101240**	1		
• 500,000 kcal/h: Pool side 1,81 mwh - Boiler side 1,87 mwh 25,00 - 26,00 m³/h 41 pl.	**101241**	1		
• 700.000 kcal/h: Pool side 1,14 mwh - Boiler side 1,88 mwh 27,00 - 36,00 m³/h 62 pl.	**101242**	1		





SIDE



TOP



FRONT

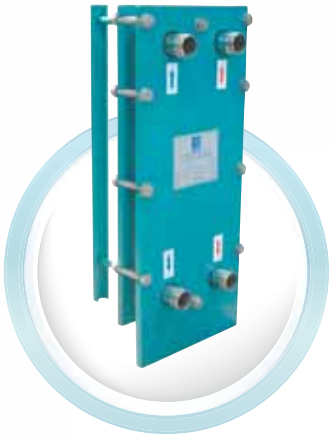


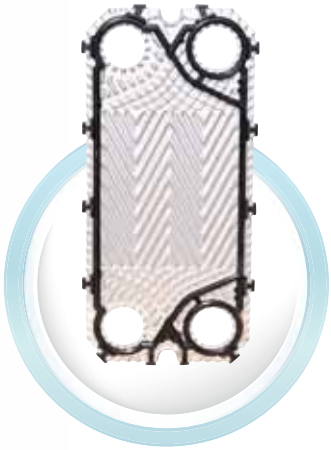
101260 Optional

Code	A (mm)	B (mm)	C (mm)
101231 101232 101233	580	255	290
101234 101235 101236		280	
101237 101238 101239		330	
101240 101241 101242		355	

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Plate Heat Exchangers-Titanium-Low Pressure Drop





GEMAS Titanium Plate Exchanger.
Titanium plates resistent to sea water. Seals of nitrile or EPDM. Operated by 90-70°C hot water from boiler. Max pressure 10 bars, max temperature 130°C. Pressure losses from the side of the pool and the boiler are shown below separately for each capacity.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 40,000 kcal/h: Pool side 1,02 mwh - Boiler side 1,00 mwh 2,00 - 2,00 m³/h 6 pl.	**101231T**	1	34,500	
• 65,000 kcal/h: Pool side 1,16 mwh - Boiler side 1,20 mwh 3,20 - 3,30 m³/h 8 pl.	**101232T**	1	35,900	
• 90,000 kcal/h: Pool side 1,28 mwh - Boiler side 1,29 mwh 4,50 - 4,60 m³/h 10 pl.	**101233T**	1	64,000	
• 110,000 kcal/h: Pool side 1,21 mwh - Boiler side 1,90 mwh 5,50 - 5,60 m³/h 11 pl.	**101234T**	1	65,200	
• 130,000 kcal/h: Pool side 1,18 mwh - Boiler side 1,71 mwh 6,50 - 6,60 m³/h 13 pl.	**101235T**	1	85,600	
• 150,000 kcal/h: Pool side 1,55 mwh - Boiler side 1,60 mwh 7,50 - 7,70 m³/h 14 pl.	**101236T**	1	87,200	
• 180,000 kcal/h: Pool side 1,65 mwh - Boiler side 1,70 mwh 9,00 - 9,20 m³/h 16 pl.	**101237T**	1	87,200	
• 225,000 kcal/h: Pool side 1,58 mwh - Boiler side 1,63 mwh 11,00 - 11,00 m³/h 20 pl.	**101238T**	1	88,800	
• 300,000 kcal/h: Pool side 1,63 mwh - Boiler side 1,97 mwh 15,00 - 15,40 m³/h 25 pl.	**101239T**	1		
• 400,000 kcal/h: Pool side 1,71 mwh - Boiler side 1,97 mwh 20,00 - 20,50 m³/h 33 pl.	**101240T**	1		
• 500,000 kcal/h: Pool side 1,81 mwh - Boiler side 1,87 mwh 25,00 - 26,00 m³/h 41 pl.	**101241T**	1		
• 700.000 kcal/h: Pool side 1,14 mwh - Boiler side 1,88 mwh 27,00 - 36,00 m³/h 62 pl.	**101242T**	1		

Option (101260): Complete with solenoid valve, thermostat and thermostat cap for automation-€650.



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Electrical Heaters

GEMAS Heatrone PRO

Electrical Heater with plastic body made of fiberglass reinforced PP. Triphase. Complete with magnetic contactors, thermal switch and flow switch. Control board has seven segment digital thermostat and led indicator for operation, as well as power control. Heating elements made of AISI 316 Stainless Steel. Timer is optional. Please add “O” at the end of existing code when ordering.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 9 kW Electrical Heater	**10121**	1		
• 12 kW Electrical Heater	**10122**	1		
• 15 kW Electrical Heater	**10123**	1		
• 18 kW Electrical Heater	**10124**	1		

GEMAS Heatrone PRO-Ti

Ditto, but heating elements made of Titanium.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 9 kW Electrical Heater	**10121T**	1		
• 12 kW Electrical Heater	**10122T**	1		
• 15 kW Electrical Heater	**10123T**	1		
• 18 kW Electrical Heater	**10124T**	1		

GEMAS Heatrone PRO-MINI

Electrical Heater with plastic body made of fiberglass reinforced PP. Complete with magnetic contactors, thermal switch and flow switch. Control board has seven segment digital thermostat and led indicator for operation, as well as power control. Heating elements made of AISI 316 Stainless Steel. Timer is optional. Please add “O” at the end of existing code when ordering.



10020
10021

10022
10024

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 1 kW Electrical Heater (Monofaze)	**10020**	1		
• 2 kW Electrical Heater (Monofaze)	**10021**	1		
• 3 kW Electrical Heater (Trifaze)	**10022**	1		
• 6 kW Electrical Heater (Trifaze)	**10024**	1		

GEMAS Heatrone PRO-MINI - Ti

Ditto, but heating elements made of Titanium.



10020T
10021T

10022T
10024T

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 1 kW Electrical Heater (Monofaze)	**10020T**	1		
• 2 kW Electrical Heater (Monofaze)	**10021T**	1		
• 3 kW Electrical Heater (Trifaze)	**10022T**	1		
• 6 kW Electrical Heater (Trifaze)	**10024T**	1		

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Pool Thermometers

Pool Thermometers, floating.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Thermometer - Floating Type (Duck)	**10414**	24		
• Thermometer - Floating Type (Fish)	**10412**	24		
• Thermometer - Floating Type (Turtle)	**10415**	24		



Pool Thermometer, to be connected to the ladder.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Thermometer - Floating Type	**10411**	1	0,090	
• To be connected to the ladder	**10421**	1	0,068	



Pool Thermometer, floating and circular scaled, Ø190 mm.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	10431	1	0,298	0,010



Digital Pool Thermometer with Solar Battery, Ø80 mm.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	10432	1	0,140	0,001

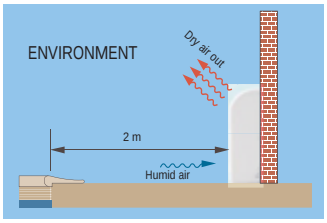


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Dehumidifiers

GEMAS Dehumidifier. Provides energy-saving humid control for indoor swimming pool. Allows adjusting desired humidity rate with digital hygrometer.

- Quite operation,
- HP Buster Technology,
- R410A Eco-Friendly Gas,
- Installation on basement or wall,
- Plastic Case,
- Optional Electrical Heater.





10231

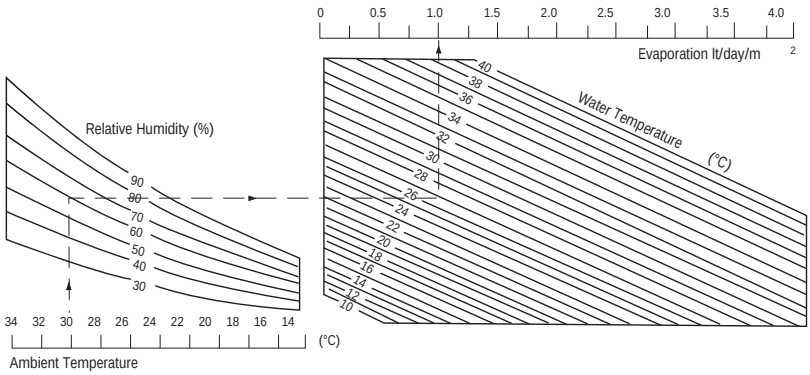


10234

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Model MDH75A / 75 l/day	**10231**	1	57,000	0,244
• Model MDH90A / 90 l/day	**10236**	1	64,000	0,336
• Model MDH125A / 125 l/day	**10234**	1	66,000	0,336
• Model MDH170A / 170 l/day	**10235**	1	79,000	0,427

Note: Test Conditions - 30°C ambient temperature, 80% relative humidity.

Determination Chart for Daily Evaporation in Indoor Pool Areas



Model	MDH75A	MDH90A	MDH125A	MDH170A
Capacity (kg/24sa) 30°C/70% humidity*	75	90	125	170
Heat Retention (kW) 30°C/70% humidity*	3.2	4	5	8.2
Noise Level (dB(A))	48	50	50	52
Air Flow (m^3/h)	600	1200	1200	1800
Input Energy	220V/1ph/50Hz	220V/1ph/50Hz	220V/1ph/50Hz	220V/1ph/50Hz
Operation Power (kW)	1.30	1.60	2.00	2.92
Current (A)	5.9	7.3	9.1	13.3
Start Current (A)	25	34	42	63
Water Inlet (inch)	3/4	3/4	3/4	3/4
Water Outlet (inch)	3/4	3/4	3/4	3/4
Drainage (mm Dış Çap)	16	16	16	16
Operation Temperature (°C)	5~35	5~35	5~35	5~35
Compressor Protection	3 minutes delay	3 minutes delay	3 minutes delay	3 minutes delay
Defrost Mode	Automatic	Automatic	Automatic	Automatic
Cooler	R410A	R410A	R410A	R410A
Compressor	Rotary	Rotary	Rotary	Rotary
Net / Gross Weight (kg)	52/57	57/64	59/66	70/79
Net Dimensions (mm)	905x243x673	1288x243x673	1288x243x673	1672x243x673
Package Dimensions (mm)	1015x315x765	1395x315x765	1395x315x765	1775x315x765

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Heat Requirement Chart For Miscellaneous Pools

Pool Dimensions (m)	Pool Volume (m^3)	Heat Requirement (kcal/h) (÷ 0,86 = Watt)																	
		Wind Sheltered Pools						Open Pools						Indoor Pools					
		Δt = 5°C			Δt = 10°C			Δt = 5°C			Δt = 10°C			Δt = 17°C			Δt = 25°C		
		24 h	48 h	72 h	24 h	48 h	72 h	24 h	48 h	72 h	24 h	48 h	72 h	24 h	48 h	72 h	24 h	48 h	72 h
4,00 x 8,00 x 1,50	48	22385	20215	18277	37660	26030	22153	30642	25641	23974	40644	30642	27308	37308	20305	14638	53311	28307	23223
5,00 x 10,00 x 1,50	75	34977	27164	24560	50606	34978	29769	47878	40064	37459	63506	47878	42669	58295	31727	22872	83299	44230	31206
6,00 x 12,00 x 1,50	108	50368	39116	35365	72872	50368	42867	68944	57692	53942	91448	68944	61443	83944	45687	32935	119951	63691	44937
8,00 x 16,00 x 1,50	192	89543	69539	62872	129551	89543	76208	122567	102564	95896	189040	142520	109232	149234	81222	58551	213246	113228	79888
12,50 x 25,00 x 1,50	469	218663	169800	153513	367895	218664	186088	299288	250425	234137	461645	348010	266713	364518	198384	143006	520880	276565	195127
12,50 x 25,00 x 1,80	563	277035	179594	160041	355563	238250	199146	318875	260209	240667	436188	318875	279771	431113	231682	165205	719551	325532	227771
16,00 x 35,00 x 1,50	840	391751	304236	275064	566783	391752	333408	536231	448716	419544	711263	536232	477888	652899	355346	256161	932950	495371	349511
20,00 x 40,00 x 1,50	1200	559645	434622	392948	809690	559645	476297	766045	641023	599348	1016090	766045	682697	932713	507637	365944	1332785	707673	499302
25,00 x 50,00 x 1,50	1875	874445	679098	613982	1265141	874445	744214	1196946	1001598	936482	1587641	1196945	1066714	1457364	793182	571788	2082477	1105738	780159
25,00 x 50,00 x 2,00	2500	1004678	744214	657393	1525604	1004677	831035	1327177	1066714	979892	1848104	1327177	1153535	1900152	1014576	719384	2733635	1431317	997212

Instructions:

1- Above values are calculated with assumption of 24 hr of boiler operation. These values needs to be increased (x 24/work hours) in cases where boiler works less.
2- Exchanger capacities on the price list are for 90/70 °C boiler water temperature. Selected exchanger capacities needs to be increased for lower boiler water temperatures.
3- Values on the chart are approximate and can vary according to pool's construction and coating
4- Δt = Preferred temprature increase for pools.
5- Above time values for preffered temperature increase. Installation capacity needs to be increased for decreasing operation time values.
6- Using the **"solar air-bubble cover"** during the heating process, provides energy saving. (>%50)
7- Same type of cover decreases humidity by %50 at indoor pools.

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11	Water Attractions	2
12	Winter Pool Covers	

Water Cascade - Acrylic - RGB LED

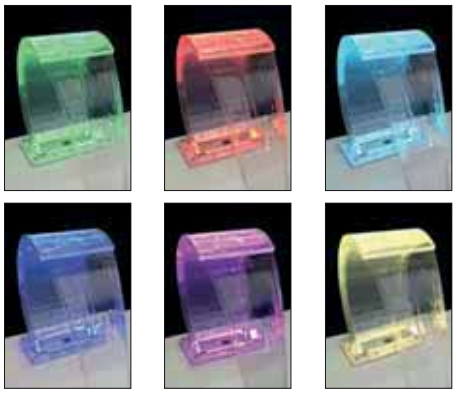


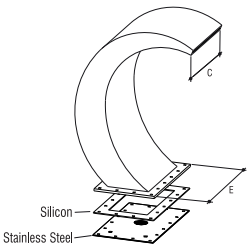


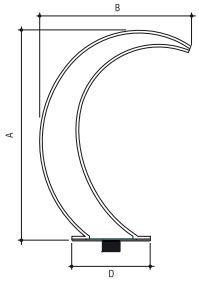
Acrylic Water Curtain.
Made of transparent acrylic. Complete with stainless steel bottom mounting plate, gasket, screws and nuts. Different light animations are created with RGB LED. Transformer remote control unit is not included in the price. Color change can be achieved with on-off.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• WF300LED - 1,5”	**11194**	1		
• WF301LED - 2,0”	**11195**	1		
• Four-terminal control unit for RGB LEDs Panel type	**05092A4P**	1		

PS: It must be used with a dedicated 1 HP Streamer pump.







TECHNICAL CHARACTERISTICS

MODEL	Ø	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Power (W)	Voltage (VDC)
WF-300 LED	1.5”	603	423.5	320	236	416	12.0	12
WF-301 LED	2.0”	750	540.6	395	280	500	13.0	12

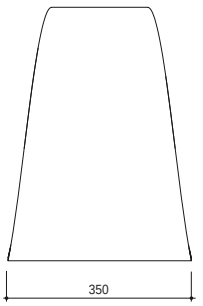
Water Cascade



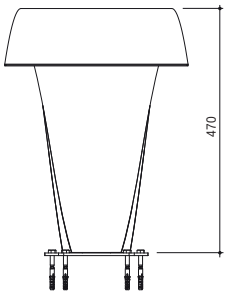
Mini Cobra Water Cascade.
Made of AISI 304 grade stainless steel. Connection 1,5" female threaded. Complete with bolts and plugs.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	11190	1		

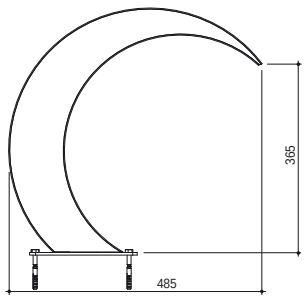
PS: It must be used with a dedicated 1 HP Streamer pump.



Top view



Front view



Side view

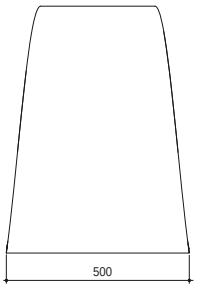
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Water Cascade

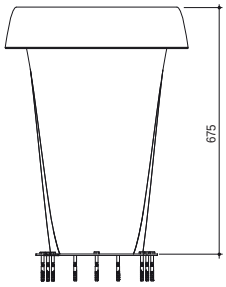
Midi Cobra Water Cascade.
Made of AISI 304 grade stainless steel. Connection 2” female threaded.
Complete with bolts and plugs.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Midi 1 - h=575 x 500 mm	**11191**	1		
• Midi 2 - h=900 x 600 mm	**11193**	1		

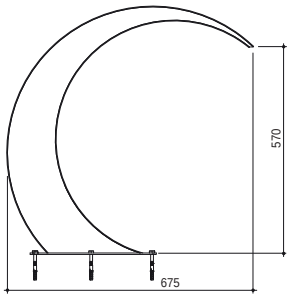
PS: It must be used with a dedicated 2 HP Streamer pump.



Top view

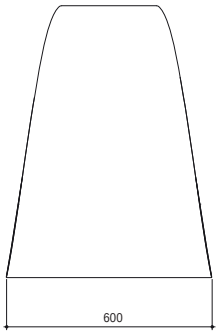


Front view

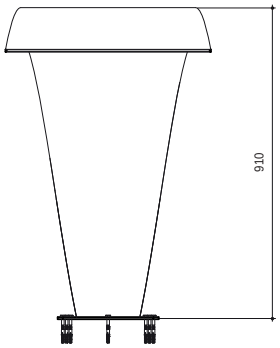


Side view

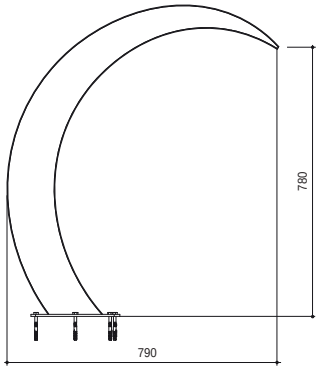

11191



Top view



Front view



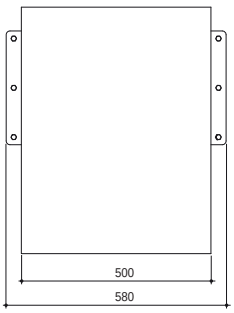
Side view


11193

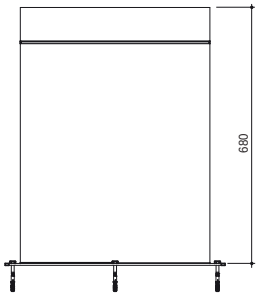
Niagara Water Cascade.
Made of AISI 304 grade stainless steel. Connection 2” female threaded. Complete with bolts and plugs.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	11192	1		

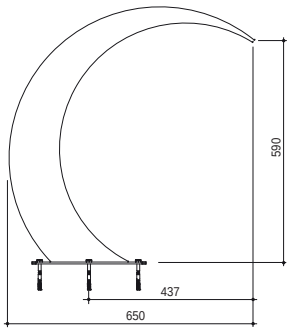
PS: It must be used with a dedicated 2 HP Streamer pump.



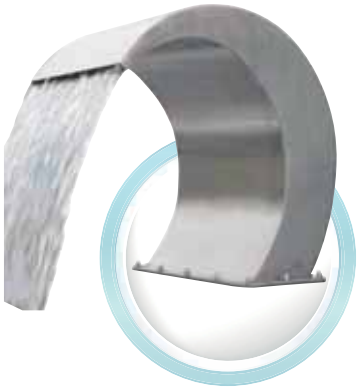
Top view



Front view



Side view



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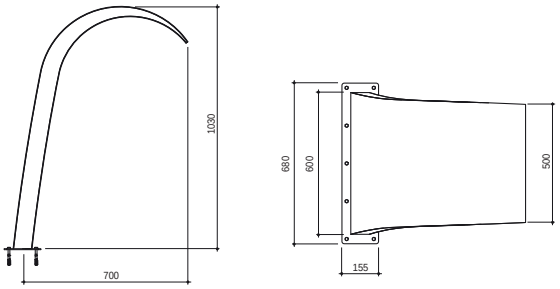
Water Cascade



Arcade - Lux Water Cascade.
Made of AISI 304 grade stainless steel. 2" female thereaded connection. Complete with bolt and plugs.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 500 mm cascade	**11150**	1		
• 600 mm cascade	**11151**	1		

PS: It must be used with a dedicated 3 HP Streamer pump.

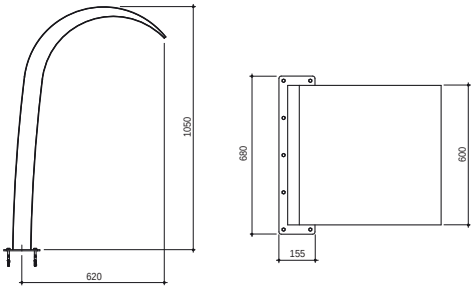


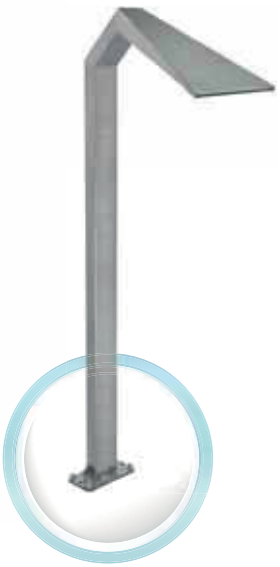


Arcade - Water Cascade.
Made of AISI 304 grade stainless steel. 2" female thereaded connection. Complete with bolt and plugs.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 400 mm cascade	**11160**	1	30,300	
• 600 mm cascade	**11161**	1		

PS: It must be used with a dedicated 3 HP Streamer pump.

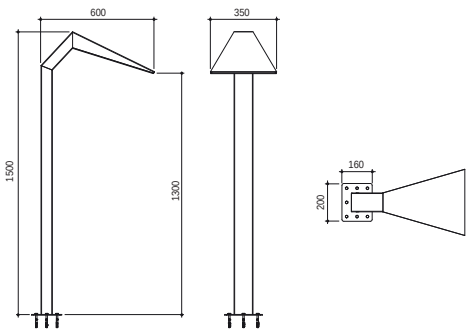




Delta - Water Cascade.
Made of AISI 304 grade stainless steel. 2" female thereaded connection. Complete with bolt and plugs.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
350 mm cascade	**11170**	1	12,400	

PS: It must be used with a dedicated 3 HP Streamer pump.



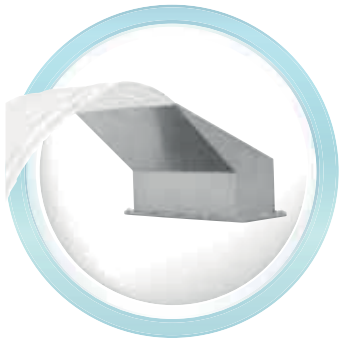
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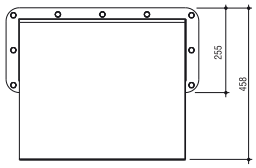
Water Cascade

Floor Waterfall.
Made of AISI 304 grade stainless steel. Connection 2" female threaded.
Complete with bolts and plugs.

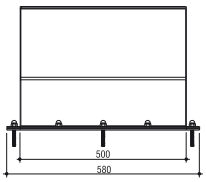
Description	Code	Pieces/ box	Weight Kg	Volume m^3
	11200	1		

PS: It must be used with a dedicated 3 HP Streamer pump.

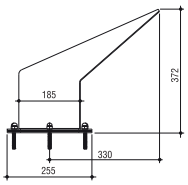




Top view



Front view



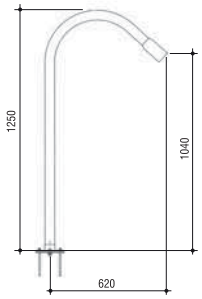
Side view

Water Jet.

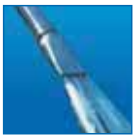
Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø50 body made of AISI 304 grade stainless steel. Exchangeable jet mouth.	**11140**	1		
• Jet No 1	**11141**	1		
• Jet No 2	**11142**	1		
• Jet No 3	**11143**	1		
• Jet No 4	**11144**	1		

PS: It must be used with a dedicated 3 HP Streamer pump.





Side view



Jet No 1



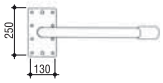
Jet No 2



Jet No 3



Jet No 4



Top view



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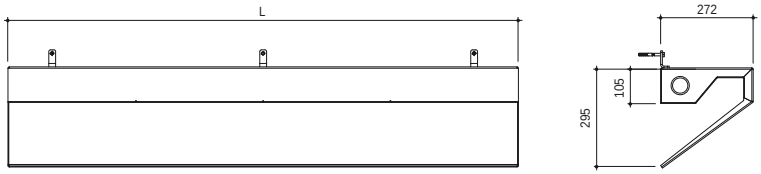
Water Cascade - Wall Type



Wall Waterfall.
Made of AISI 304 grade stainless steel. Connection 2 x 1,5" female threaded.
Complete with bolts and plugs.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• L = 1 m.	**11110**	1		
• L = 1,5 m.	**11111**			

PS: It must be used with a dedicated 1 - 1 1/2 HP Streamer pump.

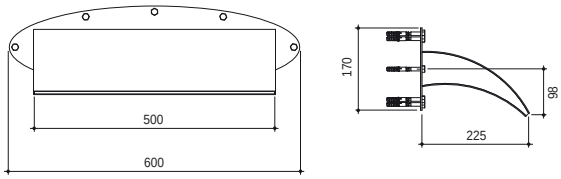




Tortum Water Cascade.
Made of AISI 304 grade stainless steel. Connection 1,5" female threaded.
Complete with bolts and plugs.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• L = 0,3 m.	**11112**	1		
• L = 0,5 m.	**11113**	1		

PS: It must be used with a dedicated 3/4 - 1 HP Streamer pump.

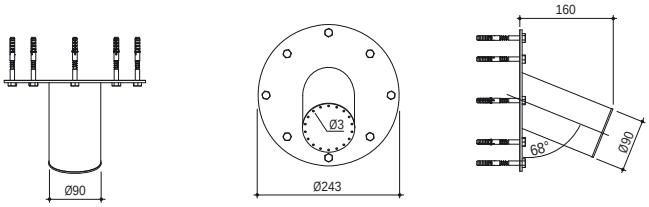




Wall Shower.
Made of AISI 304 grade stainless steel. Connection 1,5" female threaded.
Complete with bolts and plugs. Recommended to be used with 05080 pneumatic button.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	11121	1		

PS: It must be used with a dedicated 0,75 HP Streamer pump.



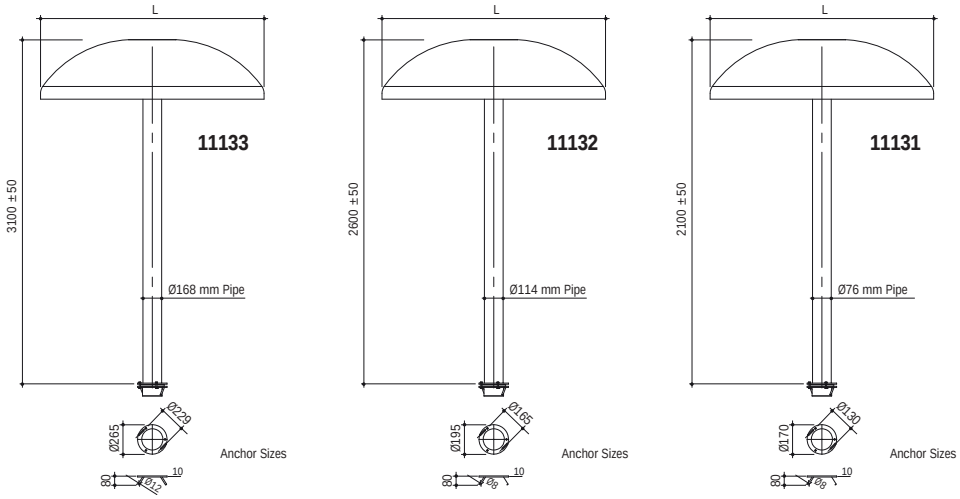
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Water Cascade - Mushroom Type

Mushroom Cascade.
FRP mushroom with AISI 304 grade stainless steel pivot, flanged at both ends.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Mushroom Cascade L = Ø2000 mm:	**11133**	1		
Requires 150 m³/h				
• Mushroom Cascade L = Ø1600 mm:	**11132**	1	53,000	1,190
Requires 80 m³/h				
• Mushroom Cascade L = Ø1000 mm:	**11131**	1		
Requires 40 m³/h				



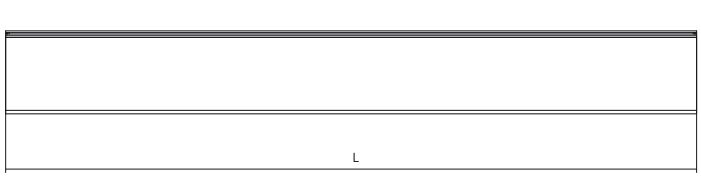
Water Cascade - Wall Type - Stainless Steel

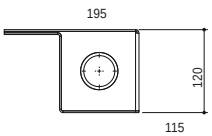
"Pool Waterfall".
Made of AISI 304 grade stainless steel. Connection 2 x 1,5" female threaded.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Model HS01 - L = 0,30 m width	**11180**	1		
• Model HS02 - L = 0,50 m width	**11181**	1		
• Model HS03 - L = 1,00 m width	**11182**	1		
• Model HS04 - L = 1,50 m width	**11183**	1		

PS: Suggested pumps are Streamer Mini 0,33 HP, 0,5 HP, 0,75 HP ve 1 HP respectively.







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Water Cascade - Wall Type - LED



"LED RGB COLORED POOL WATERFALL".
Two models for different water effects. It has a remote control. Revitalizes your pool. It is one of the most beautiful aesthetic properties for pools and SPAs. While creating a water movement in your pool, relaxing water adds elegance and style to your pool and massages your back. It provides vivid colors with its RGB LED unit that can be activated when desired. With a choice between 2 different water cascading models
- Rainfall or Waterfall Arc, offering visual interest, relaxing sound and a unique waterfall view.

Features:
- Two different widths: 25 mm and 150 mm. Suitable for different wall sizes.
- Three different lengths: 600 mm, 900 mm and 1200 mm
- LED strip lighting is powered by external 12V DC, which is safe and reliable.
- LEDs can be operated with a panel or remote control and there are 10 different lighting patterns.

LED Pool Waterfall Control Box
The LED strip is placed in the unit (instead of using fiber optics) the light falls as close as possible to the water. This design provides water illumination falling into a wonderful pool. A selection of 10 pre-programmed LED lighting patterns provide the best lighting options.

There are 2 different models for different water effects:
- PB Series: Standard orbital waterfall effect
- RS Series: Rain effect with transparent orbit

LED Strip Power	Remote Control	Width	Length
12V DC	10 Lighting Patterns	25/150 mm	600/900/1200 mm



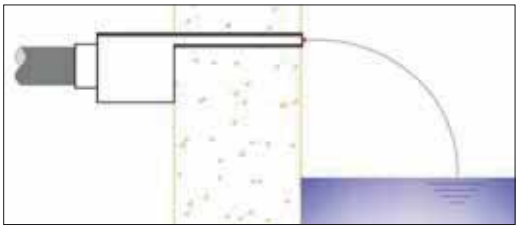
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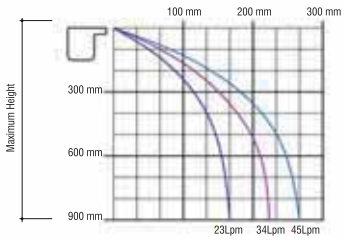
Water Cascade - Wall Type - LED

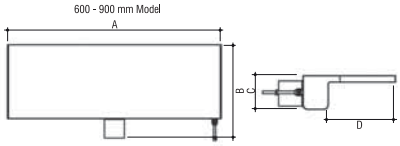
PB Series Pool Waterfall.
Provides excellent water light effect by creating standard continuous waterfall flow.

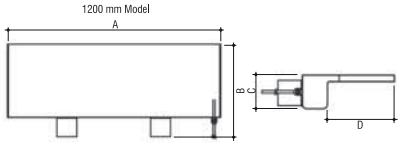


Description	Code	Pieces/ box	Weight Kg	Volume m^3
• PB600-150L	11PB600	1		
• PB900-150L	11PB900	1		
• PB1200-150L	11PB1200	1		





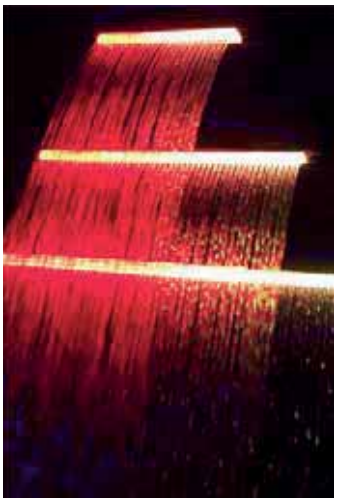




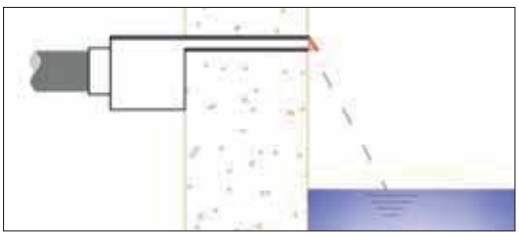
TECHNICAL CHARACTERISTICS

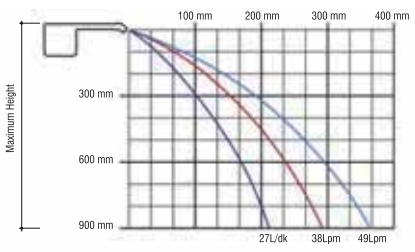
MODEL	A (mm)	B (mm)	C (mm)	D (mm)	Voltage (VDC)	Power (W)
PB600-150L	606	263	76	150	12	8.0
PB900-150L	906	263	76	150	12	12.0
PB1200-150L	1206	263	76	150	12	17.0

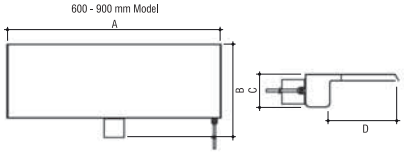
RS Series Pool Waterfall.
Creates a rain-like waterfall flow, providing a perfect water and light effect in your pool.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• RS600-150L	11RS600	1		
• RS900-150L	11RS900	1		







TECHNICAL CHARACTERISTICS

MODEL	A (mm)	B (mm)	C (mm)	D (mm)	Voltage (VDC)	Power (W)
RS600-150L	606	284	78	171	12	8.0
RS900-150L	906	284	78	171	12	12.0

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Inpool Hydro Massage Systems

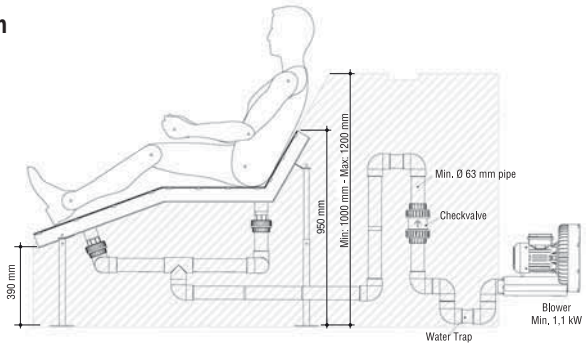


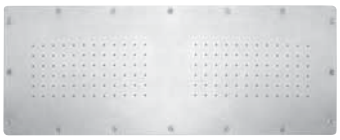
Air Bed.
Made of AISI 304 grade stainless steel. Complete with adjustable legs and PVC piping. Ø63 mm air connection.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Double	**11330**	1		
• Single	**11331**	1		

PS: This product must be used with 2,2 - 1,1 kw blower.

Assembly Diagram

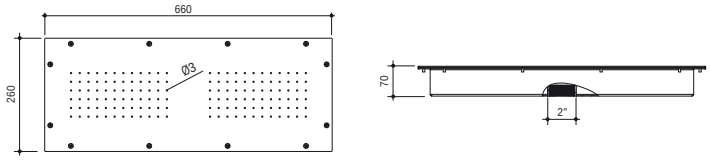




Rectangular Floor Air Jet.
Made of AISI 304 grade stainless steel. Connection 2" female threaded. Complete with bolt and plugs.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
660 x 260 mm	**11340**	1		

PS: This product must be used with 2,2 kw blower.

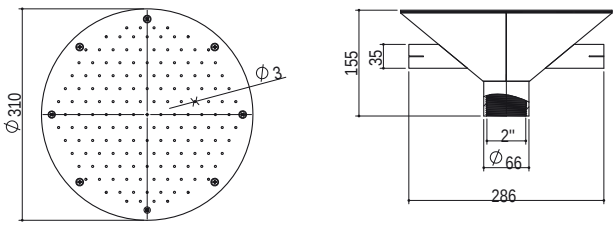




Circular Floor Air Jet.
Made of AISI 304 grade stainless steel. Connection 2" female threaded. Complete with bolt and plugs.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
Ø310 mm dia	**11350**	1		

PS: This product must be used with 1,1 kw blower.



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Counter Current and Massage Systems

STP-SP Counter Current System. Complete with jet pump, pneumatic switch, LED light, valves and fittings. Two seperate air buttons for pump and LED. Completely made of ABS plastic. The suction line is Ø90 mm and the discharge line is Ø75 mm. Thanks to the suction check valve, the air suction line can be installed below the water level. Hand massage is possible with optional massage hose. Complete with a stainless steel handle. For Concrete and Liner Pools.



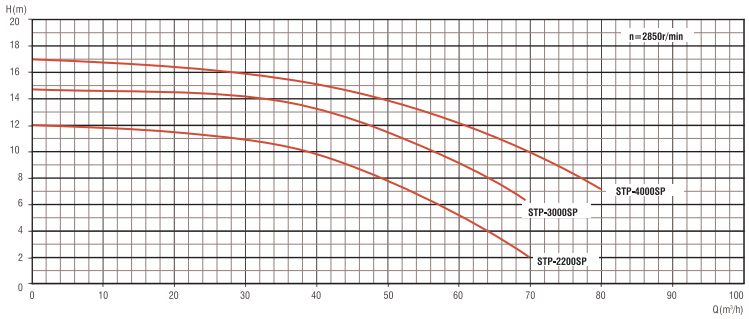
For Concrete and Liner Pools:

Description	Code	Pieces/ box	Weight Kg
• STP-SPM Monophase-with 3,0 HP BTP 0,396	**112270M**	1	
• STP-SPT Triphase-with 3,0 HP BTP	**112271T**	1	
• STP-SPT Triphase-with 4,5 HP BTP	**112272T**	1	
• STP-SPT Triphase-with 5,5 HP BTP	**112273T**	1	
• STP-SP Counter Current System, Niche, front frame set	**1122213**	1	
• Massage Hose Set	**1122211**	1	

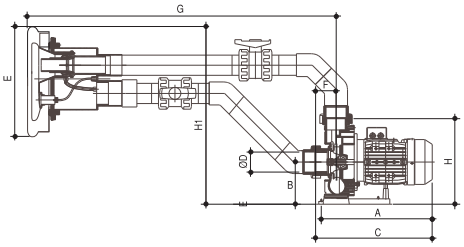


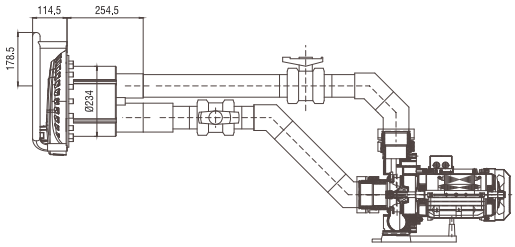


PERFORMANCE CURVES

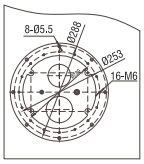


PUMP TYPE	DIMENSIONS									Weight (Kg)
	A	B	C	D	E	F	G	H	H1	
STP-2200	370	156	440	Ø75	395	77	1110	340	635	22
STP-3000	410	156	470	Ø75	395	77	1110	340	635	24
STP-4000	440	156	500	Ø75	395	77	1110	340	635	26

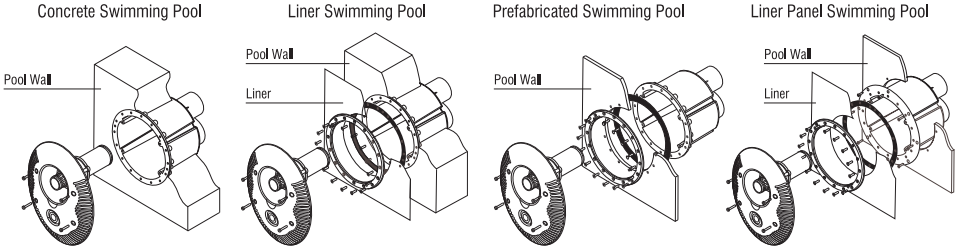








MOUNTING TYPE:



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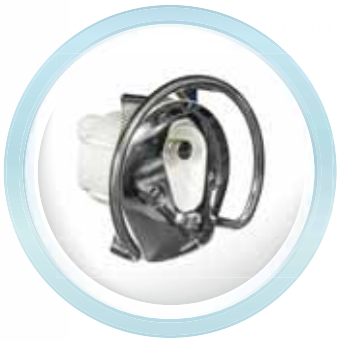
Counter Current and Massage Systems - S. Steel



STP-SS Counter Current System.
Complete with jet pump, pneumatic switch, LED light, valves and fittings. Two seperate air buttons for pump and LED.
Completely made of stainless steel 304 grade. The suction line is Ø90 mm and the discharge line is Ø75 mm. Thanks to the suction check valve, the air suction line can be installed below the water level. Hand massage is possible with optional massage hose. For Concrete and Liner Pools.

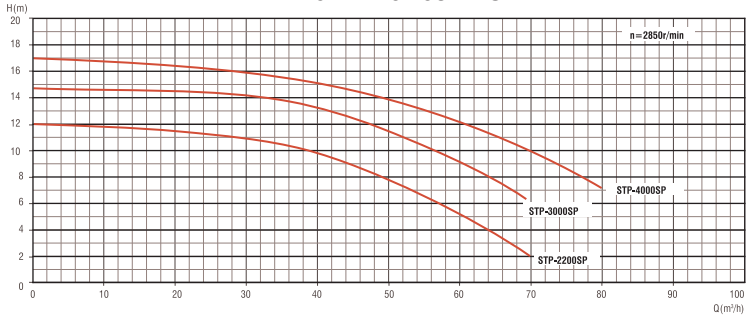
For Concrete and Liner Pools:

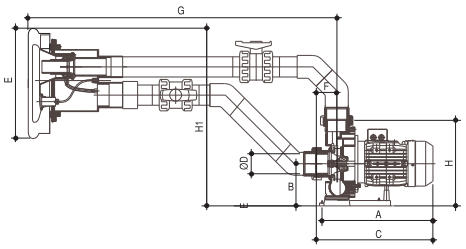
Description	Code	Pieces/ box	Weight Kg
• STP-SSM Monophase-with 3,0 HP BTP	**112270MSS**	1	
• STP-SST Triphase-with 3,0 HP BTP	**112271TSS**	1	
• STP-SST Triphase-with 4,5 HP BTP	**112272TSS**	1	
• STP-SST Triphase-with 5,5 HP BTP	**112273TSS**	1	
• STP-SS Counter Current System, Niche, front frame set		1	
• Massage Hose Set	**1122211**	1	



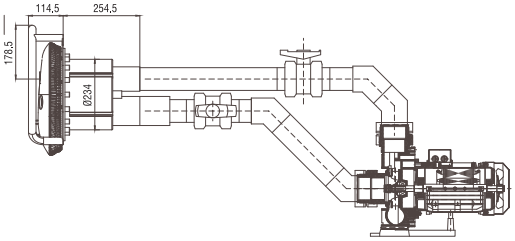


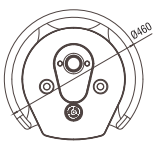
PERFORMANCE CURVES

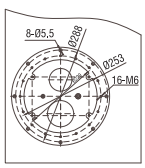




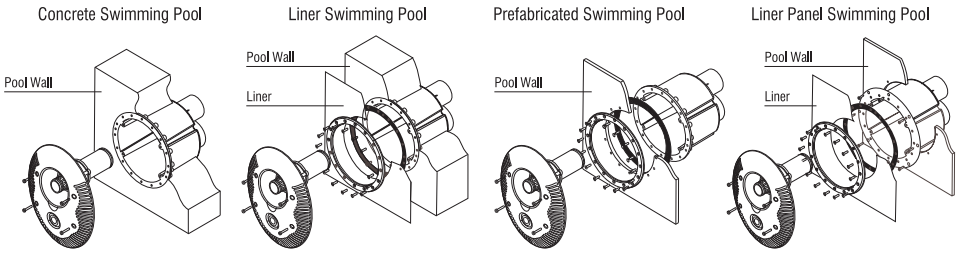
PUMP TYPE	DIMENSIONS									Weight (Kg)
	A	B	C	D	E	F	G	H	H1	
STP-2200	370	156	440	Ø75	395	77	1110	340	635	22
STP-3000	410	156	470	Ø75	395	77	1110	340	635	24
STP-4000	440	156	500	Ø75	395	77	1110	340	635	26







MOUNTING TYPE:



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Counter Current and Massage Systems

GEMAS "ELIPTICAL MODEL" Counter Current System.
Complete with jet pump, pneumatic switch, valves and connection parts. Easy to direct nozzle inside pool. Completely made of ABS plastic. Suction line Ø90 mm, return line Ø75 mm. Air suction line can be established below water level by the help of suction check valve. Possible hand massage with optional massage hose. Optional stainless steel handle. Can be used both for liner and concrete pools.



For Concrete Pools:

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 3,0 HP Monophase-with Pumpex pump	**112221**	1		
• 3,5 HP Monophase-with Fooderjet pump	**112222**	1		
• 3,0 HP Triphase-with Pumpex pump	**112223**	1		
• 3,5 HP Triphase-with Fooderjet pump	**112224**	1		
• 4,5 HP Triphase-with Fooderjet pump	**112225**	1		
• 5,5 HP Triphase-with Fooderjet pump	**112226**	1		



For Liner Pools:

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 3,0 HP Monophase-with Pumpex pump	**112251**	1		
• 3,5 HP Monophase-with Fooderjet pump	**112252**	1		
• 3,0 HP Triphase-with Pumpex pump	**112253**	1		
• 3,5 HP Triphase-with Fooderjet pump	**112254**	1		
• 4,5 HP Triphase-with Fooderjet pump	**112255**	1		
• 5,5 HP Triphase-with Fooderjet pump	**112256**	1		

GEMAS "ELIPTICAL MODEL" Counter Current System.
Niche made of ABS and front frame set.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• For Concrete Pools	**11223**	1		
• For Liner Pools	**11224**	1		

GEMAS "ELIPTICAL MODEL" Counter Current System, Massage Hose Set.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
	1122211	1		

AISI 304 Grade Stainless Steel Handles for GEMAS Counter Current System. Complete with screws and pegs, with flange. Pipe is Ø42 mm.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
Price for 2	**1122212**	1		

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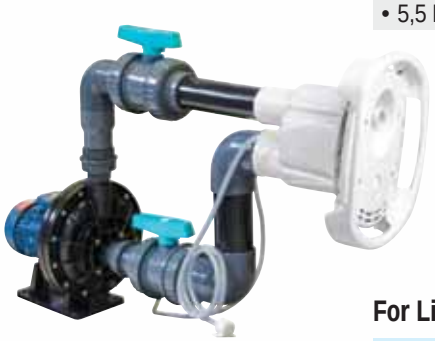
Counter Current and Massage Systems



GEMAS "SQUARE MODEL" Counter Current System.
Complete with jet pump, pneumatic switch, valves and connection parts. Easy to direct nozzle inside pool. Completely made of ABS plastic. Suction line Ø90 mm, return line Ø75 mm. Air suction line can be established below water level by the help of suction check valve. Possible hand massage with optional massage hose. Optional stainless steel handle. Can be used both for liner and concrete pools.

For Concrete Pools:

Description	Code	Pieces/ box	Weight Kg	Volume m³
• 3,0 HP Monophase-with Pumpex pump	**112221K**	1		
• 3,5 HP Monophase-with Fooderjet pump	**112222K**	1		
• 3,0 HP Triphase-with Pumpex pump	**112223K**	1		
• 3,5 HP Triphase-with Fooderjet pump	**112224K**	1		
• 4,5 HP Triphase-with Fooderjet pump	**112225K**	1		
• 5,5 HP Triphase-with Fooderjet pump	**112226K**	1		



For Liner Pools:

Description	Code	Pieces/ box	Weight Kg	Volume m³
• 3,0 HP Monophase-with Pumpex pump	**112251K**	1		
• 3,5 HP Monophase-with Fooderjet pump	**112252K**	1		
• 3,0 HP Triphase-with Pumpex pump	**112253K**	1		
• 3,5 HP Triphase-with Fooderjet pump	**112254K**	1		
• 4,5 HP Triphase-with Fooderjet pump	**112255K**	1		
• 5,5 HP Triphase-with Fooderjet pump	**112256K**	1		



GEMAS "SQUARE MODEL" Counter Current System.
Niche made of ABS and front frame set.

Description	Code	Pieces/ box	Weight Kg	Volume m³
• For Concrete Pools	**11223K**	1		
• For Liner Pools	**11224K**	1		



GEMAS "SQUARE MODEL" Counter Current System, Massage Hose Set.

Description	Code	Pieces/ box	Weight Kg	Volume m³
	1122211	1		

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Inpool Hydro Massage Systems

In-Pool Hydro Massage Bed.
Made of Acrylic + Polyester. Water and air connections are ready to install.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Type 1	**11310**	1	15,000	
• Type 2	**11311**	1		



Type 2



Type 1

In-Pool Hydro Massage Chair.
Made of Acrylic + Polyester. Water and air connections are ready to install.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	11320	1		





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Decorative Wall Nozzles



Small Lionhead,
Antique Copper



Large Lionhead,
Antique Copper



Plain Bowl Waterfall



Plain Bowl Waterfall,
Antique Copper



Slotted Bowl Waterfall,
Antique Copper



Snail Antique Copper



Antique Badge

GEMAS Wall Nozzles. Made of polyester and the surface finish is made with various aging paints. Standart trims are antique copper, antique brass, antique silver and oxide. Special implemetations can be made according to special demands.

Description	Code	Pieces/ box	Weight Kg	Volume m³
• Small Lionhead, Antique Copper	**1122411**	1		
• Large Lionhead, Antique Copper	**1122421**	1		
• Plain Bowl Waterfall, Antique Copper	**1122431**	1		
• Slotted Bowl Waterfall, Antique Copper	**1122241**	1		
• Snail, Antique Copper	**1122251**	1		
• Antique Badge, Antique Copper	**1122261**	1		







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Fiberoptic Star Effect

GEMAS Fiberoptic Star Effect.
Before coating the pool, fiberoptic fibers are inserted on pool floor, extended into engine room and all fibers connected to RGB light source. In this way, RGB or single colored star effect is created on the pool floor.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	1122711			









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Poyrazlux - Winter Cover





Pool Cover. Made of PVC. Peripheral reinforcement of 5 cm. Laterals at each 1 m of the periphery are used to stretch the cover over pool surface by means of stainless steel springs attached to special bronze retractable anchors. Drain holes are available at the center to discharge the rain water. Complete with springs and retractable anchors.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Rectangular shape, price per square meter	**12110**			
• Irregular shape, price per square meter	**12111**			
• Free form cover, price per square meter	**12112**			
• Special cut for pool ladder or other special forms, price per cut	**12117**			

PS. Pool dimensions should be increased by 1,20 m for overflow pools; whereas by 0,6 m for skimmer pools.

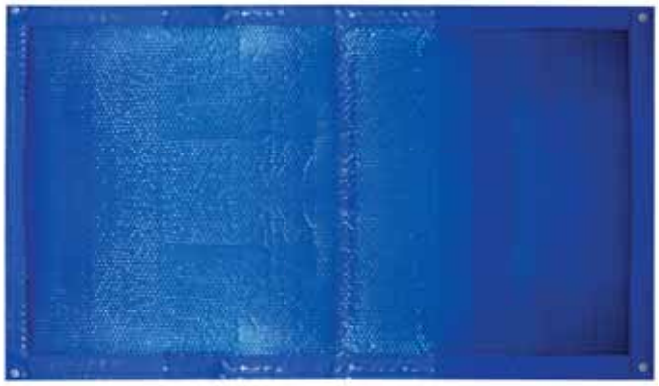
Solar Cover - Heat Saving

Solar Pool Cover. Provides a limited amount of solar heating and saves energy by minimizing the surface heat loss. Decreases the humidity 50% at indoor pools. Recommended to be used with cover reel.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
Solar Cover, in roll per m^2	**1211101**			
Width: 2 m. (Welded price is double).				

PS. Please ask for prices of Solar Covers in special shape.





Cover Accessories





Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Retractable anchor	**121101**	1	0,062	
• Dynamometric Spring. AISI 304 grade stainless steel	**121102**	1	0,144	
• Manuel Vacuum Pump. Used for discharge of rain water on the cover.	**12114**	1		

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Motorized Pool Cover

COVERTEC Pool Cover.
Blue PVC 650 gr/m². Reinforced with aluminium bars placed with 1,2 m - 1,4 m intervals. With the help of portable rechargeable-reductor 24 V motor, the pool cover is opened or collected easily and quickly. Safe for children and pets. For windy enviroments, fixation is provided by side reinforcements. For irregular-shaped swimming pools, the cover needs to be rectangular form. There should be 25 cm margin for short edges and 50 cm margin for long edge.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 3 x 6 m Pool	**12210**	1		
• 4 x 8 m Pool	**12211**	1		
• 5 x 10 m Pool	**12212**	1		
• 6 x 12 m Pool	**12213**	1		



All Pool Covers Have Below Specifications

- Strong resistance to UV lights from the Sun. Preserves its aero-elastic structure under bad weather conditions.
- Can be easily clean due to dirt-proof LAQUER coating.
- Anti Fungal
- Anti Bacterial
- Not affected negatively by pool chemicals









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Motorized Pool Cover



Automatic PVC Slatted Pool Cover. Made of PVC profiles, 24 V Above-groun motor. It weights a person walking above and does not sink. With the help of safety straps, the cover can be fixed manually to pool deck. It's suitable for new and existing pools. For remote control option please ask for price.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 3 x 6 m Pool - White	**12220**			
• 4 x 8 m Pool - White	**12221**			
• 5 x 10 m Pool - White	**12222**			
• 6 x 12 m Pool - White	**12223**			
• 3 x 6 m Pool - Solar Blue	**12224**			
• 4 x 8 m Pool - Solar Blue	**12225**			
• 5 x 10 m Pool - Solar Blue	**12226**			
• 6 x 12 m Pool - Solar Blue	**12227**			

PS. This is a no-stock item. Produced according to order.







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Cover Reels

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Cover Reel. Made of	**12113**	1	6,100	0,047
ABS plastic with cover tie set. w/o Bar				
• Ditto, made of	**12115**	1		
stainless steel with cover tie set (excluding bar)				
• 3 x 2 m Aluminium	**121131**	1	6,394	0,039
Telescopic Cover Bar.				

PS. Please ask quotation for "telescopic cover bar"



12115



121131



12113

Pool Ice Barrier

Pool Ice Barrier. Made of Plastic. 49 x 24 cm size floating barrier is arrayed all around the pool perimeter. Protects the pool coating by absorbing the expansion of freezing at very low atmospheric temperature.

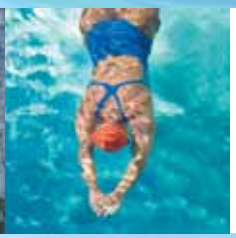
Description	Code	Pieces/ box	Weight Kg	Volume m^3
Ice Barrier	**1297105**	1		





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13	Valves, Unions and Fittings	2
14	Olympic Pool Accessories	

Ball Valves





Product Video

Ball Valve UPVC Solvent Cement

Body made of UPVC. Handle made of ABS. Separete name plate OEM efficiency. HDPE seats. O-rings EPDM. Patented union-screwing by means of handle.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 20	131111L	35	23,050	0,094
• 25	131112L	35	27,160	0,094
• 32	131113L	20	7,900	0,017
• 40	131114L	12	7,800	0,017
• 50	131115L	12	23,050	0,094
• 63	131116L	6	27,160	0,094
• 75	131117L	2	7,900	0,017
• 90	131118L	2	7,800	0,017
• 110	131119L	1		



Ball Valve UPVC Solvent Cement x Female Threaded

Body made of UPVC. Handle made of ABS. Separete name plate OEM efficiency. HDPE seats. O-rings EPDM. Patented union-screwing by means of handle. One side BSP threaded.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 20	131111LT1	35	4,620	0,013
• 25	131112LT1	35	7,542	0,021
• 32	131113LT1	20	3,680	0,016
• 40	131114LT1	12	3,660	0,016
• 50	131115LT1	12	6,240	0,018
• 63	131116LT1	6	4,620	0,013
• 75	131117LT1	2	7,542	0,021
• 90	131118LT1	2	3,680	0,016
• 110	131119LT1	1	3,660	0,016



Ball Valve UPVC Female Threaded x Female Threaded

Body made of UPVC. Handle made of ABS. Separete name plate OEM efficiency. HDPE seats. O-rings EPDM. Patented union-screwing by means of handle. Two sides BSP threaded.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• ½"	131111LT	35	23,050	0,094
• ¾"	131112LT	35	27,160	0,094
• 1	131113LT	20	7,900	0,017
• 1¼"	131114LT	12	7,800	0,017
• 1½"	131115LT	12	23,050	0,094
• 2"	131116LT	6	27,160	0,094
• 2½	131117LT	2	7,900	0,017
• 3"	131118LT	2	7,800	0,017
• 4"	131119LT	1		

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Industrial Ball Valves

Industrial Ball UPVC Valve for Acids Solvent Cement

Body made of UPVC. Handle made of ABS. For highly corrasive acids; Seats from PTFE. O-rings FPM.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 20	131121L	35	23,050	0,094
• 25	131122L	35	27,160	0,094
• 32	131123L	20	7,900	0,017
• 40	131124L	12	7,800	0,017
• 50	131125L	12	23,050	0,094
• 63	131126L	6	27,160	0,094
• 75	131127L	2	7,900	0,017
• 90	131128L	2	7,800	0,017
• 110	131129L	1		



PS: PTFE seats & EPDM O-ring versions are optional (for weaker acid solutions).

Industrial Ball UPVC Valve for Acids Solvent Cement x Female Threaded

One side BSP Standard threads. Body made of UPVC. Handle made of ABS. For highly corrasive acids; Seats from PTFE. O-rings FPM.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 20	131121LT1	35	4,620	0,013
• 25	131122LT1	35	7,542	0,021
• 32	131123LT1	20	3,680	0,016
• 40	131124LT1	12	3,660	0,016
• 50	131125LT1	12	6,240	0,018
• 63	131126LT1	6	4,620	0,013
• 75	131127LT1	2	7,542	0,021
• 90	131128LT1	2	3,680	0,016
• 110	131129LT1	1	3,660	0,016



PS: PTFE seats & EPDM O-ring versions are optional (for weaker acid solutions).

Industrial Ball UPVC Valve for Acids Female Threaded x Female Threaded

Two sides BSP Standard threads. Body made of UPVC. Handle made of ABS. For highly corrasive acids; Seats from PTFE. O-rings FPM.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• ½"	131121LT	35	23,050	0,094
• ¾"	131122LT	35	27,160	0,094
• 1	131123LT	20	7,900	0,017
• 1¼"	131124LT	12	7,800	0,017
• 1½"	131125LT	12	23,050	0,094
• 2"	131126LT	6	27,160	0,094
• 2½	131127LT	2	7,900	0,017
• 3"	131128LT	2	7,800	0,017
• 4"	131129LT	1		



PS: PTFE seats & EPDM O-ring versions are optional (for weaker acid solutions).

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Ball Valves



Single Union Ball Valve - Solvent Cement

Body made of UPVC. Handle made of ABS. Separete name plate for OEM efficiency. Seats from HDPE, O-rings EPDM. Adjustable ball pressure. Patented union-screwing by means of handle.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 25	131412	35	23,050	0,094
• 32	131413	20	27,160	0,094
• 40	131414	12	7,900	0,017
• 50	131415	12	7,800	0,017
• 63	131416	6	23,050	0,094
• 75	131417	2	27,160	0,094
• 90	131418	2	7,900	0,017



Single Union Ball Valve - Solvent Cement x Female Threaded

Body made of UPVC. Handle made of ABS. Separete name plate for OEM efficiency. Seats from HDPE, O-rings EPDM. Adjustable ball pressure. Patented union-screwing by means of handle. Fixed side BSP female threaded.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 25	131412T1	35	23,050	0,094
• 32	131413T1	20	27,160	0,094
• 40	131414T1	12	7,900	0,017
• 50	131415T1	12	7,800	0,017
• 63	131416T1	6	23,050	0,094
• 75	131417T1	2	27,160	0,094
• 90	131418T1	2	7,900	0,017



Single Union Ball Valve - Female Threaded x Female Threaded

Body made of UPVC. Handle made of ABS. Separete name plate for OEM efficiency. Seats from HDPE, O-rings EPDM. Adjustable ball pressure. Patented union-screwing by means of handle. Fixed side BSP female threaded.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• ¾"	131412T	35	23,050	0,094
• 1	131413T	20	27,160	0,094
• 1¼"	131414T	12	7,900	0,017
• 1½"	131415T	12	7,800	0,017
• 2"	131416T	6	23,050	0,094
• 2½	131417T	2	27,160	0,094
• 3"	131418T	2	7,900	0,017

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Ball Valves

Single Union Ball Valve - Solvent Cement x Male Threaded
Body made of UPVC. Handle made of ABS. Separete name plate for OEM efficiency. Seats from HDPE, O-rings EPDM. Adjustable ball pressure. Patented union-screwing by means of handle. Fixed side BSP female threaded.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 25	131412T2	35	23,050	0,094
• 32	131413T2	20	27,160	0,094
• 40	131414T2	12	7,900	0,017
• 50	131415T2	12	7,800	0,017
• 63	131416T2	6	23,050	0,094
• 75	131417T2	2	27,160	0,094
• 90	131418T2	2	7,900	0,017

Single Union Ball Valve - Female Threaded x Male Threaded
Body made of UPVC. Handle made of ABS. Separete name plate for OEM efficiency. Seats from HDPE, O-rings EPDM. Adjustable ball pressure. Patented union-screwing by means of handle. Fixed side BSP female threaded.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• ¾"	131412T3	35	23,050	0,094
• 1	131413T3	20	27,160	0,094
• 1¼"	131414T3	12	7,900	0,017
• 1½"	131415T3	12	7,800	0,017
• 2"	131416T3	6	23,050	0,094
• 2½	131417T3	2	27,160	0,094
• 3"	131418T3	2	7,900	0,017

Three Way Disc Valve

Body made of UPVC. Disc made of GFPP. L disc structure. Suitable to divert water for suction lines, bypass lines in swimming pool applications.



13172G

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 50 mm	13171	1	1,602	0,008
• Ø 63 mm	131172G	1	1,876	0,008

Two Way Disc Valve

Body made of UPVC. Disc made of GFPP. Suitable to be used as an alternative for UPVC ball valve. Low pressure loss compared some size of ball valve.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 63 mm	131173G	1	1,602	0,008

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UPVC Actuated Ball Valves



Ø50 - Ø63 mm optional wifi controlled

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø50 mm	131115LGA	1	1,602	0,008
• Ø63 mm	131116LGA	1	1,876	0,008

Valve Box



Body and lid made of high grade GFPP

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 250 mm, round(10")	135601	1		
• 250 x 375 mm, prismatic (12")	135602	1		

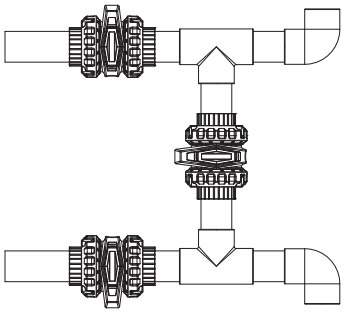
Mini Valve PP



Body made of high grade GFPP. Handle made of ABS. High chemical, UV and temperature resistance compared to UPVC.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 1" x 0,75 Female Threaded - Male Threaded	131210	100	19,600	0,055
• 0,75 Female Threaded - Male Threaded	131211	100	18,700	0,055
• 1" Female Threaded - Male Threaded	131212	100	20,800	0,055
• 1" x 0,75 Female Threaded - Female Threaded	131210D	100	19,200	0,055
• 0,75 Female Threaded - Female Threaded	131211D	100	18,400	0,055
• 1" Female Threaded - Female Threaded	131212D	100	21,050	0,055

UPVC By-Pass Kit



Easy mount valve and fittings kit for installation of BY-Pass lines to auxilary equipment such as heat pumps, salt chlorinators, UV strelizers etc. Complete with 125 ml UPVC glue and 100 ml cleaner.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• KIT BY-PASS DIAMETER 50 mm	13543BP			
Valve (3x), Tee (2x), Elbow (2x),				
UPVC Tube, UPVC Glue 125ml (1x) and				
Cleaner 100ml (1x)				
• KIT BY-PASS DIAMETER 63 mm	13547BP			
Valve (3x), Tee (2x), Elbow (2x),				
UPVC Tube, UPVC Glue 125ml (1x) and				
Cleaner 100ml (1x)				





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Check Valves - Spring Weighed Check Valves

Spring Weighed Check Valves

In UPVC or ABS. EPDM O-rings. AISI 316 grade spring. PN16.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 50 mm	131315	6	4,330	0,013
• Ø 63 mm	131316	6	5,810	0,022
• Ø 75 mm	131317	2	3,920	0,016
• Ø 90 mm	131318	2	3,780	0,016
• Ø 50 mm - Transparent	131315PC	6	4,330	0,013
• Ø 63 mm - Transparent	131316PC	6	5,800	0,022
• Ø 75 mm - Transparent	131317PC	2	3,920	0,016
• Ø 90 mm - Transparent	131318PC	2	3,780	0,016





Spring Check Valve

Solvent Cement x Female Threaded

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 50 mm	131315T1	6	4,330	0,013
• Ø 63 mm	131316T1	6	5,810	0,022
• Ø 75 mm	131317T1	2	3,920	0,016
• Ø 90 mm	131318T1	2	3,780	0,016
• Ø 50 mm - Transparent	131315PCT1	6	4,330	0,013
• Ø 63 mm - Transparent	131316PCT1	6	5,800	0,022
• Ø 75 mm - Transparent	131317PCT1	2	3,920	0,016
• Ø 90 mm - Transparent	131318PCT1	2	3,780	0,016





Spring Check Valve

Female Threaded x Female Threaded

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 40 mm	131315T	6	4,330	0,013
• Ø 50 mm	131316T	6	5,810	0,022
• Ø 65 mm	131317T	2	3,920	0,016
• Ø 80 mm	131318T	2	3,780	0,016
• Ø 40 mm - Transparent	131315PCT	6	4,330	0,013
• Ø 50 mm - Transparent	131316PCT	6	5,800	0,022
• Ø 65 mm - Transparent	131317PCT	2	3,920	0,016
• Ø 80 mm - Transparent	131318PCT	2	3,780	0,016





Ball Check Valve

Solvent Cement

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 20 mm	131350	35		
• Ø 25 mm	131351	35		
• Ø 32 mm	131352	20		
• Ø 40 mm	131353	12		
• Ø 50 mm	131354	6		
• Ø 63 mm	131355	6		



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Check Valves - Wafer Check Valves

Wafer Check Valve



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 90 mm	131530	1	3,620	0,124
• Ø 110 mm	131531	1	4,250	0,124
• Ø 125 mm	131532	1	5,080	0,124
• Ø 140 mm	131533	1	5,360	0,124
• Ø 160 mm	131534	1	7,400	0,124
• Ø 200 mm	131535	1	10,050	0,124
• Ø 225 mm	131536	1	10,150	0,124
• Ø 250 mm	131537	1	20,600	0,124
• Ø 280 mm	131538	1	21,500	0,124
• Ø 315 mm	131539	1	25,650	0,124

Swing Check Valve Solvent Cement



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 50 mm Yap›şt›rmal›	131499Y	6	24,200	0,124
• Ø 63 mm Yap›şt›rmal›	131500Y	6	20,000	0,124
• Ø 75 mm Yap›şt›rmal›	131501Y	2	17,000	0,124
• Ø 90 mm Yap›şt›rmal›	131502Y	2	17,850	0,124
• Ø 110 mm Yap›şt›rmal›	131503Y	1	19,000	0,124

Wafer Check Valve Complete with Flange Set



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 90 mm	131502	1	3,620	0,124
• Ø 110 mm	131503	1	4,250	0,124
• Ø 125 mm	131504	1	5,080	0,124
• Ø 140 mm	131505	1	5,360	0,124
• Ø 160 mm	131506	1	7,400	0,124
• Ø 200 mm	131507	1	10,050	0,124
• Ø 225 mm	131508	1	10,150	0,124
• Ø 250 mm	131509	1	20,600	0,124
• Ø 280 mm	131510	1	21,500	0,124
• Ø 315 mm	131511	1	25,650	0,124

NEW !



UPVC Swing Check Valve W/Transparent Cover and Spring

Easy cleaning access via the threaded cover. Thanks to its transparent cover and large chamber, any type of congestion problem can be easily observed. DN50.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
Ø 63 mm Solvent Cement	131500G	6		

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Butterfly Valve

GEMAS UPVC Butterfly Valves

Handle made of ABS, Lining From EPDM. Stem from Zinc Plated Carbon Steel. AISI 316 Stem is optional. Valve can be adjusted by 3,75 degree sensitivity. Hole for Security Padlock. Complete with flanges bolts and nuts.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 63 mm (NEW)	131620	10	2,470	0,094
• Ø 75 mm (NEW)	131621	10	3,250	0,094
• Ø 90 mm (NEW)	131622	8	5,270	0,124
• Ø 110 mm	131623	5	6,530	0,124
• Ø 125 mm	131624	4	8,770	0,124
• Ø 140 mm	131625	4	9,100	0,124
• Ø 160 mm	131626	3	12,100	0,124
• Ø 200 mm (NEW)	131627	3	17,300	0,124
• Ø 225 mm (NEW)	131628	1	17,800	0,124
• Ø 250 mm	131629	1	36,200	0,124
• Ø 280 mm	131630	1	40,100	0,124
• Ø 315 mm	131631	1	46,100	0,124



Product Video

GEMAS UPVC Butterfly Flanged Valves

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 63 mm (NEW)	131600	1	2,470	0,094
• Ø 75 mm (NEW)	131601	1	3,250	0,094
• Ø 90 mm (NEW)	131602	1	5,270	0,124
• Ø 110 mm	131603	1	6,530	0,124
• Ø 125 mm	131604	1	8,770	0,124
• Ø 140 mm	131605	1	9,100	0,124
• Ø 160 mm	131606	1	12,100	0,124
• Ø 200 mm (NEW)	131607	1	17,300	0,124
• Ø 225 mm (NEW)	131608	1	17,800	0,124
• Ø 250 mm	131609	1	36,200	0,124
• Ø 280 mm	131610	1	40,100	0,124
• Ø 315 mm	131611	1	46,100	0,124



Complete with Flange Set

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UPVC Actuator Ball Valve



Actuator Mountable Ball Valve - Solvent Cement

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 20 mm	131111LA	1		
• Ø 25 mm	131112LA	1		
• Ø 32 mm	131113LA	1		
• Ø 40 mm	131114LA	1		
• Ø 50 mm	131115LA	1		
• Ø 63 mm	131116LA	1		
• Ø 75 mm	131117LA	1		
• Ø 90 mm	131118LA	1		
• Ø 110 mm	131119LA	1		



Actuator Mountable Ball Valve - Solvent Cement x Female Threaded

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 20 mm	131111LAT1	1		
• Ø 25 mm	131112LAT1	1		
• Ø 32 mm	131113LAT1	1		
• Ø 40 mm	131114LAT1	1		
• Ø 50 mm	131115LAT1	1		
• Ø 63 mm	131116LAT1	1		
• Ø 75 mm	131117LAT1	1		
• Ø 90 mm	131118LAT1	1		
• Ø 110 mm	131119LAT1	1		



Actuator Mountable Ball Valve - Female Threaded x Female Threaded

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• ½"	131111LAT	1		
• ¾"	131112LAT	1		
• 1"	131113LAT	1		
• 1¼"	131114LAT	1		
• 1½"	131115LAT	1		
• 2"	131116LAT	1		
• 2½"	131117LAT	1		
• 3"	131118LAT	1		
• 4"	131119LAT	1		

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UPVC Actuator Ball Valve

Electric Actuated Ball Valve - Solvent Cement - 24V DC ON/OFF

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 20 mm	131111LEA	1		
• Ø 25 mm	131112LEA	1		
• Ø 32 mm	131113LEA	1		
• Ø 40 mm	131114LEA	1		
• Ø 50 mm	131115LEA	1		
• Ø 63 mm	131116LEA	1		
• Ø 75 mm	131117LEA	1		
• Ø 90 mm	131118LEA	1		
• Ø 110 mm	131119LEA	1		



Electric Actuated Ball Valve - Solvent Cement x Female Threaded - 24V DC ON/OFF

NEW !

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 20 mm	131111LEAT1	1		
• Ø 25 mm	131112LEAT1	1		
• Ø 32 mm	131113LEAT1	1		
• Ø 40 mm	131114LEAT1	1		
• Ø 50 mm	131115LEAT1	1		
• Ø 63 mm	131116LEAT1	1		
• Ø 75 mm	131117LEAT1	1		
• Ø 90 mm	131118LEAT1	1		
• Ø 110 mm	131119LEAT1	1		



Electric Actuated Ball Valve - Female Threaded x Female Threaded - 24V DC ON/OFF

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• ½"	131111LEAT	1		
• ¾"	131112LEAT	1		
• 1"	131113LEAT	1		
• 1¼"	131114LEAT	1		
• 1½"	131115LEAT	1		
• 2"	131116LEAT	1		
• 2½"	131117LEAT	1		
• 3"	131118LEAT	1		
• 4"	131119LEAT	1		



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UPVC Pneumatic Actuated Ball Valve



Pneumatic Actuated Ball Valve - Solvent Cement - Single Acting

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 20 mm	131111LPA1	1		
• Ø 25 mm	131112LPA1	1		
• Ø 32 mm	131113LPA1	1		
• Ø 40 mm	131114LPA1	1		
• Ø 50 mm	131115LPA1	1		
• Ø 63 mm	131116LPA1	1		
• Ø 75 mm	131117LPA1	1		
• Ø 90 mm	131118LPA1	1		
• Ø 110 mm	131119LPA1	1		

NEW !



Pneumatic Actuated Ball Valve - Solvent Cement x Female Threaded - Single Acting

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 20 mm	131111LPA1T1	1		
• Ø 25 mm	131112LPA1T1	1		
• Ø 32 mm	131113LPA1T1	1		
• Ø 40 mm	131114LPA1T1	1		
• Ø 50 mm	131115LPA1T1	1		
• Ø 63 mm	131116LPA1T1	1		
• Ø 75 mm	131117LPA1T1	1		
• Ø 90 mm	131118LPA1T1	1		
• Ø 110 mm	131119LPA1T1	1		



Pneumatic Actuated Ball Valve - Female Threaded x Female Threaded - Single Acting

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• ½"	131111LPA1T	1		
• ¾"	131112LPA1T	1		
• 1"	131113LPA1T	1		
• 1¼"	131114LPA1T	1		
• 1½"	131115LPA1T	1		
• 2"	131116LPA1T	1		
• 2½"	131117LPA1T	1		
• 3"	131118LPA1T	1		
• 4"	131119LPA1T	1		



Clamp

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 50 mm	13902	17		
• Ø 63 mm	13903	17		

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UPVC Actuated Butterfly Valves

Electric Actuated Butterfly Valve - without Flange Set - 24 VDC ON/OFF

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 63 mm	131620M11	1		
• Ø 75 mm	131621M11	1		
• Ø 90 mm	131622M11	1		
• Ø 110 mm	131623M11	1		
• Ø 125 mm	131624M11	1		
• Ø 140 mm	131625M11	1		
• Ø 160 mm	131626M11	1		
• Ø 200 mm	131627M11	1		
• Ø 225 mm	131628M11	1		



Electric Actuated Butterfly Valve - Complete Flange Set - 24 VDC ON/OFF

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 63 mm	131600M11	1		
• Ø 75 mm	131601M11	1		
• Ø 90 mm	131602M11	1		
• Ø 110 mm	131603M11	1		
• Ø 125 mm	131604M11	1		
• Ø 140 mm	131605M11	1		
• Ø 160 mm	131606M11	1		
• Ø 200 mm	131607M11	1		
• Ø 225 mm	131608M11	1		



Pneumatic Actuated Butterfly Valve - Single Acting - without Flange Set

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 63 mm	131620PA	1		
• Ø 75 mm	131621PA	1		
• Ø 90 mm	131622PA	1		
• Ø 110 mm	131623PA	1		
• Ø 125 mm	131624PA	1		
• Ø 140 mm	131625PA	1		
• Ø 160 mm	131626PA	1		
• Ø 200 mm	131627PA	1		
• Ø 225 mm	131628PA	1		



Pneumatic Actuated Butterfly Valve - Single Acting - Complete with Flange Set

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 63 mm	131600PA	1		
• Ø 75 mm	131601PA	1		
• Ø 90 mm	131602PA	1		
• Ø 110 mm	131603PA	1		
• Ø 125 mm	131604PA	1		
• Ø 140 mm	131605PA	1		
• Ø 160 mm	131606PA	1		
• Ø 200 mm	131607PA	1		
• Ø 225 mm	131608PA	1		



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UPVC Solvent Cement Fittings

Elbow 90°



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 20 mm	133101	250	4,000	0,021
• Ø 25 mm	133102	500	5,500	0,021
• Ø 32 mm	133103	250	17,500	0,094
• Ø 40 mm	133104	144	3,400	0,021
• Ø 50 mm (YEN‹)	133105	180	25,380	0,034
• Ø 63 mm(YEN‹)	133106	100	20,700	0,034
• Ø 75 mm	133107	80	24,400	0,124
• Ø 90 mm	133108	50	25,800	0,124
• Ø 110 mm	133109	30	23,800	0,124
• Ø 125 mm	133110	16	15,600	0,124
• Ø 140 mm	133111	12	15,400	0,124
• Ø 160 mm	133112	8	18,300	0,124
• Ø 200 mm	133113	4	14,660	0,124
• Ø 225 mm	133114	3	13,300	0,124
• Ø 250 mm (YEN‹)	133115	1	7,710	0,094
• Ø 280 mm	133116	1	9,800	0,124
• Ø 315 mm	133117	1	14,440	0,124
• Ø 355 mm	133118	1		
• Ø 400 mm	133119	1		

Elbow 45°



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 20 mm	133201	600	3.400	0,021
• Ø 25 mm	133202	500	3,400	0,021
• Ø 32 mm	133203	320	4,200	0,021
• Ø 40 mm	133204	150	4,200	0,021
• Ø 50 mm	133205	225	24,070	0,940
• Ø 63 mm	133206	120	19,800	0,940
• Ø 75 mm	133207	100	24,180	0,124
• Ø 90 mm	133208	50	18,080	0,124
• Ø 110 mm	133209	30	17,120	0,124
• Ø 125 mm	133210	18	14,340	0,124
• Ø 140 mm	133211	15	16,380	0,124
• Ø 160 mm	133212	9	16,400	0,124
• Ø 200 mm	133213	4	14,300	0,124
• Ø 225 mm	133214	4	15,260	0,124
• Ø 250 mm	133215	1	6,100	0,124
• Ø 280 mm	133216	1	8,980	0,124
• Ø 315 mm	133217	1	10,880	0,124
• Ø 355 mm	133218	1		
• Ø 400 mm	133219	1		

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UPVC Solvent Cement Fittings

Tee

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 20 mm	133301	150	3,240	0,021
• Ø 25 mm	133302	150	4,420	0,021
• Ø 32 mm	133303	100	5,380	0,021
• Ø 40 mm	133304	50	4,180	0,021
• Ø 50 mm (YEN‹)	133305	115	20,580	0,940
• Ø 63 mm (YEN‹)	133306	75	20,010	0,940
• Ø 75 mm	133307	50	20,800	0,124
• Ø 90 mm	133308	30	21,780	0,124
• Ø 110 mm	133309	20	20,820	0,124
• Ø 125 mm	133310	11	14,700	0,124
• Ø 140 mm	133311	8	15,140	0,124
• Ø 160 mm	133312	5	15,060	0,124
• Ø 200 mm	133313	3	14,160	0,124
• Ø 225 mm	133314	2	13,800	0,124
• Ø 250 mm	133315	1	10,500	0,094
• Ø 280 mm	133316	1	12,200	0,124
• Ø 315 mm	133317	1	18,760	0,124
• Ø 355 mm	133318	1		
• Ø 400 mm	133319	1		



Socket

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 20 mm	133821	500	7,000	0,021
• Ø 25 mm	133822	500	10,500	0,021
• Ø 32 mm	133823	300	10,650	0,021
• Ø 40 mm	133824	250	15,500	0,021
• Ø 50 mm	133805	150	13,100	0,049
• Ø 63 mm	133806	90	13,400	0,049
• Ø 75 mm	133807	96	22,300	0,094
• Ø 90 mm	133808	60	22,540	0,094
• Ø 110 mm	133809	36	21,480	0,094
• Ø 125 mm	133804	24	14,340	0,094
• Ø 140 mm	133803	15	14,380	0,094
• Ø 160 mm	133802	12	16,660	0,094
• Ø 200 mm	133810	5	11,320	0,094
• Ø 225 mm	133811	3	10,220	0,094
• Ø 250 mm	133812	2	8,910	0,124
• Ø 280 mm	133813	1	6,120	0,124
• Ø 315 mm	133814	1	7,100	0,124
• Ø 355 mm	133815	1		
• Ø 400 mm	133828	1		



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UPVC Solvent Cement Fittings

Reducing Socket



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 25-20	133602	250		
• 32-20	133619	1000		
• 32-25	133604	1000		
• 40-20	133577	600		
• 40-32	133603	600	16,800	0,094
• 50-32	133601	250	16,100	0,049
• 50-40	1336095	250	12,400	0,049
• 63-32	1336053	200	12,496	0,049
• 63-40	1336052	200	12,912	0,049
• 63-50	133605	252	15,100	0,049
• 75-40	1336062	150	15,900	0,049
• 75-50	1336061	150	13,800	0,049
• 75-63	133606	150	13,700	0,049
• 90-63	1336071	88	15,190	0,049
• 90-75	133607	88	10,440	0,049
• 110-63	1336082	48	18,800	0,049
• 110-75	1336081	48	6,400	0,049
• 110-90	133608	48	8,700	0,049
• 125-90	1336091	36	11,320	0,049
• 125-110	133609	36	10,180	0,049
• 140-90	133612	23	8,940	0,049
• 140-110	1336121	23	17,500	0,094
• 140-125	1336122	23		0,094
• 160-90	133610	15	16,300	0,094
• 160-110	133611	15	15,400	0,094
• 160-140	13366111	15	13,900	0,094
• 200-140	133671	14		
• 200-160	133672	14		
• 225-160	133682	12		
• 225-200	133681	12		
• 250-225	133683	8		
• 280-250	133686	1		
• 315-250	133693	1		
• 315-280	1336086	1		

Fixed Flange



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 90 mm	1381008	17		
• Ø 110 mm	1381009	10		

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UPVC Solvent Cement Fittings

Reducing Tee

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 50 - Ø 40 mm	13330051	75		
• Ø 63 - Ø 50 mm	13330061	75		
• Ø 75 - Ø 50 mm	13330071	50		
• Ø 75 - Ø 63 mm	13330072	50		
• Ø 90 - Ø 63 mm	13330081	30		
• Ø 90 - Ø 75 mm	13330082	30		
• Ø 110 - Ø 63 mm	13330091	20		
• Ø 110 - Ø 75 mm	13330092	20		
• Ø 110 - Ø 90 mm	13330093	20		
• Ø 125 - Ø 75 mm	13330101	11		
• Ø 125 - Ø 90 mm	13330102	11		
• Ø 125 - Ø 110 mm	13330103	11		
• Ø 140 - Ø 90 mm	13330111	8		
• Ø 140 - Ø 110 mm	13330112	8		
• Ø 140 - Ø 125 mm	13330113	8		
• Ø 160 - Ø 63 mm	13330121	5		
• Ø 160 - Ø 75 mm	13330122	5		
• Ø 160 - Ø 90 mm	13330123	5		
• Ø 160 - Ø 110 mm	13330124	5		
• Ø 160 - Ø 125 mm	13330125	5		
• Ø 160 - Ø 140 mm	13330126	5		
• Ø 200 - Ø 75 mm	13330131	1		
• Ø 200 - Ø 90 mm	13330132	1		
• Ø 200 - Ø 110 mm	13330133	1		
• Ø 200 - Ø 125 mm	13330134	1		
• Ø 200 - Ø 140 mm	13330135	1		
• Ø 200 - Ø 160 mm	13330136	1		
• Ø 225 - Ø 110 mm	13330141	1		
• Ø 225 - Ø 125 mm	13330142	1		
• Ø 225 - Ø 140 mm	13330143	1		
• Ø 225 - Ø 160 mm	13330144	1		
• Ø 225 - Ø 200 mm	13330145	1		



Wall Conduit Flange

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 50 mm	041601			
• Ø 63 mm	041602			
• Ø 75 mm	041603			
• Ø 90 mm	041604			
• Ø 110 mm	041605			
• Ø 125 mm	041606			
• Ø 140 mm	041607			
• Ø 160 mm	041608			



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UPVC Solvent Cement Fittings

Cross



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• d.32 mm	133321	100		
• d.40 mm	133322	50		
• d.50 mm	133323	42		
• d.63 mm	133324	20		
• d.75 mm	133325	30		
• d.90 mm	133326	20		
• d.110 mm (YEN‹)	133327	14		
• d.125 mm	133328	8		
• d.140 mm	133329	6		
• d.160 mm	133330	3		
• d.200 mm	133331	1		
• d.225 mm	133332	1		
• d.250 mm	133333	1		
• d.280 mm	133334	1		
• d.315 mm	133335	1		

Cap



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 20 mm	133701	200		
• Ø 25 mm	133702	1000		
• Ø 32 mm	133703	600		
• Ø 40 mm	133704	360		
• Ø 50 mm	133705	262	14,480	0,049
• Ø 63 mm	133706	130	13,120	0,049
• Ø 75 mm	133707	80	15,200	0,049
• Ø 90 mm	133708	46	11,440	0,049
• Ø 110 mm	133709	33	14,340	0,049
• Ø 125 mm	133711	20	9,620	0,049
• Ø 140 mm	133712	11	8,280	0,049
• Ø 160 mm	133713	8	8,840	0,049
• Ø 200 mm	133714	6	13,100	0,094
• Ø 225 mm	133715	5	12,800	0,094
• Ø 250 mm	133716	4	13,200	0,124
• Ø 280 mm	133717	4	15,800	0,124
• Ø 315 mm	133718	1		0,124

Conical Reduction



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 50-32 mm	1339061			
• Ø 50-40 mm	1339062			
• Ø 63-32 mm	1339063			
• Ø 63-40 mm	133906			
• Ø 63-50 mm	133905			
• Ø 75-Ø 50 mm	1339071			
• Ø 75 - Ø 63 mm	1339072			
• Ø 90 - Ø 63 mm	1339082			
• Ø 110 - Ø 63 mm	1339091			
• Ø 160 - Ø 110 mm	13390121			
• Ø 200 - Ø 110 mm	13390131			

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UPVC Solvent Cement Fittings

Vibration Flange

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• d.25 mm	0141110	200		
• d.32 mm	0141111	1000		
• d.40 mm	0141112	600		
• d.50 mm	0141113	360		
• d.65 mm	0141114	262		
• d.80 mm	0141115	130		
• d.100 mm	0141116	80		
• d.125 mm	0141117	46		
• d.150 mm	0141118	33		
• d.200 mm	0141119	20		
• d.250 mm	0141120	11		
• d.300 mm	0141121	8		
• d.350 mm	0141122	6		
• d.400 mm	0141123	5		
• d.450 mm	0141124	4		
• d.500 mm	0141125	4		
• d.600 mm	0141126	-		



UPVC Flange Adaptor

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 50 mm	133927	200	13,600	0,049
• Ø 63 mm	133928	100	11,200	0,049
• Ø 75 mm	133929	70	12,400	0,049
• Ø 90 mm	133908	42	10,850	0,049
• Ø 110 mm	133909	25	10,380	0,049
• Ø 125 mm	133910	15	9,400	0,049
• Ø 140 mm	133911	14	8,940	0,049
• Ø 160 mm	133912	16	18,320	0,094
• Ø 200 mm	133913	8	12,640	0,094
• Ø 225 mm	133914	8	14,740	0,094
• Ø 250 mm (YEN‹)	133915	5	14,800	0,124
• Ø 280 mm	133916	4	11,700	0,124
• Ø 315 mm	133917	2	8,500	0,124
• Ø 355 mm	133918	3		
• Ø 400 mm	133919	1		



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UPVC Solvent Cement Fittings

UPVC Flange



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 50 mm	1331005	70	17,800	0,049
• Ø 63 mm	1331006	60	19,100	0,049
• Ø 75 mm	1331007	50	21,200	0,049
• Ø 90 mm	1331008	40	15,940	0,049
• Ø 110 mm	1331009	34	15,200	0,049
• Ø 125 mm	1331010	23	15,060	0,049
• Ø 140 mm	1331011	23	13,680	0,049
• Ø 160 mm	1331012	25	20,840	0,094
• Ø 200 mm	1331013	16	26,440	0,094
• Ø 225 mm	1331014	16	24,080	0,094
• Ø 250 mm (YEN‹)	1331015	14	14,800	0,124
• Ø 280 mm	1331016	2	9,600	0,124
• Ø 315 mm	1331017	2	5,600	0,124
• Ø 355 mm	1331018	1		
• Ø 400 mm	1331019	1		

UPVC Blind Flange



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 50 mm	1331005	60	17,800	0,049
• Ø 63 mm	1331006	50	19,100	0,049
• Ø 75 mm	1331007	40	21,200	0,049
• Ø 90 mm	1331008	34	15,940	0,049
• Ø 110 mm	1331009	34	15,200	0,049
• Ø 125 mm	1331010	23	15,060	0,049
• Ø 140 mm	1331011	23	13,680	0,049
• Ø 160 mm	1331012	20	20,840	0,094
• Ø 200 mm	1331013	10	26,440	0,094
• Ø 225 mm	1331014	8	24,080	0,094
• Ø 250 mm	1331015	3	14,800	0,124
• Ø 280 mm	1331016	2	9,600	0,124
• Ø 315 mm	1331017	1	5,600	0,124
• Ø 355 mm	1331018	1		
• Ø 400 mm	1331019	1		

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UPVC Unions & Threaded Parts

UPVC Union - Solvent Cement

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• d.20 mm	132111	250	11,400	0,021
• d.25 mm	132112	200	12,800	0,021
• d.32 mm	132113	100	13,400	0,021
• d.40 mm	132114	80	11,280	0,021
• d.50 mm	132115	50	19,600	0,094
• d.63 mm	132116	40	18,400	0,094
• d.75 mm	132117	40	22,300	0,094
• d.90 mm	132118	30	19,600	0,094
• d.110 mm	132119	15	30,000	0,094



UPVC Union
Solvent Cement x Female Threaded

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• d.20 mm	132111T1	250	11,400	0,021
• d.25 mm	132112T1	200	12,800	0,021
• d.32 mm	132113T1	150	13,400	0,021
• d.40 mm	132114T1	80	11,280	0,021
• d.50 mm	132115T1	100	19,600	0,094
• d.63 mm	132116T1	50	18,400	0,094
• d.75 mm	132117T1	40	22,300	0,094
• d.90 mm	132118T1	30	19,600	0,094
• d.110 mm	132119T1	20	30,000	0,094



UPVC Union
Female Threaded x Female Threaded

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 0,5	132111T	250	11,400	0,021
• 0,75	132112T	200	12,800	0,021
• 1”	132113T	150	13,400	0,021
• 1,25"	132114T	80	11,280	0,021
• 1,5"	132115T	100	19,600	0,094
• 2”	132116T	50	18,400	0,094
• 2,5"	132117T	40	22,300	0,094
• 3”	132118T	30	19,600	0,094
• 4”	132119T	20	30,000	0,094



UPVC Male Union
Female Socket x Male Threaded

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 1,5" - d.50 mm	132121	100	24,200	0,094
• 2” - d.63 mm	132122	50	21,800	0,094
• 1,5" - d.63 mm	132123	50	21,400	0,094



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UPVC Solvent Cement Fittings



UPVC Female Union - Solvent Cement x Female Brass Threaded

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• d.20 mm	133460			
• d.25 mm	133461			
• d.32 mm	133462			
• d.40 mm	133463			
• d.50 mm	133464			
• d.63 mm	133465			



UPVC Brass Male Union - Male Brass Threaded x Solvent Cement

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• d.20 mm	133470			
• d.25 mm	133471			
• d.32 mm	133472			
• d.40 mm	133473			
• d.50 mm	133474			
• d.63 mm	133475			



UPVC Brass Female Union - Female Threaded x Solvent Cement

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• d.20 mm	133450			
• d.25 mm	133451			
• d.32 mm	133452			
• d.40 mm	133453			
• d.50 mm	133454			
• d.63 mm	133455			



UPVC Male Union - Male Threaded x Solvent Cement

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• d.20 mm	133480			
• d.25 mm	133481			
• d.32 mm	133482			
• d.40 mm	133483			
• d.50 mm	133484			
• d.63 mm	133485			



Threaded Fix Flange

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 90 mm	1381008T	17		
• Ø 110 mm	1381009T	10		

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UPVC Unions & Threaded Parts

Female Threaded Flange Adaptor

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 50 mm	133927T	200	13,600	0,049
• Ø 63 mm	133928T	100	11,200	0,049
• Ø 75 mm	133929T	70	12,400	0,049
• Ø 90 mm	133908T	42	10,850	0,049
• Ø 110 mm	133909T	25	10,380	0,049
• Ø 125 mm	133910T	15	9,400	0,049
• Ø 140 mm	133911T	14	8,940	0,049
• Ø 160 mm	133912T	16	18,320	0,094
• Ø 200 mm	133913T	8	12,640	0,094
• Ø 225 mm	133914T	8	14,740	0,094



Male Threaded Adaptor - Long Type

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 50 mm	133505U	156	17,720	0,049
• Ø 63 mm	133506U	116	18,040	0,049
• Ø 75 mm	133507U	120	26,700	0,094
• Ø 90 mm	133508U	75	25,860	0,094
• Ø 110 mm	133509U	36	17,000	0,094



Reducing Male Threaded Adaptor

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 20 mm	133501	350		
• Ø 25 mm	133502	350		
• Ø 32 mm	133503	300		
• Ø 40 mm	133504	200		
• Ø 50 mm	133505	156	17,720	0,049
• Ø 63 mm	133506	116	18,040	0,049
• Ø 75 mm	133507	120	26,700	0,094
• Ø 90 mm	133508	75	25,860	0,094
• Ø 110 mm	133509	36	17,000	0,094



Reducing Female Threaded Adaptor

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 20 mm	133402	400		
• Ø 25 mm	133403	400		
• Ø 32 mm	133404	350		
• Ø 40 mm	133401	200		
• Ø 50 mm	133405	120	17,720	0,049
• Ø 63 mm	133406	75	18,040	0,049
• Ø 75 mm	133407	57	26,700	0,094
• Ø 90 mm	133408	32	25,860	0,094
• Ø 110 mm	133409	22	17,000	0,094



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UPVC Solvent Cement Fittings

UPVC Hose Adaptor



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 1,5"	136313	140		
• 2”	136316	80		
• 2,5"	136314	50		
• 3”	136317	30		
• 4”	136318	20		

Nippel



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 0,5	1111080			
• 0,75	1111081			
• 1”	1111082			
• 1,25"	1111083			
• 1,5"	1111084			
• 2”	1111085			
• 2,5"	1111086			
• 3”	1111087			
• 4”	1111088			
• 4 1/2”	1111089			
• 5”	1111090			
• 6”	1111091			
• 7”	1111092			

Female Threaded Cap



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 50 mm	133705T	210		0,049
• Ø 63 mm	133706T	130		0,049
• Ø 75 mm	133707T	80		0,049
• Ø 90 mm	133708T	46		0,049
• Ø 110 mm	133709T	33		0,049
• Ø 125 mm	133711T	46		
• Ø 140 mm	133712T	33		
• Ø 160 mm	133713T			
• Ø 200 mm	133714T			
• Ø 225 mm	133715T			

Male Threaded Cap



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 1,5"	133727			
• 2”	133726			
• 2,5"	133722			
• 3”	133723			
• 4”	133724			

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UPVC Solvent Cement Fittings

Union Sight Glass

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• d.20 mm	134200			
• d.25 mm	134201			
• d.32 mm	134202			
• d.40 mm	134203			
• d.50 mm	134204			
• d.63 mm	134205			
• d.75 mm	134206			
• d.90 mm	134207			
• d.110 mm	134208			



Flanged Sight Glass

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• d.90 mm	134220			
• d.110 mm	134221			
• d.125 mm	134222			
• d.140 mm	134223			
• d.160 mm	134224			
• d.200 mm	134225			
• d.225 mm	134226			



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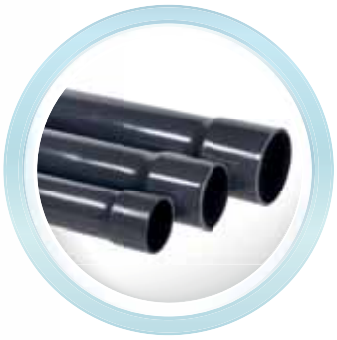
UPVC Pipes - 6 bars



UPVC Solvent Cement Socket Pressure Pipes for Clean Water
UPVC Clean Water Pipes have a smooth and a regular surface. Resistant to pressure and atmosphere conditions. With its high durability to chemicals, it is suitable for all kinds of liquid flow. Manufactured according to the norms of TS274, EN 1452 and DIN 8062,19532. They are the most common products that are used for the transfer of clean water with their simple installation and transfer, durability and healthy structure. As Grade is the major principle for our Grade. Tests and analysis are done regulary at the laboratory.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 40 mm	1390600			
• Ø 50 mm	1390601			
• Ø 63 mm	1390602			
• Ø 75 mm	1390603			
• Ø 90 mm	1390604			
• Ø 110 mm	1390605			
• Ø 125 mm	1390606			
• Ø 140 mm	1390607			
• Ø 160 mm	1390608			
• Ø 200 mm	1390609			
• Ø 225 mm	1390610			
• Ø 250 mm	1390611			
• Ø 280 mm	1390612			
• Ø 315 mm	1390613			
• Ø 355 mm	1390614			
• Ø 400 mm	1390615			

UPVC Pipes - 10 bars



UPVC Solvent Cement Socket Pressure Pipes for Clean Water. 10 BARS

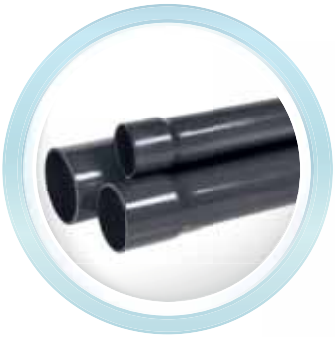
Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 20 mm	1391001			
• Ø 32 mm	1391002			
• Ø 40 mm	1391003			
• Ø 50 mm	1391004			
• Ø 63 mm	1391005			
• Ø 75 mm	1391006			
• Ø 90 mm	1391007			
• Ø 110 mm	1391008			
• Ø 125 mm	1391009			
• Ø 140 mm	1391010			
• Ø 160 mm	1391011			
• Ø 200 mm	1391012			
• Ø 225 mm	1391013			
• Ø 250 mm	1391014			
• Ø 280 mm	1391015			
• Ø 315 mm	1391016			
• Ø 355 mm	1391017			
• Ø 400 mm	1391018			

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UPVC Pipes - 16 bars

UPVC Solvent Cement Socket Pressure Pipes for Clean Water. 16 BARS

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 20 mm	1391601			
• Ø 25 mm	1391602			
• Ø 32 mm	1391603			
• Ø 40 mm	1391604			
• Ø 50 mm	1391605			
• Ø 63 mm	1391606			
• Ø 75 mm	1391607			
• Ø 90 mm	1391608			
• Ø 110 mm	1391609			
• Ø 125 mm	1391610			
• Ø 140 mm	1391611			
• Ø 160 mm	1391612			
• Ø 200 mm	1391613			
• Ø 225 mm	1391614			
• Ø 250 mm	1391615			
• Ø 280 mm	1391616			
• Ø 315 mm	1391617			
• Ø 355 mm	1391618			
• Ø 400 mm	1391619			



EPDM Flat Gasket

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 63 mm	13390799			
• Ø 75 mm	13390800			
• Ø 90 mm	13390801			
• Ø 110 mm	13390802			
• Ø 125 mm	13390803			
• Ø 140 mm	13390804			
• Ø 160 mm	13390805			
• Ø 200 mm	13390806			
• Ø 225 mm	13390807			



UPVC Pipe Clamp

UPVC Boru Kelepçeleri.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 20 mm	133350			
• Ø 25 mm	133351			
• Ø 32 mm	133352			
• Ø 40 mm	133353			
• Ø 50 mm	133354			
• Ø 63 mm	133355			
• Ø 75 mm	133356			
• Ø 90 mm	133357			
• Ø 110 mm	133358			
• Ø 125 mm	133359			
• Ø 140 mm	133360			
• Ø 160 mm	133361			



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UPVC Solvent Cements



FITVALF UPVC Solvent Cement
Plastic bottle with brush. ASTM Heavy Duty formula. Low Viscosity, Fast Curing Time.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Solvent Cement - Plastic Pot with Brush 1000 ml	13525	6		
• Solvent Cement -Plastic Pot with Brush 500 ml	13527	12		
• Solvent Cement -Plastic Pot with Brush 250 ml	13529	24		
• Solvent Cement -Plastic Pot with Brush125 ml	13537	48		
• Solvent Cement - Aluminium Tube 125 ml	13580	30		



Same as above, THF free formula, higher viscosity and gray color.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Solvent Cement - Plastic Pot with Brush 1000 ml	13565	6		
• Solvent Cement - Plastic Pot with Brush 500 ml	13567	12		
• Solvent Cement - Plastic Pot with Brush 250 ml	13568	24		



13570



13530

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• CHRISTY'S UPVC Pipe Cement 974 ml	13570	6		
• Hydrodif Glue for UPVC Flex Tubes-500 gr	13530	12		



FITVALF UPVC ABS Cleaner

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• UPVC / ABS Cleaner 100 ml	13541	6		
• UPVC / ABS Cleaner 250 ml	13542	24		
• UPVC / ABS Cleaner 500 ml	13543	12		
• UPVC / ABS Cleaner 1000 ml	13544	6		

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Mechanical Float Flowmeters

NEW !



Mechanical flowmeters (rotameters) are designed for professionals who want to monitor fluid flow rate instantly and visually. Thanks to their high-quality AS housing, they offer excellent transparency, while UPVC fittings ensure complete sealing and corrosion resistance even in the most demanding installation conditions.

Applications

- Water Treatment: Reverse osmosis (RO) systems, softening and dosing units.
- Pool & Filtration: Circulation lines and pool disinfection systems.
- Industrial Processes: Chemical dosing, cooling water lines and textile dyeing units.
- Agriculture & Landscaping: Modern greenhouse systems and liquid fertilizer (fertigation) lines.

Key Benefits

- Visual and Easy Monitoring: Transparent design that does not require electrical connection allows for instant flow rate reading.
- High Chemical Resistance: Thanks to its UPVC and AISI 316 stainless steel components, it is long-lasting against rust and corrosion.
- Low Operating Cost: Its maintenance-free mechanical structure and economical price increase your installation efficiency.
- Easy Installation: With its standard line type structure and different connection options (adhesive/threaded/flanged), it integrates quickly into existing systems.



Technical Specifications

Taper tube from: AS	Leader from: AISI 316 SS	
Connections: UPVC	PN6. Accuracy: ± %4	Heat: 0 - 60 °C
Float from: ABS	Installation: Vertical, linear type.	Pressure: Maximum 6 bar

Description	Code	Flow Rate Range	Adhesive Bonding	Male Toothed	Female Toothed
LZS-15	13LZS150	5 - 50 lt/h	Q20	½" NPT ¾" BSP	½" NPT ½" BSP
	13LZS151	10 - 100 lt/h			
	13LZS152	16 - 160 lt/h			
	13LZS153	25 - 250 lt/h			
	13LZS154	40 - 400 lt/h			
	13LZS155	60 - 600 lt/h			
	13LZS156	100 - 1000 lt/h			
LZS-25	13LZS250	100 - 1000 lt/h	Q32	¾" NPT	¾"NPT ¾" BSP
	13LZS251	160 - 1600 lt/h			
	13LZS252	250 - 2500 lt/h			
LZS-32	13LZS320	0,4 - 4 m³ lt/h	Q40	1" NPT	1" NPT 1" BSP
	13LZS321	0,6 - 6 m³/h			
	13LZS322	1 - 10 m³/h			
LZS-50	13LZS500	1 - 10 m³/h	Q63	2" NPT	2" NPT 2" BSP
	13LZS501	1,6 - 16 m³/h			
LZS-65	13LZS650	5 - 25 m³/h	Q75	/	2½" NPT
	13LZS651	8 - 40 m³/h			
	13LZS652	12 - 60 m³/h			
LZS-80F DIN FLANGE	13LZS800F	8 - 40 m³/h	Q90	/	
	13LZS801F	12 - 60 m³/h			
LZS-100F DIN FLANGE	13LZS1000F	14 - 90 m³/h	Q110	Axis: 180 mm	
	13LZS1001F	12 - 120 m³/h			
LZS-125F DIN FLANGE	**13LZS1250F**	25 - 180 m³/h	Q125	Axis: 210 mm	
LZS-150F	13LZS1500F	25 - 200 m³/h	Q160	Axis: 240 mm	

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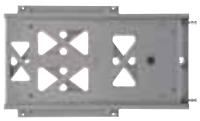
Starting Platforms

Track-Start Platforms. Made of FRP, AISI 304 stainless steel handles. Foot rest pad can be adjusted to front or back. Platform in non-slip and large surface.

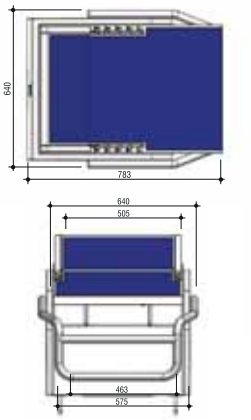
Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Height: 400 mm	**14141**	1		
• Relay Sensor, Mechatronic	**14141DS**	1		
• Height: 700 mm (NEW)	**14142**	1		

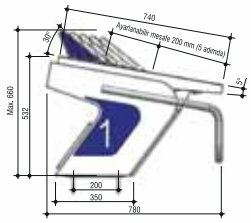


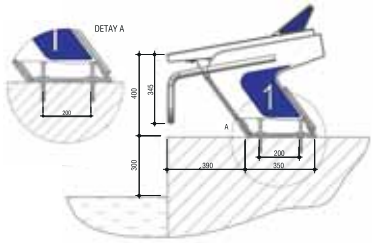




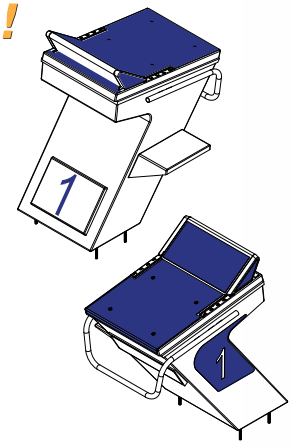
14141DS



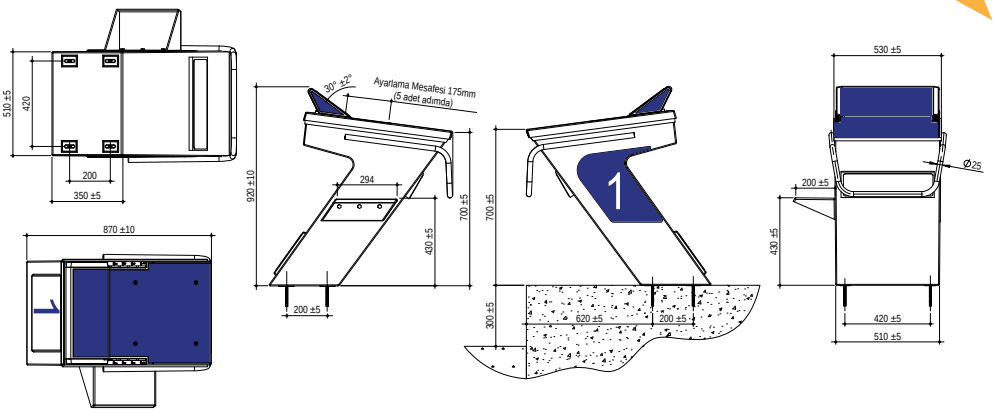




NEW !



14142

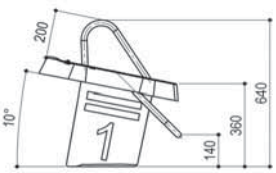


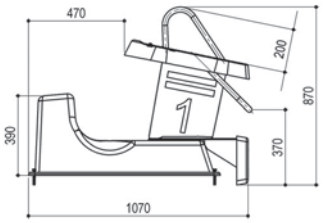
Fixed Starting Platforms. Made of FRP, AISI 304 grade stainless steel top and front handles. Height can be adjusted up to 700 mm through the elevation platform. FRP turning panels can be adapted to front side of the platform.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Height: 400mm	**14151**	1		
• Height: 700mm	**14152**	1		
• FRP Turning Panel (Optional)	**14153**	1		



14151







14151

14153

View with elevation platform

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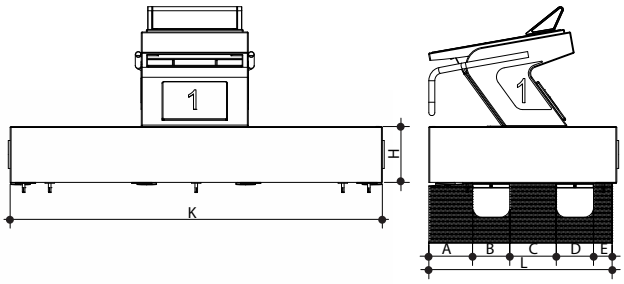
Starting Platforms



Starting Platform with Elevation and Turning Podiums. Made of FRP over steel frame, h=300 mm, height adjustable legs. Used with 400 mm height starting platforms. Each for every swim lane.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 2000 x 1000 mm	**141411**	1		
• 2500 x 1000 mm	**141412**	1		

PS: For platform connection, the dimensions of "A, B, C, D and E" must be given.



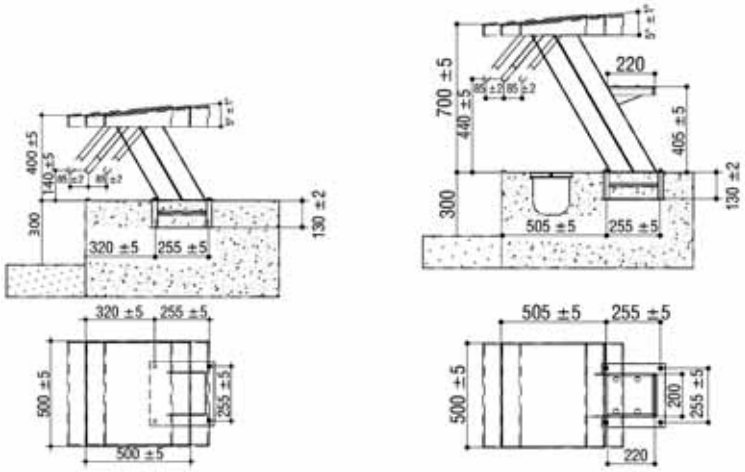




Special Anchor (Optional)

Starting Platforms; Adjustable. Base in AISI 304 grade stainless steel, platform in fiberglass reinforced polyester with non-slip finish. 500 x 500 mm. Special anchor to be installed in concrete slab is upon request.

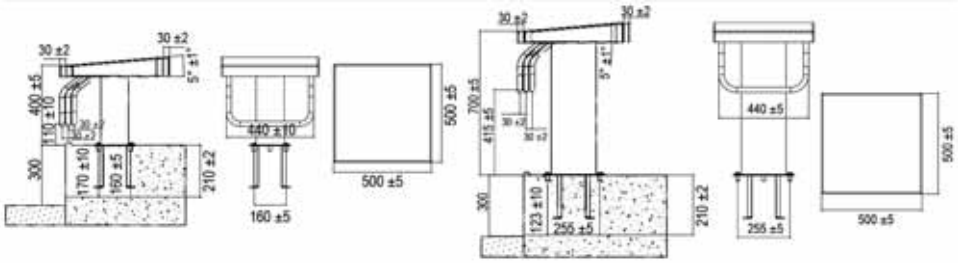
Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Height : 700 mm	**14111**	1	23,112	0,340
• Height : 400 mm	**14112**	1	17,200	0,375





Adjustable Starting Platform. AISI 304 grade stainless steel cylindrical body. The platform can by adjusted 3 cm forwards or backwards. The handle is also independently adjustable by 3 cm. Non-slippery surface, polyester and fiberglass 500 x 500 mm platform.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Height : 400 mm	**14113**	1		
• Height : 700 mm	**14114**	1		



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Starting Platforms

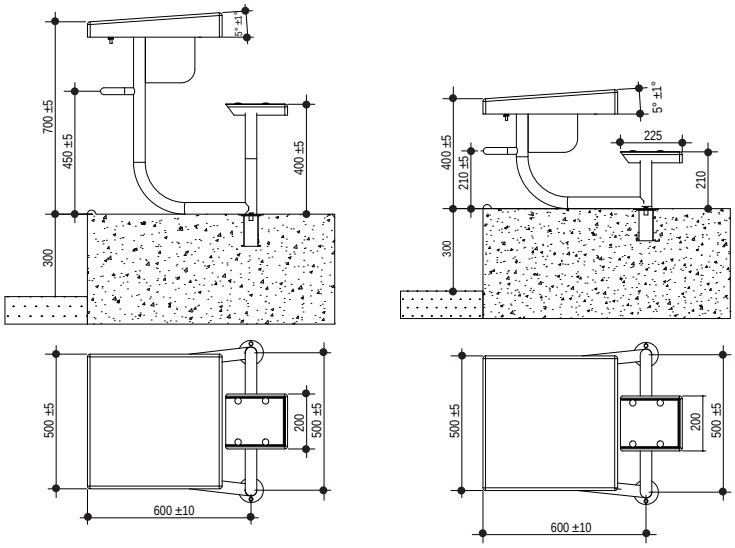
Starting Platforms; Fixed. Base made of AISI 304 grade stainless steel Ø42 mm. pipe, platform in fiberglass reinforced polyester with non-slip finish. 500 x 500 mm.





Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Height : 700 mm	**14121**	1		
• Height : 400 mm	**14122**	1		

PS: Designed to be fixed with “14410" or “14430" anchors are not included.

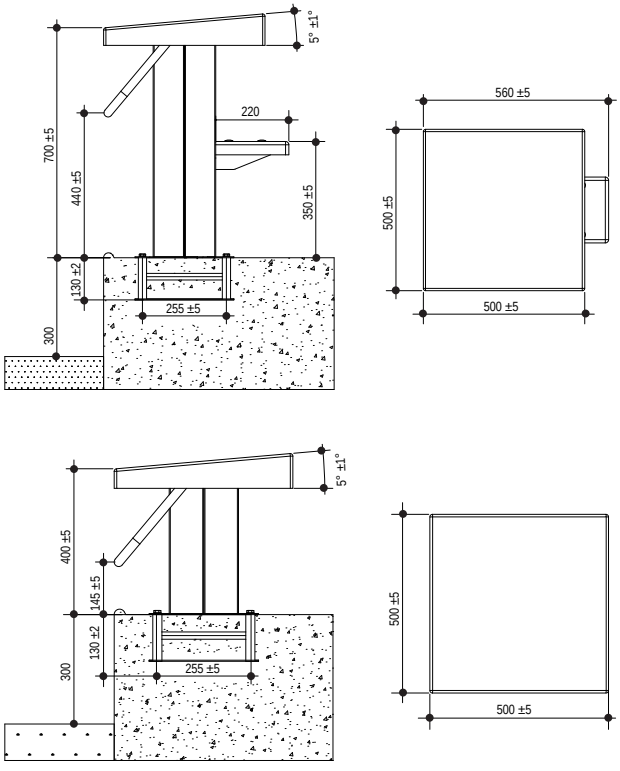


Starting Platforms; Fixed. Base made of AISI 304 grade stainless steel, platform in fiberglass reinforced polyester with non-slip finish. 500 x 500 mm.





Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Height : 700 mm	**14131**	1		
• Height : 400 mm	**14132**	1		





Special Anchor (Optional)

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Anchors



Level Anchors for Zurich and Wiesbaden Type Swimming Pools.
In AISI 304 grade stainless steel, for Ø42 mm pipe.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	14410	2	1,672	0,008



Inclined Anchors for Finnish Type Swimming Pools.
In AISI 304 grade stainless steel, for Ø42 mm pipe.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	14420	2	1,020	0,008

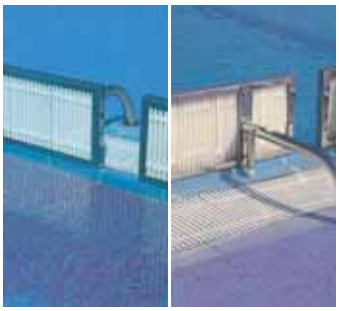


Level Anchors with Bolts for "14121" and "14122" Starting Platforms.
In AISI 304 grade stainless steel for Ø42 mm pipe.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	14430	2	1,240	0,008

Turning Panels

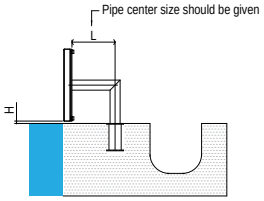
Turning Panels for Overflow Competition Pools.
Frame in AISI 304 grade stainless steel frame screened with plastic grating. Height 300 mm.



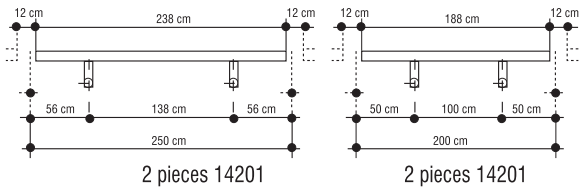
Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Lane width : 2,0 m	**14210**	1	12,000	
• Lane width : 2,5 m	**14220**	1	14,000	
• Support for turning panels in AISI 304 grade stainless steel.	**14201**	2	7,000	

PS: Designed to be fixed with "14410" or "14420" anchors which are not included.

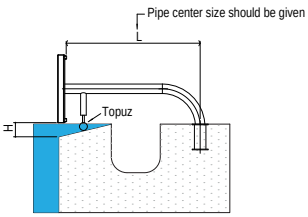
"L" and **"H"** should be dimensioned when ordering.



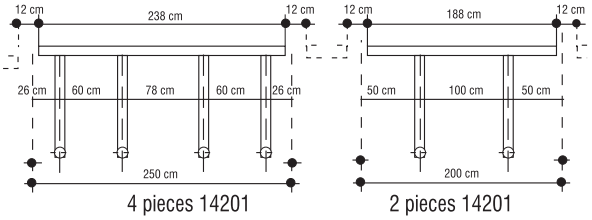
If length **"L"** is smaller than 500 mm



2 pieces 14201 2 pieces 14201



If length **"L"** is larger than 500 mm

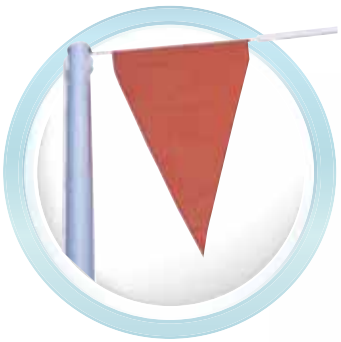


4 pieces 14201 2 pieces 14201

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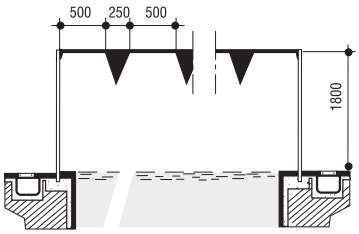
Post Set

Set of Backstroke Turn Indicators. Composed of 2 posts Ø42 mm. in AISI 304 grade stainless steel. Height: 1,80 m. One of them is with a pulley and the other with a fixing element for cord. Complete with nylon cord and flags.

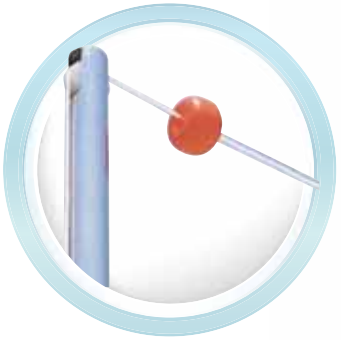


Description	Code	Pieces/ box	Weight Kg	Volume m^3
• For pools of 12,5 m width	**14311**	1	16,000	0,060
• For pools of 25 m width	**14312**	1	14,000	0,050

PS: Designed to be fixed with "14410" or "14420" anchors which are not included.

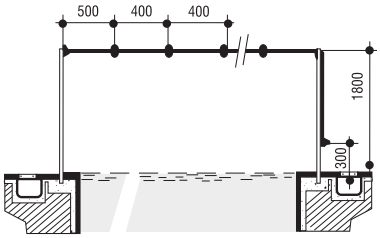


Set of False Start Posts. Composed of 2 posts Ø42 mm. in AISI 304 grade stainless steel. Height: 1,80 m. One of them is with a pulley and the other with a fixing element for cord. Complete with plastic floats and nylon cord.



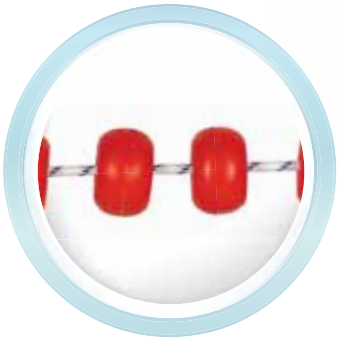
Description	Code	Pieces/ box	Weight Kg	Volume m^3
• For pools of 12,5 m width.	**14321**	1	12,000	0,057
• For pools of 25 m width.	**14322**	1	14,000	0,030

PS: Designed to be fixed with "14410" or "14420" anchors which are not included.
Two sets are necessary for a competition pool.

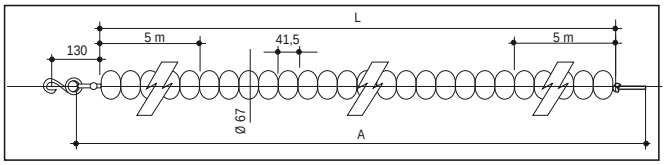


Floating Lanes

Rome Model. Complete with plastic floats, nylon line and 1 hook.



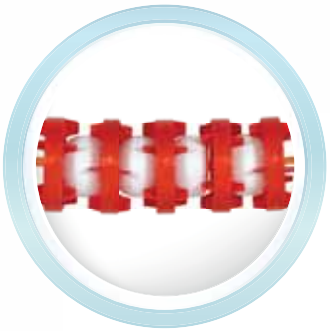
Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Length: 25 m	**14511**	1	8,700	0,135
• Length: 50 m	**14512**	1	17,400	0,265



Code	L (m)	A (m)	Colored Rome Separator Quantity	White Rome Separator Quantity
14511	25	26	248	354
14512	50	51	257	948

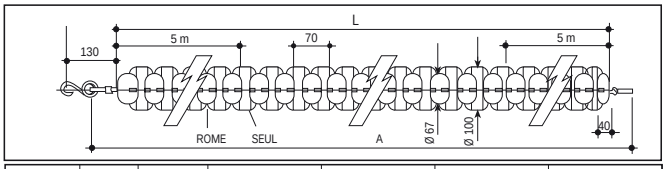
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Floating Lanes

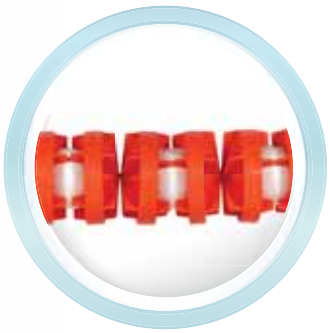


Seul Model. Complete with plastic floats, nylon line and 1 hook

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Length: 25 m	**14521**	1	23,700	0,340
• Length: 50 m	**14522**	1	47,400	0,620

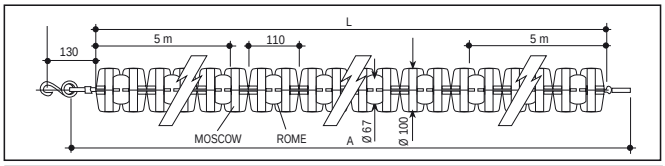


Code	L (m)	A (m)	Colored Seul Breakwaters total	White Rome Ball total	White Seul Breakwaters total	Colored Rome Ball total
14521	25	26	198	188	175	284
14522	50	51	206	188	744	745

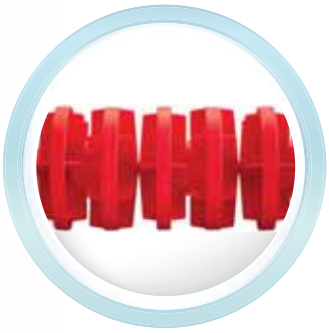


Moscow Model. Complete with plastic floats, nylon line and 1 hook

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Length: 25 m	**14531**	1	22,150	0,340
• Length: 50 m	**14532**	1	44,300	0,620

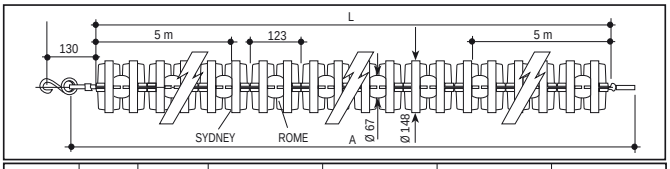


Code	L (m)	A (m)	Colored Moscow Breakwaters total	White Rome Ball total	White Moscow Breakwaters total	Colored Rome Ball total
14531	25	26	192	92	268	138
14532	50	51	200	92	732	374



Sydney Model. Complete with plastic floats, nylon line and 1 hook

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Length: 25 m	**14541**	1		
• Length: 50 m	**14542**	1		

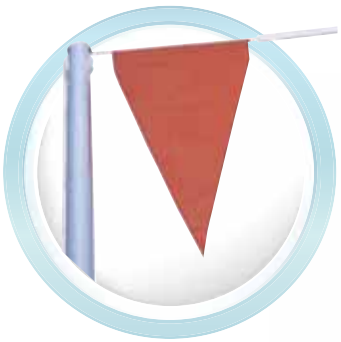


Code	L (m)	A (m)	Colored Sydney Breakwaters total	Red Rome Ball total	Red Sydney Breakwaters total	Colored Rome Ball total
14541	25	26	236	86	172	118
14542	50	51	640	90	180	320

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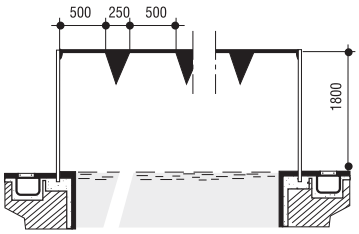
Post Set

Set of Backstroke Turn Indicators. Composed of 2 posts Ø42 mm. in AISI 304 grade stainless steel. Height: 1,80 m. One of them is with a pulley and the other with a fixing element for cord. Complete with nylon cord and flags.

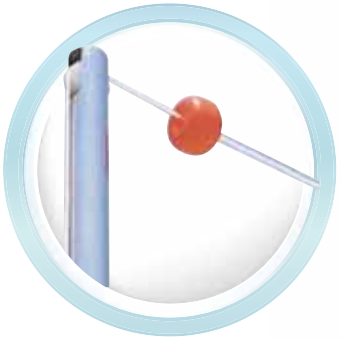


Description	Code	Pieces/ box	Weight Kg	Volume m^3
• For pools of 12,5 m width	**14311**	1	16,000	0,060
• For pools of 25 m width	**14312**	1	14,000	0,050

PS: Designed to be fixed with "14410" or "14420" anchors which are not included.

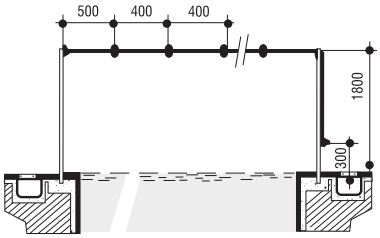


Set of False Start Posts. Composed of 2 posts Ø42 mm. in AISI 304 grade stainless steel. Height: 1,80 m. One of them is with a pulley and the other with a fixing element for cord. Complete with plastic floats and nylon cord.



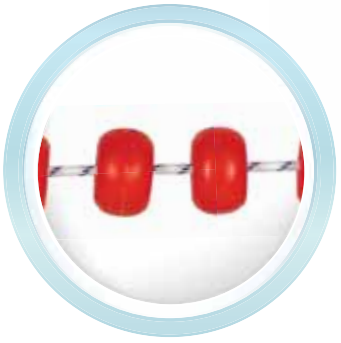
Description	Code	Pieces/ box	Weight Kg	Volume m^3
• For pools of 12,5 m width.	**14321**	1	12,000	0,057
• For pools of 25 m width.	**14322**	1	14,000	0,030

PS: Designed to be fixed with "14410" or "14420" anchors which are not included.
Two sets are necessary for a competition pool.

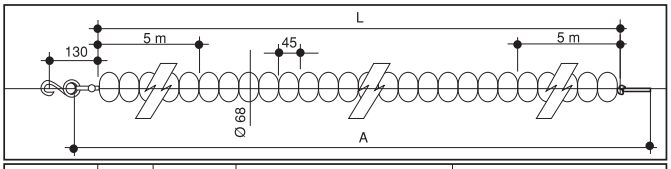


Floating Lanes

Rome Model. Complete with plastic floats, nylon line and 1 hook "14650"



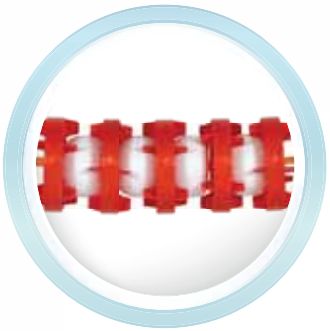
Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Length: 25 m	**14511**	1	8,700	0,135
• Length: 50 m	**14512**	1	17,400	0,265



Code	L (m)	A (m)	# of floats - Rome, Colored	# of floats - Rome, White
14511	25	27	232	318
14512	50	52	232	868

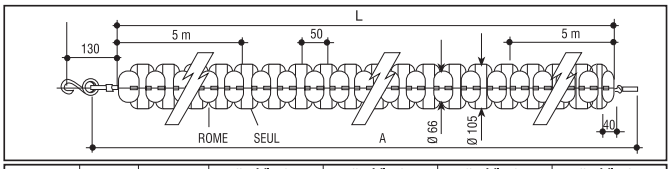
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Floating Lanes



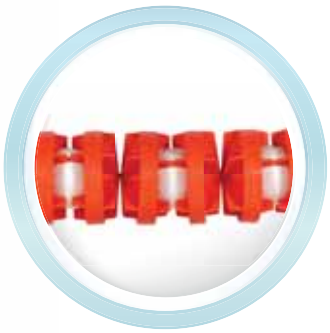
Seul Model. Complete with plastic floats, nylon line and 1 hook “14650”

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Length: 25 m	**14521**	1	23,700	0,340
• Length: 50 m	**14522**	1	47,400	0,620



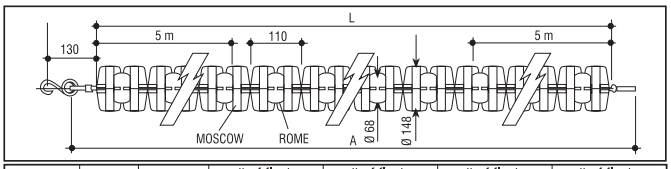
Code	L (m)	A (m)	# of floats Seul, Colored	# of floats Rome, White	# of floats Seul, White	# of floats Rome, Colored
14521	25	27	178	178	268	269
14522	50	52	178	178	714	715

PS: For FINA standarts, all floating lanes must be ordered with Stainless Steel line (14632).



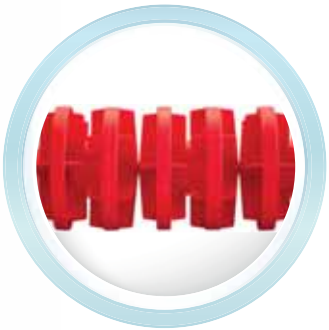
Moscow Model. Complete with plastic floats, nylon line and 1 hook “14650”

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Length: 25 m	**14531**	1	22,150	0,340
• Length: 50 m	**14532**	1	44,300	0,620



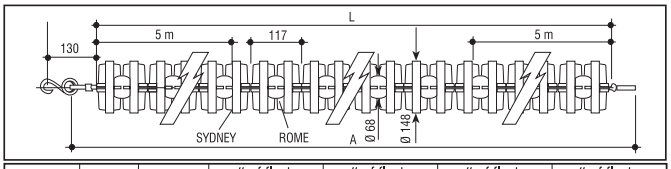
Code	L (m)	A (m)	# of floats Moscow, Colored	# of floats Rome, White	# of floats Moscow, White	# of floats Rome, Colored
14531	25	27	192	96	192	143
14532	50	52	192	96	192	378

PS: For FINA standarts, all floating lanes must be ordered with Stainless Steel line (14632).



Sydney Model. Complete with plastic floats, nylon line and 1 hook “14650”

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Length: 25 m	**14541**	1		
• Length: 50 m	**14542**	1		



Code	L (m)	A (m)	# of floats Sydney, Colored	# of floats Rome, White	# of floats Sydney, White	# of floats Rome, Colored
14541	25	27	168	84	240	120
14542	50	52	174	84	640	320

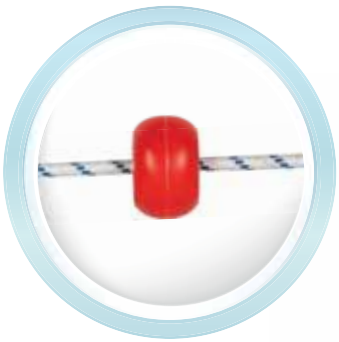
PS: For FINA standarts, all floating lanes must be ordered with Stainless Steel line (14632).

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Floaters

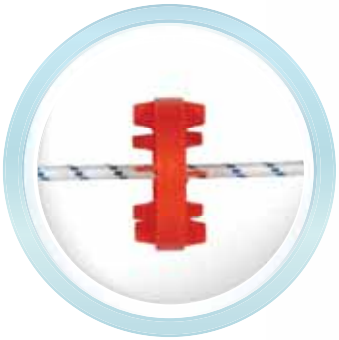
"Rome Model". Floater.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• White	**145101**	500	7,000	0,110
• Orange	**145102**	500	7,000	0,110
• Blue	**145103**	500	7,000	0,110
• Red	**145104**	500	7,000	0,110



"Seul Model". Floater.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• White	**145201**	150	7,000	0,080
• Orange	**145202**	150	7,000	0,080
• Blue	**145203**	150	7,000	0,080
• Red	**145204**	150	7,000	0,080



Floating Lane Accessories

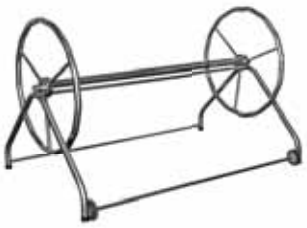
Seperator Collector Trolley. It has 4 wheels which 2 of them with brakes. Covered with PVC canvas for avoiding dripping out of excess water. Design to carry 1 piece 50m seperator. It's for the installation of the seperator with stainless steel anchors in the overflow pools. AISI 304 grade stainless steel. Dimenson is 200 x 100 x 84. Has a 0,75 release valve in the bottom, to drain collected water.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
	14680	1		

Float Lane Roller. Made of AISI 304 grade stainless steel, Ø42 pipe. Width: 1,20 m.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Width: 1,20 m	**14660**	1	25,000	2,200
• Width: 1,80 m	**14661**	1		



Roller Capacity: Width 1,20 m

FLOAT LINE	25 m	33 m	50 m
Seul Model	4	2	2
Rome Model	8	6	4
Moscow Model	4	2	2

Roller Capacity: Width 1,80 m

FLOAT LINE	25 m	33 m	50 m
Seul Model	6	3	3
Rome Model	12	9	6
Moscow Model	6	3	3

Float Line. Rope.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Nylon.	**14631**	160 m	8,420	0,025
Ø7 mm. Price per meter.				
• Plastified Stainless Steel.	**14632**			
Ø5 mm. Price per meter.				



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Floating Lane Accessories



Ergonomic Seperator Tensioner. Body made of GF-PP and accessories from AISI 316. complete with 7 mm thick hook, SS rope fixing accessories. Threaded tension rod and easy grip plastic body allows easy tightening up to 130 mm. Can only used with SS lane ropes

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	14643			



Separator Vibration Damping Spring. In AISI 316 grade stainless steel.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	14644	1	0,686	0,001



Floating Line Tensor with Spring. In chrome plated bronze.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	14641	1	0,686	0,001



Floating Line Tensor with Screw. In AISI 304 grade stainless steel.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	14642	6	0,182	



Rope Anchor. Made of bronze. 0,75.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	14651		0,186	



Line Hook. To be attached at one end of float lane. In AISI 304 grade stainless steel.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	14650		0,186	



Model 1



Model 2

Lane Anchor Cup. AISI 304 grade, to be embedded to pool wall.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Model 1	**14611**	1	22,150	0,340
• Model 2	**14627**	1	44,300	0,620



Float Support. To be used with anchors “14410” and 14420”. In AISI 304 grade stainless steel.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	14620	2	0,520	

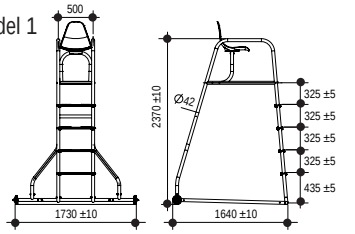
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Floating Lane Accessories

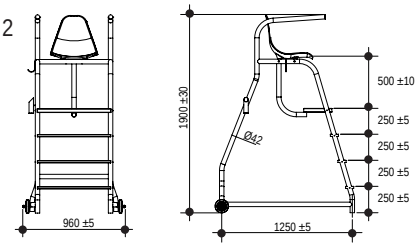
Refree Seat. Made of AISI 304 grade stainless steel and Ø42 mm pipe.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Model 1	**14670**	1	0,566	0,001
• Model 2	**14671**	1		

Model 1



Model 2





Automatic Timing Systems for Competition Pools
ALGE TIMEMANAGER TM-SWIM



PLEASE ASK PRICE ON PROJECT BASIS

ALGE TIMEMANAGER TM-SWIM SPECIFICATIONS

- PC based timing system
- Easy connection to new generation lap-top and PC with USB interface
- User friendly
- Swimlane control with 16 touchpads
- Audio and optic control for each swimlane
- Each swimlane can be connected to 5 independent timing channels (1 touchpad, 3 button, 1 Relay Time)
- Integrated battery system – 4 hours working time
- Integrated speaker system
- False start warning on the screen
- Detection and warning system for difference of timing channels
- Reliable Touchpads
- Saving the statistics values
- Compatible with FINA, SSCH, AAU, NCAA and LEN regulations.

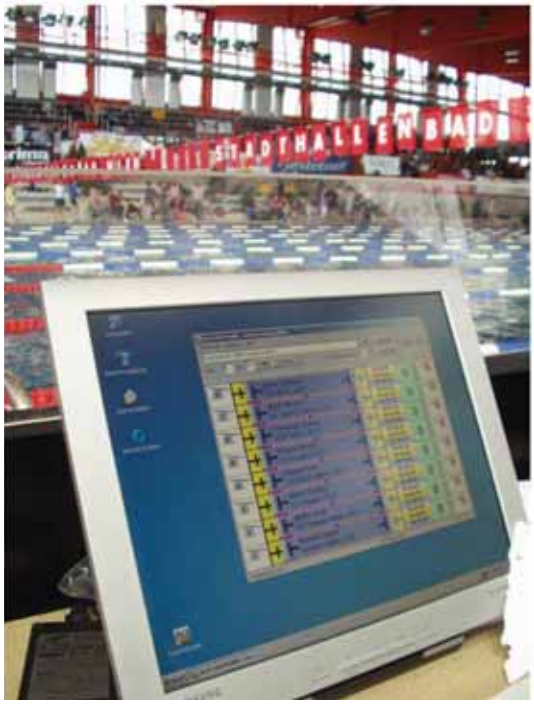
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AUTOMATIC TIMING SYSTEMS FOR COMPETITION POOLS
ALGE TIMEMANAGER TM-SWIM

PC Software

Alge Swimtime Software provides the information of time-manager processor, with user friendly and visual interface. Available for all Windows Systems.





- User Friendly software
- Visual illustration
- Same layout with pool
- Free update for 10 years
- Back-up Battery
- Manage 16 swimlane
- Competitors Information



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COMPETITION POOL SCORE SYSTEM PRODUCTS



TimeManager TM-SWIM: It's the processor that all timing activities are processed and recorded. Easy connection to new generation lap-top and PC with USB interface. Automatic timing, recording and instant printout. In this way, printouts of all timings are obtained in case of a system issue. Complete with speaker, 4 hour battery for power cut, printer, score board, starting system, auditory and visual warning inputs. Measuring range is 23 hours, 59 minutes, 59,9999 seconds.



SWIM Terminal SWT3: Needs to be installed to each swimlane. The TimeManager automaticly finds and enumerates SWT3 which is founded in each swimlane. 5 different time channels can be connected to every SWT3 terminals; 1 x touchpad, 3 x Manuel Time Buttons, 1 x starting time.



Start Unit: Complete with integrated microphone and start buton.



Active (SPA) and Passive (SPP) Speakers. Each active speakers includes a amplifier and controls a passive speaker.



LED SCORE BOARDS :
Options for 1, 8, 10 lines, wall matrix video options and options for colored displays.



TouchPads TP2400/TP1800: The most important instrument of the system. Quality of this product determines quality of the system. The backside is made of stainless steel. To be found in two different swimlane measures.



Manuel Time Buttons:
Waterproof design, 2 m cable.



Track Start Blocks.
Made of FRP. Foot rest pad can be adjusted for ergonomic start.



Platform with Time Sensor: Can be adapted to available platforms. Starting time detection platform adaptor.



Backstroke Starting Kit.
Prevents the start through the glide from touching panel. Compatible with GEMAS Starting Platform

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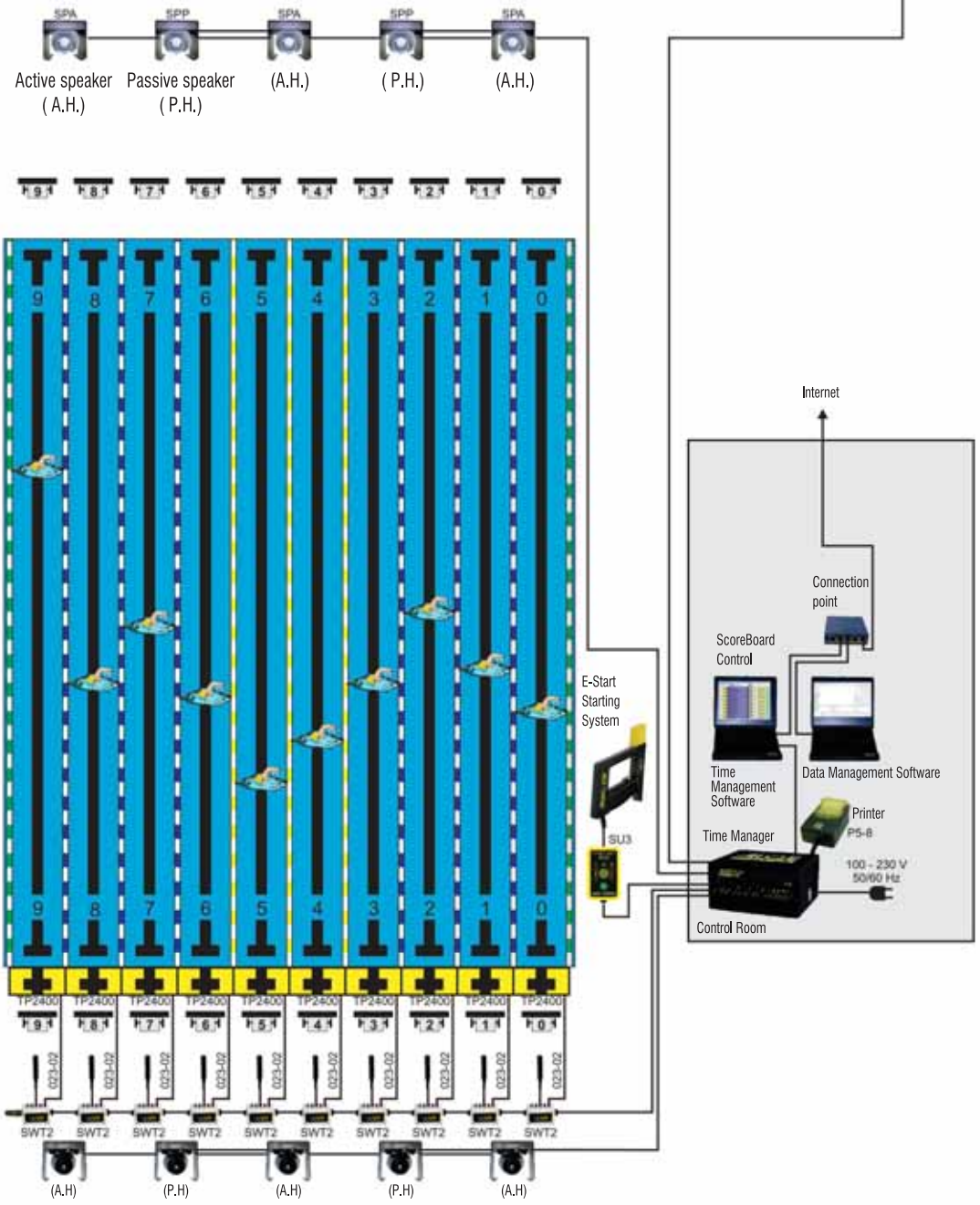
ALGE TIMING

SWIMTIME PACKAGE 1



SINGLE LINE DIGITAL SCOREBOARD

For 50 m pools, speaker is obligatory on the returning side.



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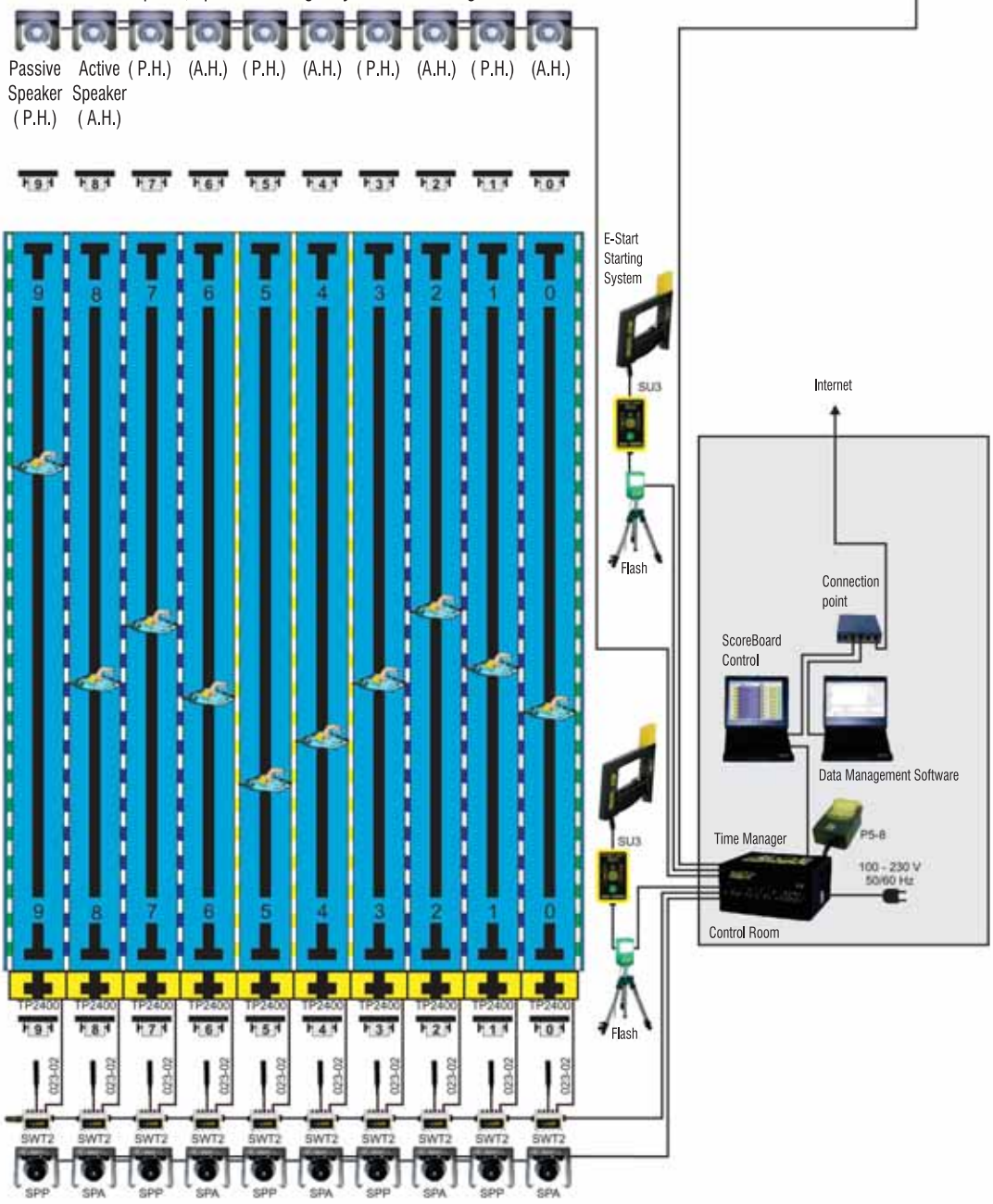
ALGE TIMING

SWIMTIME PACKAGE 2



100 - 230 V 50/60 Hz

For 50 m pools, speaker is obligatory on the returning side.



10 LINES MATRIX LED SCOREBOARD

Below seen videowall is optional

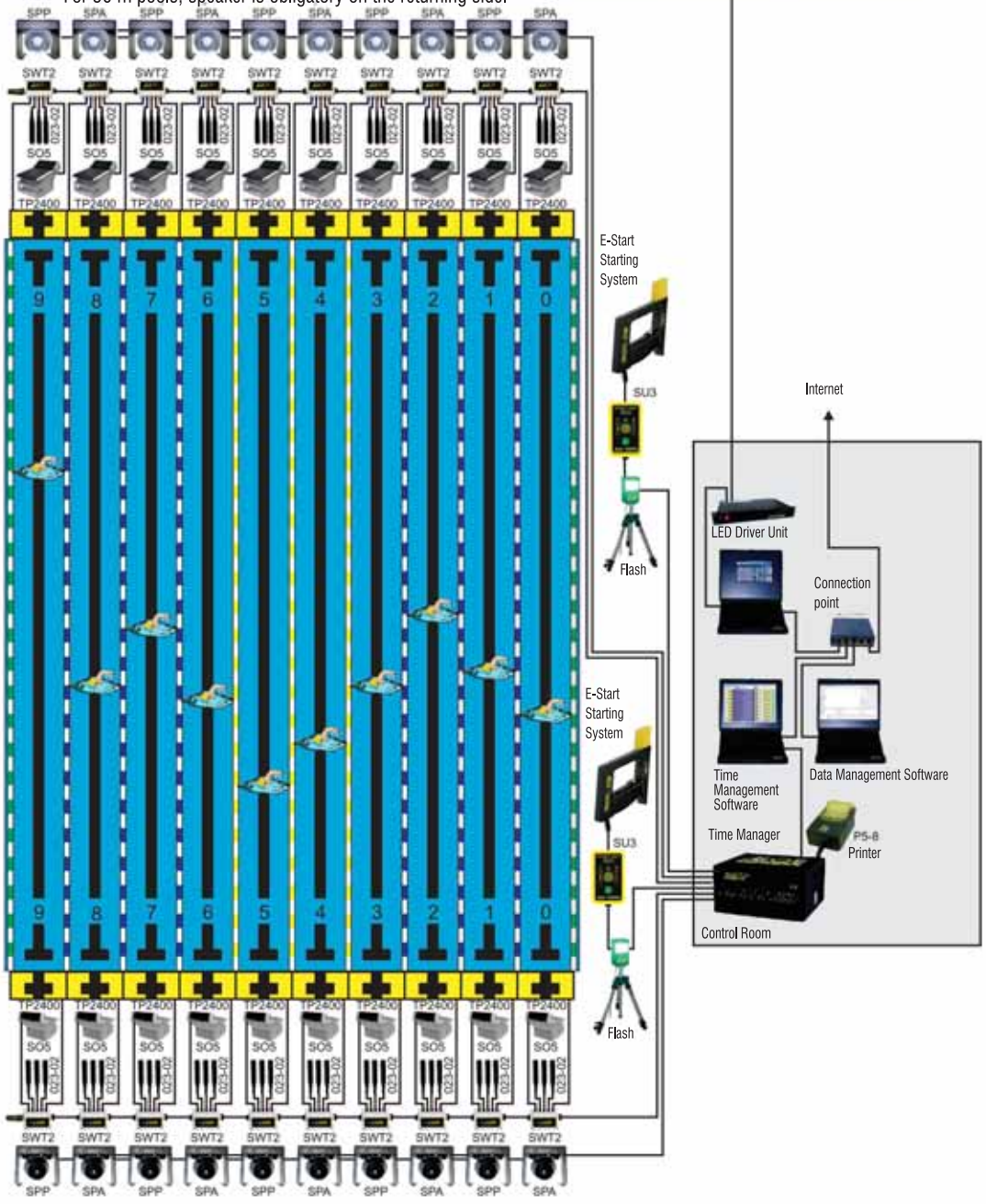
ALGE TIMING

SWIMTIME OLIMPIC SYSTEM

SWIMTIME PACKAGE 3



For 50 m pools, speaker is obligatory on the returning side.



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Spa & Steam Room

15

Spa &

Steam Room

3

Massage Jets



“Freedom” model massage jet. Water connection d.50 mm, air connection Ø 32 mm, complete with internal set. Recommended flow; 1,5 m³/h - 7 mSS

Description	Code	Pieces/ box	Weight Kg	Volume m³
	1510-FS715	1	0,380	



“Freedom” model massage jet internal set. Adjustable type

Description	Code	Pieces/ box	Weight Kg	Volume m³
	1510-FSOOTA	1	0,090	



"Hydrojet" model massage jet. Complete with nozzle. Water and Air connection Ø 50 mm, PVC, including nozzle. Recommended flow; 1,5 m³/h - 7 mSS

Description	Code	Pieces/ box	Weight Kg	Volume m³
	1510-4100	1	0,440	



"Magna" Model Massage Jet Body. Water connection d.50, air connection d.32, excluding nozzle. Recommended flow; 2,7 m³/h - 7 mwh

Description	Code	Pieces/ box	Weight Kg	Volume m³
	1510-4833	1	0,440	



To be used for "Magna" Model Massage Jet.

Description	Code	Pieces/ box	Weight Kg	Volume m³
• **Magna'SSage:** Single mouth 0,008 heading jet nozzle.	**1516-4821**	1	0,062	
• **Magna'SSage:** Double mouth swivel heading jet nozzle.	**1516-4820**	1	0,078	



“SP-1434A” Model Massage Jet. Water and air connections Ø 50 mm; PVC, 2" inlet included. Recommended flow; 1,5 m³/h - 7 mwh

Description	Code	Pieces/ box	Weight Kg	Volume m³
	1510-1434A	1		



“SP-1434ASS” Model Massage Jet. Water and air connection Ø 50, PVC, 2” inlet included. Frame is stainless steel. Recommended flow; 1,5 m³/h - 7 mwh

Description	Code	Pieces/ box	Weight Kg	Volume m³
	1510-1434ASS			

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Massage Jets

Massage Unit.
Bare unit. Can be installed as single or multiple wall-floor massage stations. Comes with air suction hose and wall-floor air regulator.

Description	Code	Pieces/ box	Weigh Kg	Volume m^3
• Model 1 - Ø40 mm	**1510-1435**	1		
• Model 2 - Ø28 mm	**1510-1436**			

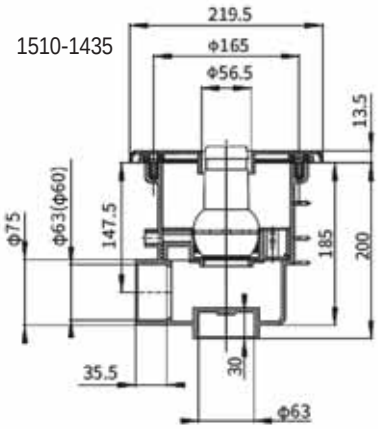


1510-1436

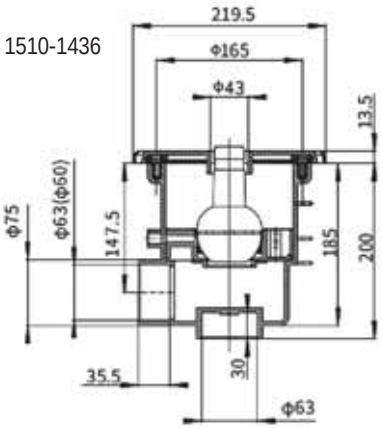
1510-1435



1510-1435



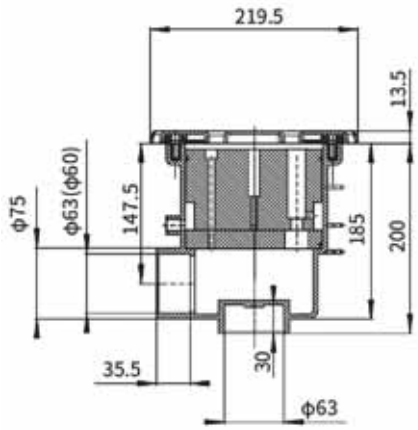
1510-1436



Massage Unit.
Used for massage from the floor.
Comes with air suction hose and wall-floor air regulator.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
Model 3 - 5 x Ø19 mm	**1510-1437**	1		





"EM" Model Massage Jets. Water connection D.50, air connection D.32. Complete with adjustable type internal set.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	1596601207	1	0,420	



"EM" Model Massage Jet Internal Set.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Adjustable type, Recommended Flow 1,5m^3/h	**1588090812**	1	0,090	
• Rotary type, Recommended Flow 1,5m^3/h	**1588090912**	1	0,090	



1588090812



1588090912

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Massage Jets



"Swimjet" Model Massage Jet. Water connection Ø 63 mm, air connection Ø 32 mm, length 145 mm. Recommended flow; 16 m³/h - 7 mwh

Description	Code	Pieces/ box	Weight Kg	Volume m³
	1516-5759	1	0,420	



"Hydrojet" Model Massage Jet Extension. L = 105 mm, ABS.

Description	Code	Pieces/ box	Weight Kg	Volume m³
	1510-4400	1	0,214	



“Venturi TEE” Model Massage Jet Body. Water connection Ø 48,6 mm, length excluding nozzle: 260 mm. Suggested discharge: 5m³/h - 7mwh (Used for building massage station inside the pool).

Description	Code	Pieces/ box	Weight Kg	Volume m³
	1510-4320	1	0,253	



“Venturi TEE” Model Massage Jet Inlet.

Description	Code	Pieces/ box	Weight Kg	Volume m³
F.I.S. F‹TT‹NGS.	**1510-3420**	1	0,090	

Air Jets



Air jet. White, ABS.

Description	Code	Pieces/ box	Weight Kg	Volume m³
• 9 Holes - Top, Removable Cover	**1511-9201**	1		
• 9 Holes - Top	**1511-9202**	1		

Suction Drain



"Big Type" Suction Drain.

Description	Code	Pieces/ box	Weight Kg	Volume m³
White ABS, 3” external thread 0,008	**1510-6201**	1	1,222	
Ø 152 mm external diameter				
Ø 90 mm Slip Connection				
Recommended Flow Rate 20 m³/h				

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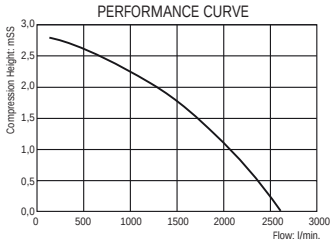
Air Blowers

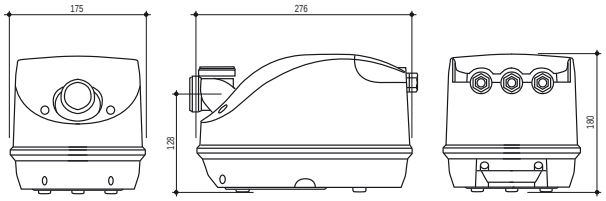
BLOWERS FOR DISCONTINUED USE.

Genesis Blower 1,2 kW, 230 V/50 Hz. Maximum pressure: 3,0 mwh, Maximum recommended flow rate: 160 m³/h.

Description	Code	Pieces/ box	Weight Kg	Volume m³
Genesis Blower 1,2 kW	**15GB120-2NN-3**	1	2,792	0,011







"Air Blower for Continuous Use"

Description	Code	Pieces/ box	Weight Kg	Volume m³
• Blower 1.3 kW, Single Stage, 220/380V	**15410H26**	1	17,000	
• Blower 2.2 kW, Single Stage, 220/380V	**15610H16**	1	28,000	
• Blower 2.2 kW, Double Stage, 220/380V	**15420H46**	1	27,000	
• Blower 3 kW, Single Stage, 220/380V	**15630H26**	1	35,000	
• Blower 3 kW, Double Stage, 220/380V	**15720H26**	1	48,000	
• Blower 4.3 kW, Double Stage, 380/660V	**15730H47**	1	45,000	
• Blower 4.3 kW, Double Stage, 380/660V	**15720H37**	1	54,000	
• Blower 5.5 kW, Double Stage, 380/660V	**15720H47**	1	70,000	
• Blower 7.5 kW, Double Stage, 380/660V	**15720H57**	1	74,000	

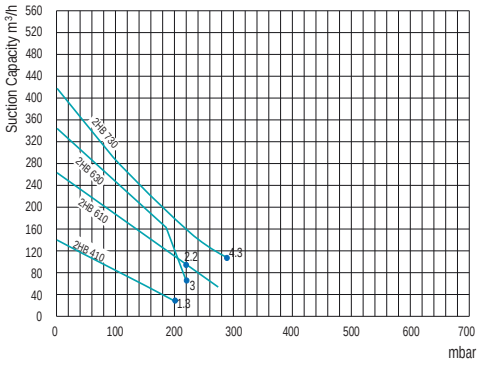




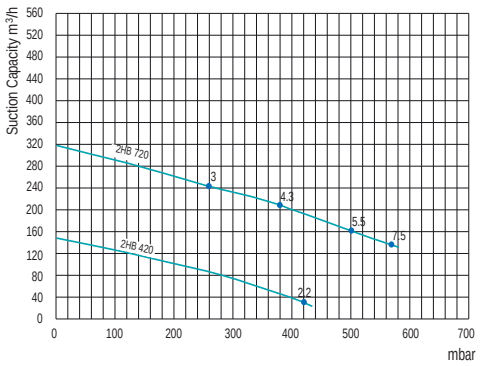
TECHNICAL CHARACTERISTICS

MODEL	15410H26	15610H16	15420H46	15630H26	15720H26	15730H47	15720H37	15720H47	15720H57
Frequency (Hz)	50	50	50	50	50	50	50	50	50
Power (kW)	1.3	2.2	2.2	3	3	4.3	4.3	5.5	7.5
Voltage (V)	220-380	220-380	220-380	220-380	220-380	380Δ-660Y	380Δ-660Y	380Δ-660Y	380Δ-660Y
Current (A)	5.7	9.7	9.7	12.5	12.5	9.5	10	13.3	16.7
Max. Flow (m³/h)	145	265	150	345	320	420	320	320	320
Vacuum (mbar)	-170	-235	-330	-240	-280	-265	-360	-440	-440
Pressure (mbar)	200	220	420	220	260	290	380	500	570
Noise (dB)	63	69	66	70	73	70	73	73	73
Weight (Kg)	17,000	28,000	27,000	35,000	48,000	45,000	54,000	70,000	74,000

PERFORMANCE CURVE - Single Stage



PERFORMANCE CURVE - Double Stage



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Air Buttons



1522-1043 1522-1044

"Standard" Pneumatic Air Button

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Body external diameter 31,5 mm, 3 mm tube connection.	**1522-1043**	1	0,020	
• Body external diameter 1", 3 mm tube connection.	**1522-1044**			



156438 156437

Gemas Pneumatic Air Button

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Gemas Large model air button with Ø 63 mm 2" connection	**156437**	1	0,035	
• Gemas Small model air button with Ø 50 mm 1.5" connection	**156438**	1	0,022	

PS: h= 67mm. 4 mm air connection. Effective from 25 meters.

Pneumatic Switch Boards



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• **PNEUMATIC SWITCH BOARD,**	**05080**	1	0,748	
Complete with contactor and circuit breaker for up to 4 kw triphase pumps. Assembled in a humid resistant plastic box.				
• **PNEUMATIC SWITCH.**	**156871**	1	0,020	
Permanent type. Up to 1 HP				
• **PNEUMATIC SWITCH HOSE.**	**15310**			
D 2,0 - 4,0 mm. Price per meter.				

Electronic 3-Function Button



GEMAS "Electronic Button" 64mm.
Works with the driver. It can be installed / used outdoors. UV protected touch pad.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 3-Function Button	**15231**	1		
• Driver	**15230**	1		

Air Regulators



1510-2100 1510-2100S



1510-2200 1510-2300

"Standart" Type Air Regulator

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Big model 1 1/4" male threaded	**1510-2100**	1	0,084	
• Big model 1 1/4" male threaded. St.Steel	**1510-2100S**	1		
• Small model 3/4" male threaded	**1510-2200**	1	0,036	
• Small model 1" male threaded. Chrome-plated.	**1510-2300**	1		

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Caps

Hydro-Air "Caps"

Description	Code	Pieces/ box	Weight Kg	Volume m^3
Ø 50 mm	**1520-1015**	1	0,036	



PVC Flexible Tubes

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Ø 32 mm PVC Flexible Tube	**15410**			
• Ø 50 mm PVC Flexible Tube	**15420**			
• Ø 63 mm PVC Flexible Tube	**15430**			



Flexible Tube Cement

Description	Code	Pieces/ box	Weight Kg	Volume m^3
500 ml	**13530**	1	0,500	



SPA Underwater Lights

"Mini 2001" Underwater Lights. Heat resistant plastic body, bottom outlet. Complete with 2 m. cable. 50 W/12 V bulb or 4,2 W power LED. Led bulbs is 100% sealed from water with transparent epoxy.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Slip type body with plastic frame	**05112S**	4	2,000	0,007
• 05112S,6 W/12 V SMD 36 LED	**05112SLS**	4		
• 2" Threaded body with plastic frame	**05112T**	4	2,100	0,007
• 05112T, 6 W/12 V SMD 36 LED	**05112TLS**	4		



05112SLS



05112T

Nut for Mini Underwater Light, for FR-Polyester Pools. Made of white ABS Plastic with 2" internal thread. Complete with gasket.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
Ø 50 mm	**04237**	35	1,474	0,006



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Steam Generators with Electric Heater



FL Series Steam Generator.
Device protection when it is without water. High pressure protection, automatic water fill up and drainage. All models should be used with an external control panel. One remote control panel can operate 2, 3 or 4 pieces combined with steam generator. Generator feeding water should not be over 0-5 Fh (French Hardness) hardness level. Otherwise it will be out of warranty. Complete with safety valve.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• FL-45, 4,5 kW	**182101**			
• FL-60, 6 kW	**182102**			
• FL-90, 9 kW	**182104**			
• FL-120, 12 kW	**182105**			
• FL-150, 15 kW	**182106**			
• FL-180, 18 kW	**182107**			



Control panels for steam generators with electric heater. The “Operating” light, steam room temperature display, working hour countdown, automatic disinfection function (ozone) can be obsevered outside the panel.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• FAN-T, For 60/90 models	**182201**			
• FAN-M, For 120/180 models	**182202**			



STEAMER STEAM GENERATORS WITH ELECTRODE.
The product is not negatively effected from hard water. Automatic water filling and drainage. Device can be adjusted gradually and operated to the max. 10 kW level. Electrode and tanks are washed automatically. Can be operated automatic and manual. Phase protection exists on the device. Body electrostatic painted and Stainless Steel 304 Quality. 40x200 mm LCD Board is on the device enabling to observe all the control values. 3 functional key gives opportunity for manual operation, automatic operation and stopping the system and draining. All devices are used with external control panels. 3 steam generators can be combined and controlled by 1 piece remote control. 1 lt Lime Protector included in price.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• EL1000-3, up to 18 kW	**182111**			
• Lime Protector 1 liter	**075311**			

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Steam Generators with Electric Heater

Control Panel for STEAMER Steam Generators with Electrode.
Device is controlled with touch pad. The cabinet Lightning, ventilation and heating-steam function can be controlled separately with time clock trough the device. It can be programmed each week day separately. Same Control panel can control 3 pieces generators. Enables possibility to operate Monophase or Triphase. **It is not mandatory to be used with steam generator.**



Description	Code	Pieces/ box	Weight Kg	Volume m^3
ELKT1000	**182211**			

Steam Room Accessory Equipments

Steam Nozzle.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Stainless Steel AISI 304	**182301**	1		
• Steam Nozzle Plastic	**182302**			



182301



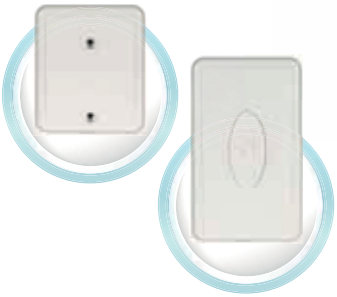
182302

Steam Bath Door.
8 mm thick tempered glass. Aluminium hinge, plastic handle. 71,5x200x5,5 cm



Description	Code	Pieces/ box	Weight Kg	Volume m^3
	182401	1		

Steam Bath Door Handle. Made of plastic.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
	1824011	1		

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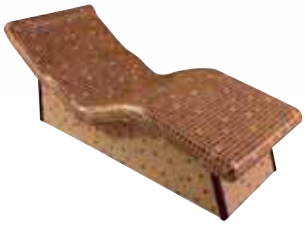
Prefabricated Construction Materials for SPA

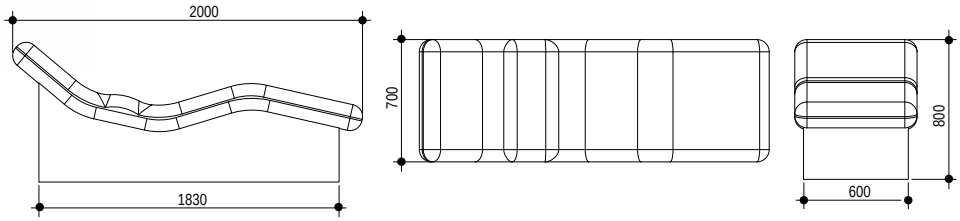


Relaxation Beds

Made of Extruded polystyrene, XPS, hard foam and all surfaces are reinforced with fiber glass and covered with industrial plaster. There will no need of construction process, glass mosaics can be covered directly right after delivery.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	184101			



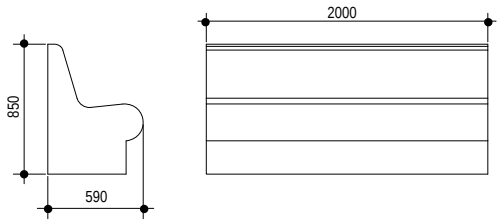




Steam Room Seats

Made of Extruded polystyrene, XPS, hard foam and all surfaces are reinforced with fiber glass and covered with industrial plaster. There will no need of construction process, glass mosaics can be covered directly right after delivery.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	185101			





Rounded Shower Cabin

Made of Extruded polystyrene, XPS, hard foam and all surfaces are reinforced with fiber glass and covered with industrial plaster. There will no need of constructive process, glass mosaics can be covered directly right after delivery. 50x1020x2000 mm.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	186101			



Spiral Shower Cabin

Made of Extruded polystyrene, XPS, hard foam and all surfaces are reinforced with fiber glass and covered with industrial plaster. There will no need of constructive process, glass mosaics can be covered directly right after delivery. 50x1575x1950x2000 mm

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	186102			

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SPA BS-691

5 Kişilik Akrilik Lüks Masaj Küveti-SPA
5 Persons Luxury Hot Tub Spa

Klasik Seri SPA:
Taşıyıcı iskelet üzerinde kompozit kaplamalı eteği ile standart özelliklerdedir. Renk seçenekleri mevcuttur. Yüksek standartlara sahip bir masaj havuzu isteyenler için iyi bir seçenektir.

Bu seri SPA'lar, akıllı ve kullanımı kolay bir kontrol sistemi ile donatılmıştır. Kulanıcıların kendileri için en iyi masaj modunu seçmeleri son derece kolaydır. Yüksek verimli/kaliteli masaj ve filtrasyon pompaları ile birlikte hava masajı fonksiyonu, bluetoothlu ses sistemi, ısıtma sistemi, LED'li ışık sistemi, şelale opsiyonu ve benzeri özellikler sunulmaktadır.

Tüm masaj küvetleri aşağıda listelenen teknik özelliklere ilaveten; plastik **iki basamaklı merdiveni, ısı izolasyonlu kış örtüsü** ile kompledir. Akrilik gövde dış tarafından Poli Üretan izolasyonla ısı kaybına karşı izole edilmiştir.

Classic Series SPA:
Classic Series SPA uses Classic Skirt, standard configurations, and there are lots of models and colors for you to choose. If you need a higher standard configurations massage pool, this is a good choice, each model has its own characteristics.
This series SPA has an intelligent, easy to operate control system, it's convenient for customer to use and choose the best massage mode.High efficiency/quality water pumps. Air bubble function, bluetooth system, heating system, cascade system, light system and so on.

Kod/Code	Ürün/Description	Boyut/Dimensions	Etek/Skirt
151140	**SPA BS-691-Bulut Siyahı/**Cloud Black	2350x2350x900mm	Kızıl Kahve/Red Brown
151141	**SPA BS-691-Okyanus Mavisi/**Ocean Blue	2350x2350x900mm	Kızıl Kahve/Red Brown
151142	**SPA BS-691-Bulut Beyazı/**Cloud White	2350x2350x900mm	Gri/Grey





151142



151140



151141

Teknik Özellikler/Technical Specs:

Boyutlar/Dimensions: 2350 x 2350 x 900 mm
Kontrol Sistemi/Control System: 1 set

Pompalar/Pumps
Masaj Jet Pompaları/Jet Pumps: 2 x 2.2kW
Hava Körüğü/Blower: 1 x 0.7kW
Hava Nozulu/Air Nozzle: 24 pcs

Jet/Jets: 5"dönen jet/Rotating jet: 2 pcs
5" jet: 3 pcs
4,5"dönen jet/Rotating jet: 6 pcs
3,5"dönen jet: 9 pcs
3,5" jet: 7 pcs
2,5"dönen jet/Rotating jet: 18 pcs
2,5" jet: 18 pcs

Hava Ayarlayıcı/Air Regulator: 3 pcs

Standart Kabuk/Shell: Akrilik/Acrylic
Etek/Skirt: PS Kompozit

Filtre Pompası/Filtration Pump: 1 x 0.25kW
Filtre/Filter: 1 pc
• **UV Light**

Isıtıcı/Heater: 1 x 3kW
Ozon/Ozone System: 1pc
LED: 5" LED 1 pc
Small LED 14 pcs

Su Tahliye/Drain: 1 pc
Su Emiş/Suctions: 4 pcs
Su Yönlendirici/Diverter: 1 pc
Parmak Fıskiye/Comet: 2 pcs

Hacim/Volume (m³): 1.4m³
Koltuk/Seat: 5 pcs
Yastık/Pillow: 2 pcs
Hoparlör/Speaker: 2 pcs
Merdiven/Stairs: 1 pc
Toplam Güç/Total power: 8.35kW
Elektrik/Electric: 220 V / 50Hz
Ambalaj/Package: Kontrplak kasa/
Plywood case





Merdiven/Stair: 2 Basamaklı Merdiven (Gri)
2 Steps-Stairs (Grey)

Firmamız, müşteriye ihbarda bulunmaksızın liste muhteviyatı tüm ürünlerinde değişiklik yapma hakkını mahfuz tutar.
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SPA BS-194

6 Kişilik Akrilik Lüks Masaj Küveti-SPA

6 Persons Luxury Hot Tub Spa

Klasik Seri SPA:
Taşıyıcı iskelet üzerinde kompozit kaplamalı eteği ile standart özelliklerdedir. Renk seçenekleri mevcuttur. Yüksek standartlara sahip bir masaj havuzu isteyenler için iyi bir seçenektir.

Bu seri SPA'lar, akıllı ve kullanımı kolay bir kontrol sistemi ile donatılmıştır. Kulanıcıların kendileri için en iyi masaj modunu seçmeleri son derece kolaydır. Yüksek verimli/kaliteli masaj ve filtrasyon pompaları ile birlikte hava masajı fonksiyonu, bluetoothlu ses sistemi, ısıtma sistemi, LED'li ışık sistemi ve benzeri özellikler sunulmaktadır.

Tüm masaj küvetleri aşağıda listelenen teknik özelliklere ilaveten; plastik **iki basamaklı merdiveni, ısı izolasyonlu kış örtüsü** ile kompledir. Akrilik gövde dış tarafından Poli Üretan izolasyonla ısı kaybına karşı izole edilmiştir.

Classic Series SPA:
Classic Series SPA uses Classic Skirt, standard configurations, and there are lots of models and colors for you to choose. If you need a higher standard configurations massage pool, this is a good choice, each model has its own characteristics.
This series SPA has an intelligent, easy to operate control system, it's convenient for customer to use and choose the best massage mode.High efficiency/quality water pumps. Air bubble function, bluetooth system, heating system, cascade system, light system and so on.

Kod/Code	Ürün/Description	Boyut/Dimensions	Etek/Skirt
151143	**SPA BS-194-Bulut Beyazı/**Cloud White	2220x2220x890mm	Gri/Grey





Teknik Özellikler/Technical Specs:

Boyutlar/Dimensions: 2200 x 2200 x 890 mm
Kontrol Sistemi/Control System: 1 set

Pompalar/Pumps
Masaj Jet Pompaları/Jet Pumps: 2 x 1.5kW
Hava Körüğü/Blower: 1 x 0.7kW
Hava Nozulu/Air Nozzle: 24 pcs

Jet/Jets: 5" LED'li dönen jet/Rotating jet: 3 pcs
5" power jet: 1 pc
3,5"dönen jet: 3 pcs
3/4" jet: 52 pcs
Baloncuklu ışık jet/
light with bubble Jet: 4 pcs
Air bubble Jet: 12pcs

Hava Ayarlayıcı/Air Regulator: 2 pcs

Standart Kabuk/Shell: Akrilik/Acrylic
Etek/Skirt: PS Kompozit

Filtre Pompası/Filtration Pump: 1 x 0.25kW
Filtre/Filter: 1 pc
• **UV Light**

Isıtıcı/Heater: 1 x 3kW
Ozon/Ozone System: 1pc
LED: 5" LED 1 pc
Su Tahliye/Drain: 1 pc
Su Emiş/Suctions: 4 pcs
Su Yönlendirici/Diverter: 2 pcs

Hacim/Volume (m³): 1.1m³
Koltuk/Seat: 6 pcs
Yastık/Pillow: 4 pcs
Hoparlör/Speaker: 2 pcs
Merdiven/Stairs: 1 pc
Toplam Güç/Total power: 6.95kW
Elektrik/Electric: 220 V / 50Hz
Ambalaj/Package: Kontrplak kasa/
Plywood case







Merdiven/Stair: 2 Basamaklı Merdiven (Gri)
2 Steps-Stairs (Grey)

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SPA BS-391

5 Kişilik Akrilik Üstten Taşmalı Lüks Masaj Küveti-SPA

5 Persons Luxury Overflow Hot Tub Spa

Klasik Seri SPA:
Taşıyıcı iskelet üzerinde kompozit kaplamalı eteği ile standart özelliklerdedir. Renk seçenekleri mevcuttur. Yüksek standartlara sahip bir masaj havuzu isteyenler için iyi bir seçenektir.

Bu seri SPA'lar, akıllı ve kullanımı kolay bir kontrol sistemi ile donatılmıştır. Kulanıcıların kendileri için en iyi masaj modunu seçmeleri son derece kolaydır. Yüksek verimli/kaliteli masaj ve filtrasyon pompaları ile birlikte hava masajı fonksiyonu, bluetoothlu ses sistemi, ısıtma sistemi, LED'li ışık sistemi, şelale, taşma tankı ve benzeri özellikler sunulmaktadır.

Tüm masaj küvetleri aşağıda listelenen teknik özelliklere ilaveten; plastik **iki basamaklı merdiveni, ısı izolasyonlu kış örtüsü** ile kompledir. Akrilik gövde dış tarafından Poli Üretan izolasyonla ısı kaybına karşı izole edilmiştir.

Classic Series SPA:
Classic Series SPA uses Classic Skirt, standard configurations, and there are lots of models and colors for you to choose. If you need a higher standard configurations massage pool, this is a good choice, each model has its own characteristics.
This series SPA has an intelligent, easy to operate control system, it's convenient for customer to use and choose the best massage mode.High efficiency/quality water pumps. Air bubble function, bluetooth system, heating system, cascade system, light system and so on.

Kod/Code	Ürün/Description	Boyut/Dimensions	Etek/Skirt
151144	**SPA BS-391-Bulut Beyazı/**Cloud White	Ø2300x900mm	Gri/Grey



Teknik Özellikler/Technical Specs:

Boyutlar/Dimensions: Ø2300 x 900 mm
Kontrol Sistemi/Control System: 1 set

Pompalar/Pumps
Masaj Jet Pompaları/Jet Pumps: 2 x 1.5kW
Hava Körüğü/Blower: 1 x 0.7kW
Hava Nozulu/Air Nozzle: 24 pcs

Jet/Jets: 5" LED'li dönen jet/Rotating jet: 2 pcs
3,5" LED'li dönen jet/Rotating jet: 3 pcs
2,5"dönen jet/Rotating jet: 20 pcs
3/5" jet: 31 pcs

Hava Ayarlayıcı/Air Regulator: 2 pcs

Standart Kabuk/Shell: Akrilik/Acrylic
Etek/Skirt: PS Kompozit

Filtre Pompası/Filtration Pump: 1 x 0.25kW
Filtre/Filter: 1 pc
• **UV Light**

Isıtıcı/Heater: 1 x 3kW
Ozon/Ozone System: 1pc
LED : 5" LED 1 pc
Small LED 10 pcs

Su Tahliye/Drain: 1 pc
Su Emiş/Suctions: 4 pcs
Su Yönlendirici/Diverter: 2 pcs
Şelale/Waterfall: 1 pc

Hacim/Volume (m³): 1.7m³
Koltuk/Seat: 5 pcs
Yastık/Pillow: 2 pcs
Hoparlör/Speaker: 2 pcs
Merdiven/Stairs: 1 pc
Toplam Güç/Total power: 6.95kW
Elektrik/Electric: 220 V / 50Hz
Ambalaj/Package: Kontrplak kasa/
Plywood case



Merdiven/Stair: 2 Basamaklı Merdiven (Gri)
2 Steps-Stairs (Grey)

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SPA BS-192H

6 Kişilik Akrilik Lüks Masaj Küveti-SPA

6 Persons Luxury Hot Tub Spa

H Serisi:
Taşıyıcı iskelet üzerinde kompozit kaplamalı eteği ile standart özelliklerdedir. Renk seçenekleri mevcuttur. Yüksek standartlara sahip bir masaj havuzu isteyenler için iyi bir seçenektir.

Bu seri SPA'lar, akıllı ve kullanımı kolay bir kontrol sistemi ile donatılmıştır. Kulanıcıların kendileri için en iyi masaj modunu seçmeleri son derece kolaydır. Yüksek verimli/kaliteli masaj ve filtrasyon pompaları ile birlikte hava masajı fonksiyonu, bluetoothlu ses sistemi, ısıtma sistemi, LED'li ışık sistemi, ozon, UV dezenfeksiyon, şelale ve benzeri özellikler sunulmaktadır.

Tüm masaj küvetleri aşağıda listelenen teknik özelliklere ilaveten; plastik **iki basamaklı merdiveni, ısı izolasyonlu kış örtüsü** ile kompledir. Akrilik gövde dış tarafından Poli Üretan izolasyonla ısı kaybına karşı izole edilmiştir.

H Series:
H Series SPA uses Classic Skirt, standard configurations, and there are lots of models and colors for you to choose. If you need a higher standard configurations massage pool, this is a good choice, each model has its own characteristics.
This series SPA has an intelligent, easy to operate control system, it's convenient for customer to use and choose the best massage mode.High efficiency/quality water pumps. Air bubble function, bluetooth system, heating system, cascade system, light system and so on.

Kod/Code	Ürün/Description	Boyut/Dimensions	Etek/Skirt
151145	**SPA BS-192H-Bulut Mavisi/**Cloud Blue	2080x2080x890mm	Gri/Grey
151146	**SPA BS-192H-İnci Beyazı/**Pearl White	2080x2080x890mm	Kahve Rengi/Coffee Color





151146



151145

Teknik Özellikler/Technical Specs:

Boyutlar/Dimensions: 2080 x 2080 x 890 mm
Kontrol Sistemi/Control System: 1 set

Pompalar/Pumps
Masaj Jet Pompaları/Jet Pumps: 2 x 1.5kW
Hava Körüğü/Blower: 1 x 0.7kW
Hava Nozulu/Air Nozzle: 24 pcs

Jet/Jets: 5" LED jet: 3 pcs
3" LED jet: 6 pcs
2" jet: 8 pcs
1" jet: 34 pcs
Air bubble Jet: 10pcs

Hava Ayarlayıcı/Air Regulator: 2 pcs

Standart Kabuk/Shell: Akrilik/Acrylic
Etek/Skirt: PS Kompozit

Filtre Pompası/Filtration Pump: 1 x 0.25kW
Filtre/Filter: 1 pc
• **UV Light**

Isıtıcı/Heater: 1 x 3kW
Ozon/Ozone System: 1pc
LED: 5" LED 1 pc
Su Tahliye/Drain: 1 pc
Su Emiş/Suctions: 4 pcs
Su Yönlendirici/Diverter: 2 pcs
Şelale/Waterfall: 1 pc
Şelale Anahtarı/Waterfall Switch: 1 pc

Hacim/Volume (m³): 1.1m³
Koltuk/Seat: 6 pcs
Yastık/Pillow: 4 pcs
Hoparlör/Speaker: 2 pcs
Merdiven/Stairs: 1 pc
Toplam Güç/Total power: 6.95kW
Elektrik/Electric: 220 V / 50Hz
Ambalaj/Package: Kontrplak kasa/
Plywood case





Merdiven/Stair: 2 Basamaklı Merdiven (Gri)
2 Steps-Stairs (Grey)

Firmamız, müşteriye ihbarda bulunmaksızın liste muhteviyatı tüm ürünlerinde değişiklik yapma hakkını mahfuz tutar.
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SPA BS-694H

7 Kişilik Akrilik Lüks Masaj Küveti-SPA

7 Persons Luxury Hot Tub Spa

H Serisi:
Taşıyıcı iskelet üzerinde kompozit kaplamalı eteği ile standart özelliklerdedir. Renk seçenekleri mevcuttur. Yüksek standartlara sahip bir masaj havuzu isteyenler için iyi bir seçenektir.

Bu seri SPA'lar, akıllı ve kullanımı kolay bir kontrol sistemi ile donatılmıştır. Kulanıcıların kendileri için en iyi masaj modunu seçmeleri son derece kolaydır. Yüksek verimli/kaliteli masaj ve filtrasyon pompaları ile birlikte hava masajı fonksiyonu, bluetoothlu ses sistemi, ısıtma sistemi, LED'li ışık sistemi ve benzeri özellikler sunulmaktadır.

Tüm masaj küvetleri aşağıda listelenen teknik özelliklere ilaveten; plastik **iki basamaklı merdiveni, ısı izolasyonlu kış örtüsü** ile kompledir. Akrilik gövde dış tarafından Poli Üretan izolasyonla ısı kaybına karşı izole edilmiştir.

H Series:
H Series SPA uses Classic Skirt, standard configurations, and there are lots of models and colors for you to choose. If you need a higher standard configurations massage pool, this is a good choice, each model has its own characteristics.
This series SPA has an intelligent, easy to operate control system, it's convenient for customer to use and choose the best massage mode.High efficiency/quality water pumps. Air bubble function, bluetooth system, heating system, cascade system, light system and so on.

Kod/Code	Ürün/Description	Boyut/Dimensions	Etek/Skirt
151147	**SPA BS-694H-Bulut Beyazı/**Cloud White	2200x2200x900mm	Gri/Grey
151148	**SPA BS-694H-Okyanus Mavisi/**Ocean Blue	2200x2200x900mm	Gri/Grey





151147



151148

Teknik Özellikler/Technical Specs:

Boyutlar/Dimensions: 2200 x 2200 x 900 mm
Kontrol Sistemi/Control System: 1 set

Pompalar/Pumps
Masaj Jet Pompaları/Jet Pumps: 1 x 1.5kW
1 x 2.2kW
Hava Körüğü/Blower: 1 x 0.7kW
Hava Nozulu/Air Nozzle: 24 pcs

Jet/Jets: 5" Power LED jet: 1 pc
5" LED jet: 13 pcs
4" LED jet: 1 pc
3" LED jet: 15 pcs
1" jet: 8 pcs
Air bubble Jet: 12 pcs

Hava Ayarlayıcı/Air Regulator: 2 pcs

Standart Kabuk/Shell: Akrilik/Acrylic
Etek/Skirt: PS Kompozit

Filtre Pompası/Filtration Pump: 1 x 0.25kW
Filtre/Filter: 1 pc
• **UV Light**

Isıtıcı/Heater: 1 x 3kW
Ozon/Ozone System: 1pc
LED: 5" LED 1 pc
Su Tahliye/Drain: 1 pc
Su Emiş/Suctions: 4 pcs
Su Yönlendirici/Diverter: 2 pcs
Parmak Fıskiye/Comet: 2 pcs
Fıskiye Anahtarı/Fountain switch: 1 pc

Hacim/Volume (m³): 1.2m³
Koltuk/Seat: 7 pcs
Yastık/Pillow: 3 pcs
Merdiven/Stairs: 1 pc
Toplam Güç/Total power: 7.65kW
Elektrik/Electric: 220 V / 50Hz
Ambalaj/Package: Kontrplak kasa/
Plywood case





Merdiven/Stair: 2 Basamaklı Merdiven (Gri)
2 Steps-Stairs (Grey)

Firmamız, müşteriye ihbarda bulunmaksızın liste muhteviyatı tüm ürünlerinde değişiklik yapma hakkını mahfuz tutar.
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SPA BS-593H

6 Kişilik Akrilik Lüks Masaj Küveti-SPA

6 Persons Luxury Hot Tub Spa

H Serisi:
Taşıyıcı iskelet üzerinde kompozit kaplamalı eteği ile standart özelliklerdedir. Renk seçenekleri mevcuttur. Yüksek standartlara sahip bir masaj havuzu isteyenler için iyi bir seçenektir.

Bu seri SPA'lar, akıllı ve kullanımı kolay bir kontrol sistemi ile donatılmıştır. Kulanıcıların kendileri için en iyi masaj modunu seçmeleri son derece kolaydır. Yüksek verimli/kaliteli masaj ve filtrasyon pompaları ile birlikte hava masajı fonksiyonu, bluetoothlu ses sistemi, ısıtma sistemi, LED'li ışık sistemi ve benzeri özellikler sunulmaktadır.

Tüm masaj küvetleri aşağıda listelenen teknik özelliklere ilaveten; plastik **iki basamaklı merdiveni, ısı izolasyonlu kış örtüsü** ile kompledir. Akrilik gövde dış tarafından Poli Üretan izolasyonla ısı kaybına karşı izole edilmiştir.

H Series:
H Series SPA uses Classic Skirt, standard configurations, and there are lots of models and colors for you to choose. If you need a higher standard configurations massage pool, this is a good choice, each model has its own characteristics.
This series SPA has an intelligent, easy to operate control system, it's convenient for customer to use and choose the best massage mode.High efficiency/quality water pumps. Air bubble function, bluetooth system, heating system, cascade system, light system and so on.

Kod/Code	Ürün/Description	Boyut/Dimensions	Etek/Skirt
151149	**SPA BS-593H-İnci Beyazı/**Pearl White	2360x2260x900mm	Gri/Grey
151150	**SPA BS-593H-Bulut Mavisi/**Cloud Blue	2360x2260x900mm	Gri/Grey





151149



151150

Teknik Özellikler/Technical Specs:

Boyutlar/Dimensions: 2360 x 2260 x 900 mm
Kontrol Sistemi/Control System: 1 set

Pompalar/Pumps
Masaj Jet Pompaları/Jet Pumps: 2 x 1.5kW
Hava Körüğü/Blower: 1 x 0.7kW
Hava Nozulu/Air Nozzle: 24 pcs

Jet/Jets: 5" LED jet: 3 pcs
4" LED jet: 5 pcs
3" jet: 14 pcs
2" jet: 2 pcs
1" jet: 41 pcs
Air bubble Jet: 10 pcs

Hava Ayarlayıcı/Air Regulator: 4 pcs

Standart Kabuk/Shell: Akrilik/Acrylic
Etek/Skirt: PS Kompozit

Filtre Pompası/Filtration Pump: 1 x 0.25kW
Filtre/Filter: 1 pc
• **UV Light**

Isıtıcı/Heater: 1 x 3kW
Ozon/Ozone System: 1pc
LED: 5" LED 1 pc
Su Tahliye/Drain: 1 pc
Su Emiş/Suctions: 4 pcs
Su Yönlendirici/Diverter: 2 pcs
Parmak Fıskiye/Comet: 3 pcs
Fiskiye Anahtarı/Comet Switch: 1 pc

Hacim/Volume (m³): 1.4m³
Koltuk/Seat: 6 pcs
Yastık/Pillow: 3 pcs
Merdiven/Stairs: 1 pc
Toplam Güç/Total power: 6.95kW
Elektrik/Electric: 220 V / 50Hz
Ambalaj/Package: Kontrplak kasa/ Plywood case





Merdiven/Stair: 2 Basamaklı Merdiven (Gri)
2 Steps-Stairs (Grey)

Firmamız, müşteriye ihbarda bulunmaksızın liste muhteviyatı tüm ürünlerinde değişiklik yapma hakkını mahfuz tutar.
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16 Fountain Nozzles & Footed or Staked - Underwater/Landscape Lights 3



Cascade Nozzles - Stainless Steel





161141 - 161151



Water level dependant foam-effect nozzles, should be operated under water level. Completely made of AISI 304 quality stainless steel.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• **Cascade (50T)** 1" Male threaded:	**161161**	1		
Articulated. Ø50 mm water column				
• **Cascade (70T)** 1,5" Male threaded:	**161121**	1		
Articulated. Ø75 mm water column				
• **Cascade (90T)** 2" Male threaded:	**161131**	1		
Articulated. Ø97 mm water column				
• **Cascade (110T)** 2,5" Female threaded:	**161141**	1		
Articulated. Ø117 mm water column				
• **Cascade (130T)** 3" Female threaded:	**161151**	1		
Articulated. Ø135 mm water column				



161161



161121



161131

Cascade Nozzles - Bronze



16115

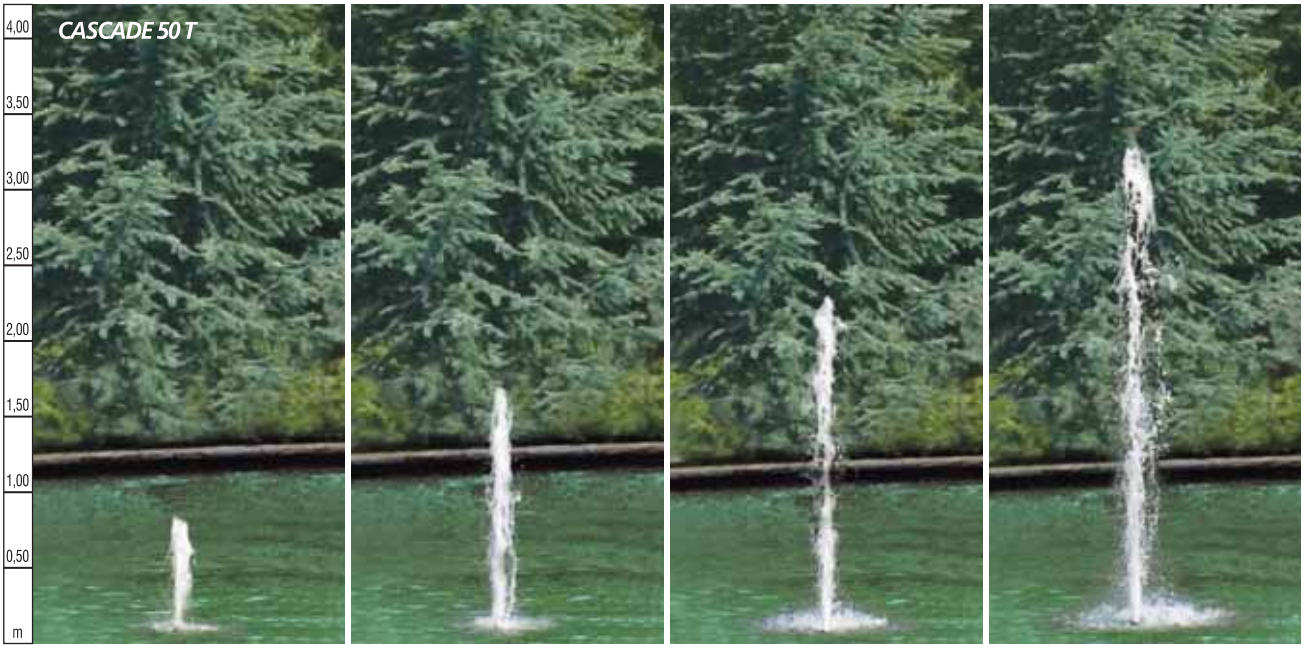
Water level dependant foam-effect nozzles, should be operated under water level. Completely made of bronze.

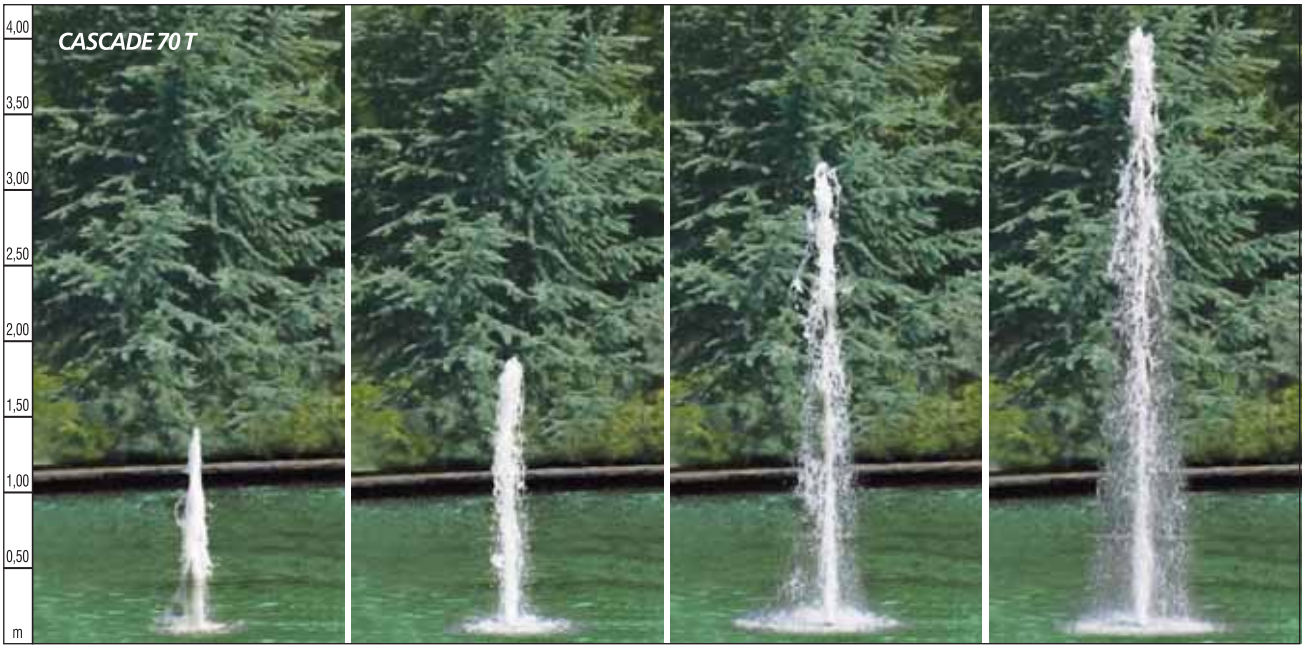
Description	Code	Pieces/ box	Weight Kg	Volume m^3
• **Cascade (50T)** 1" Female threaded:	**16111**	1	0,722	0,0006
Articulated. Ø50 mm water column				
• **Cascade (70T)** 1,5" Female threaded:	**16112**	1	1,828	0,0015
Articulated. Ø75 mm water column				
• **Cascade (90T)** 2" Female threaded:	**16113**	1	2,346	0,0023
Articulated. Ø97 mm water column				
• **Cascade (110T)** 2,5" Female threaded:	**16114**	1	2,732	0,0045
Articulated. Ø117 mm water column				
• **Cascade (130T)** 3" Female threaded:	**16115**	1	14,194	0,0130
Articulated. Ø135 mm water column				

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_Flow and Pressure Chart for Fountain Nozzles

Cascade Nozzles



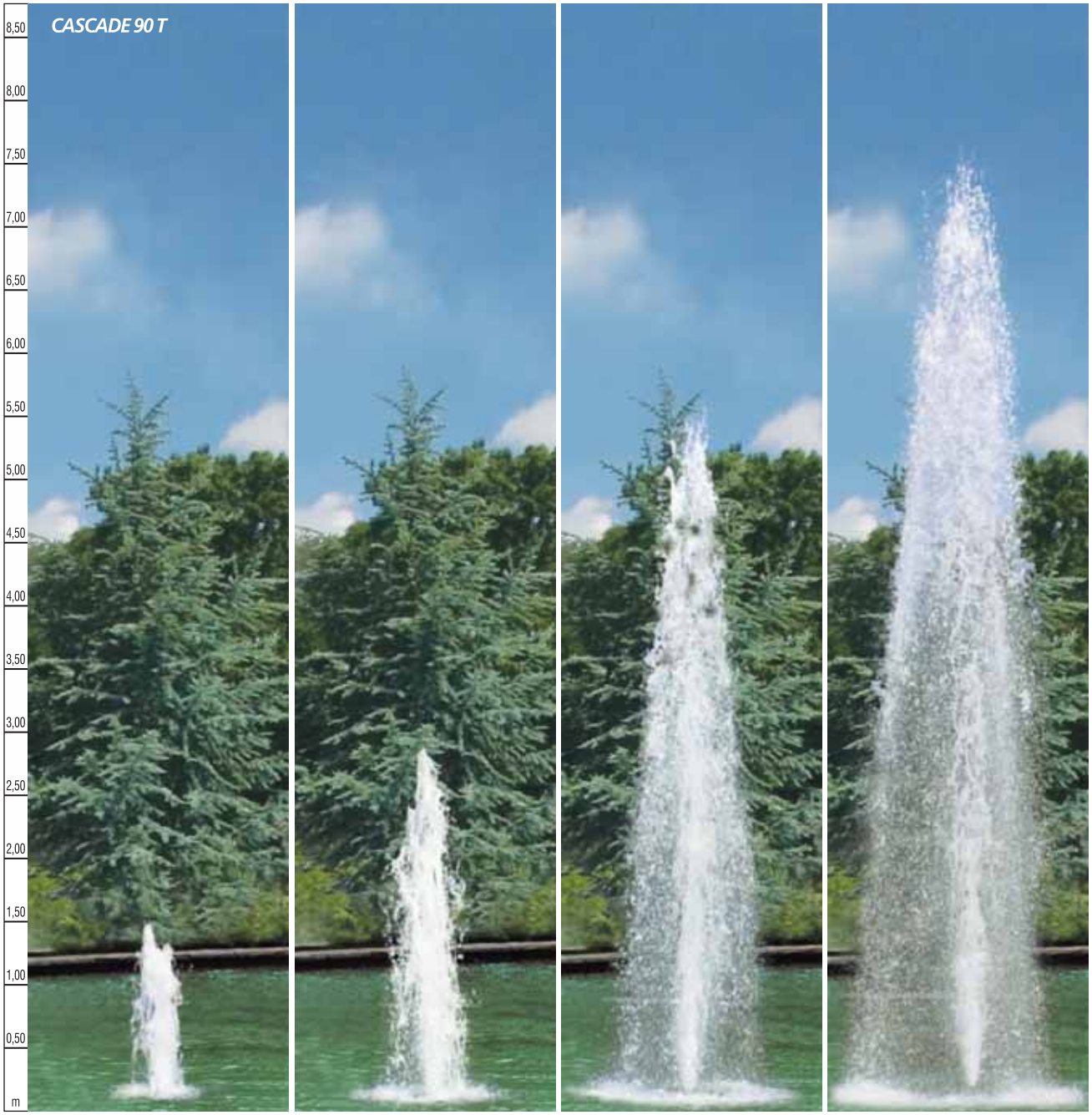


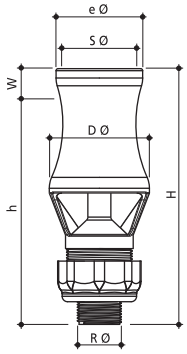
Flow and Pressure Indicators According to Nozzles Squirt Height

Squirt Height	CASCADE 50 T			CASCADE 70 T			CASCADE 90 T			CASCADE 110 T			CASCADE 130 T		
	Flow m^3/h	Pressure requirement mSS	atm	Flow m^3/h	Pressure requirement mSS	atm	Flow m^3/h	Pressure requirement mSS	atm	Flow m^3/h	Pressure requirement mSS	atm	Flow m^3/h	Pressure requirement mSS	atm
0,25 m	1,37	1,1	0,11	2,62	0,8	0,08									
0,50 m	1,93	2,1	0,21	3,70	1,5	0,15	7,39	1,9	0,19						
0,75 m	2,36	3,2	0,32	4,54	2,3	0,23	8,59	2,6	0,26						
1,00 m	2,73	4,2	0,42	5,24	3,1	0,31	9,65	3,3	0,33	14,44	3,0	0,30	20,72	3,0	0,30
1,50 m	3,35	6,4	0,63	6,42	4,6	0,46	11,46	4,7	0,47	17,41	4,4	0,44	25,01	4,4	0,44
2,00 m	3,86	8,5	0,85	7,42	6,2	0,62	13,04	6,0	0,60	19,95	5,8	0,58	28,67	5,8	0,58
2,50 m	4,32	10,6	1,06	8,29	7,7	0,77	14,43	7,4	0,74	22,20	7,2	0,72	31,91	7,1	0,71
3,00 m	4,73	12,7	1,27	9,08	9,2	0,92	15,70	8,7	0,87	24,24	8,5	0,85	34,86	8,5	0,85
4,00 m	5,46	16,9	1,69	10,49	12,3	1,23	18,00	11,5	1,15	27,87	11,3	1,13	40,10	11,3	1,13
5,00 m				11,73	15,4	1,54	20,00	14,2	1,42	31,09	14,0	1,40	44,73	14,0	1,40
6,00 m				12,85	18,5	1,85	21,85	16,9	1,69	34,00	16,8	1,68	48,93	16,8	1,68
8,00 m							25,12	22,4	2,24	39,18	22,3	2,23	56,39	22,3	2,23
10,00 m							28,00	27,8	2,78	43,75	27,8	2,78	62,97	27,8	2,78
12,00 m										47,88	33,3	3,33	68,93	33,3	3,33
14,00 m										51,69	38,8	3,88	74,42	38,8	3,88
16,00 m													79,52	44,3	4,43
18,00 m													84,32	49,8	4,98
20,00 m													88,86	55,3	5,53

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Cascade Nozzles



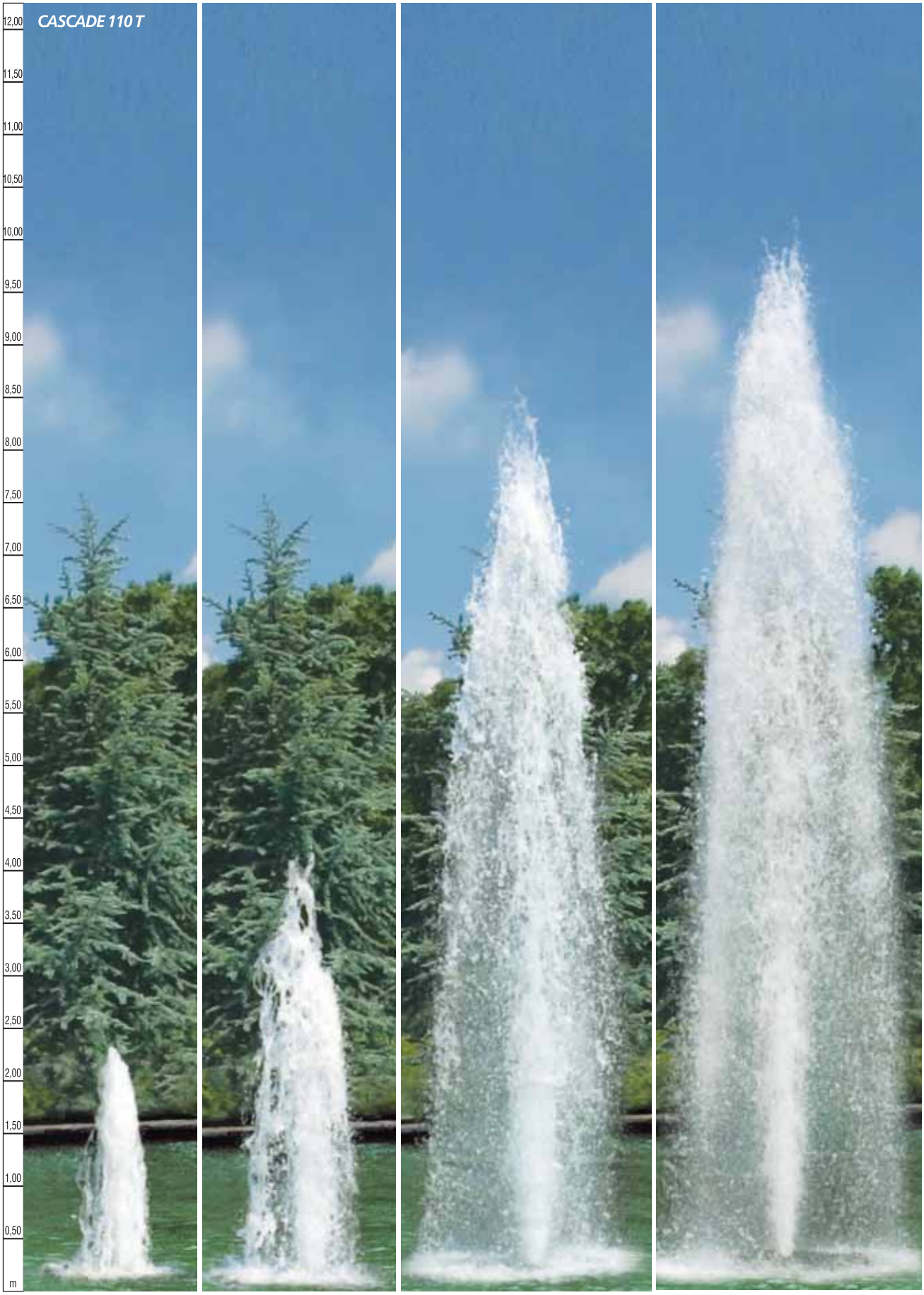


TECHNICAL CHARACTERISTICS

MODEL	50 T / 161111	70 T / 161121	90 T / 161131	110 T / 161141	130 T / 161151
S Ø (mm)	50	70	96	117	147
R Ø (mm)	32 (1")	40 (1 1/2")	50 (2")	65 (2 1/2)	80 (3")
D Ø (mm)	74	90	117	130	150
e Ø (mm)	63	82	110	120	150
H (mm)	190	240	283	240	330
h (mm)	170	215	253		
W (mm)	20	25	30		
WEIGHT (Kg)					

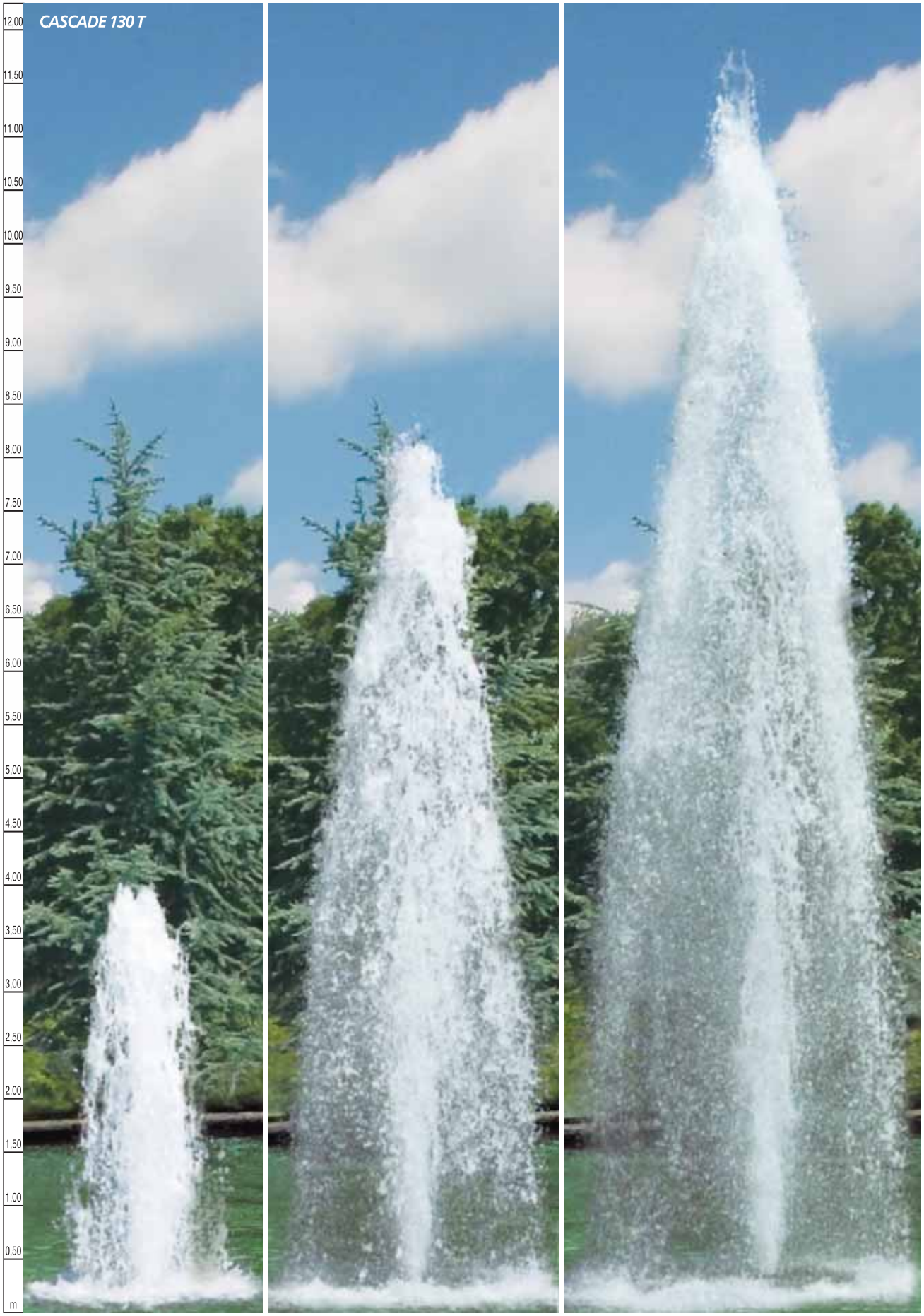
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Cascade Nozzles



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Cascade Nozzles

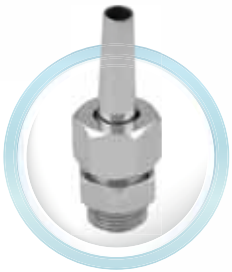


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Finger Nozzles - Bronze/Chrome plated

Made of bronze. Can be articulated up to 15°.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• **Finger (3-6T)** 3/8" Male Threaded.	**161211**	1	0,054	
Water spray dia. Ø6,0 mm				
• **Finger (5-8T)** 0,5 Male Threaded.	**161221**	1	0,086	
Water spray dia. Ø8 mm				
• **Finger (5-10T)** 0,5 Male Threaded.	**161222**	1	0,080	
Water spray dia. Ø10 mm				
• **Finger (10-12T)** 1" Male Threaded.	**161231**	1	0,246	
Water spray dia. Ø12 mm				



Finger Nozzles - Bronze/Chrome plated - Adjustable

Chrome plated bronze. Can be articulated up to 15°. Flow adjusting valve over fountain.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• **Finger (3-6T)** 3/8" Male Threaded.	**1612111**	1		
Water spray dia. Ø6,0 mm				
• **Finger (5-8T)** 0,5 Male Threaded.	**1612211**	1		
Water spray dia. Ø8 mm				
• **Finger (5-10T)** 0,5 Male Threaded.	**1612221**	1		
Water spray dia. Ø10,0 mm				
• **Finger (10-12T)** 1" Male Threaded.	**1612311**	1		
Water spray dia. Ø12,0 mm				



Finger Nozzles - Plastic/Chrome Plated - Adjustable

Chrome plated plastic. Can be articulated up to 15°. Flow adjusting valve over fountain.

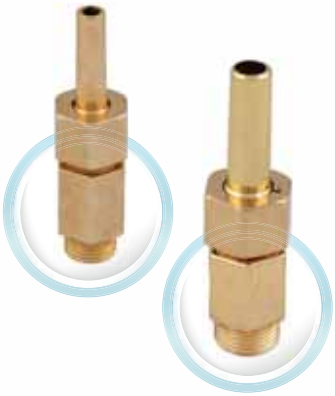
Description	Code	Pieces/ box	Weight Kg	Volume m^3
• **Finger (3-6T)** 3/8" Male Threaded.	**161211PCR**	1		
Water spray dia. Ø6,0 mm				
• **Finger (5-8T)** 0,5 Male Threaded.	**161221PCR**	1		
Water spray dia. Ø8 mm				
• **Finger (5-10T)** 0,5 Male Threaded.	**161222PCR**	1		
Water spray dia. Ø10 mm				
• **Finger (10-12T)** 1" Male Threaded.	**161231PCR**	1		
Water spray dia. Ø12 mm				



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Finger Nozzles - Plastic/Golden Plated - Adjustable

Made of plastic. Can be articulated up to 15°. (Please add unit prices for footed models)



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• **Finger (3-6T)** 3/8" Male Threaded. Water spray dia. Ø6,0 mm	**161211PG**	1		
• **Finger (5-8T)** 0,5 Male Threaded. Water spray dia. Ø8 mm	**161221PG**	1		
• **Finger (5-10T)** 0,5 Male Threaded. Water spray dia. Ø10 mm	**161222PG**	1		
• **Finger (10-12T)** 1" Male Threaded. Water spray dia. Ø12 mm	**161231PG**	1		

Finger Nozzles - Plastic/Chrome Plated - Adjustable

Made of plastic. Can be articulated up to 15°.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• **Finger (3-6T)** 3/8" Male Threaded. Water spray dia. Ø6,0 mm	**161211PC**	1		
• **Finger (5-8T)** 0,5 Male Threaded. Water spray dia. Ø8 mm	**161221PC**	1		
• **Finger (5-10T)** 0,5 Male Threaded. Water spray dia. Ø10 mm	**161222PC**	1		
• **Finger (10-12T)** 1" Male Threaded. Water spray dia. Ø12 mm	**161231PC**	1		

Finger Nozzles - Plastic/Black

Made of plastic. Can be articulated up to 15°.

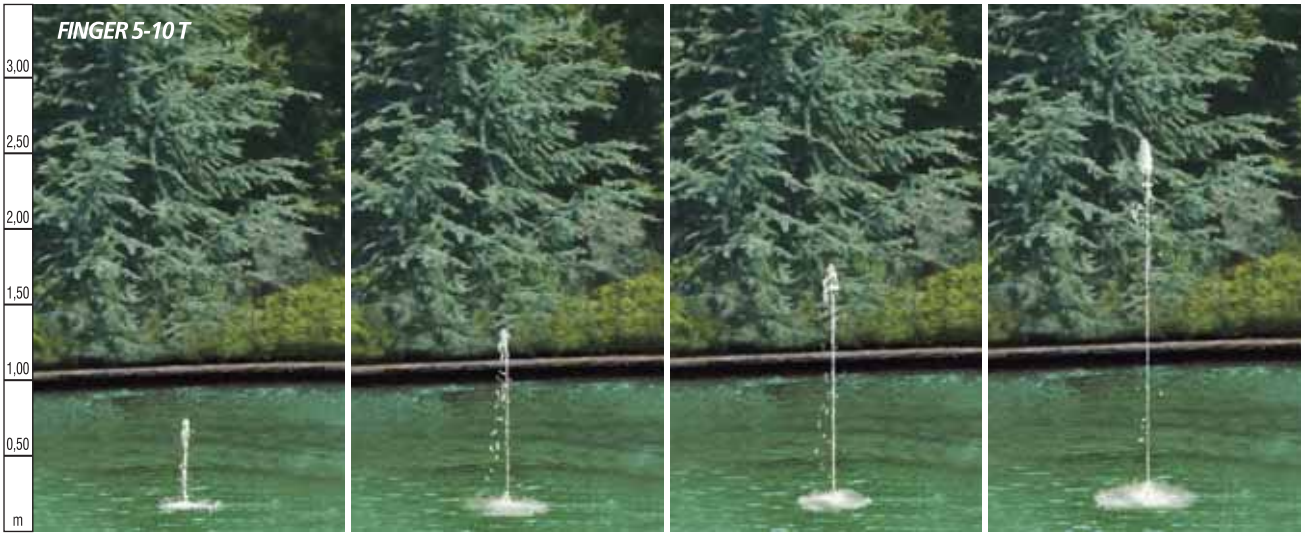


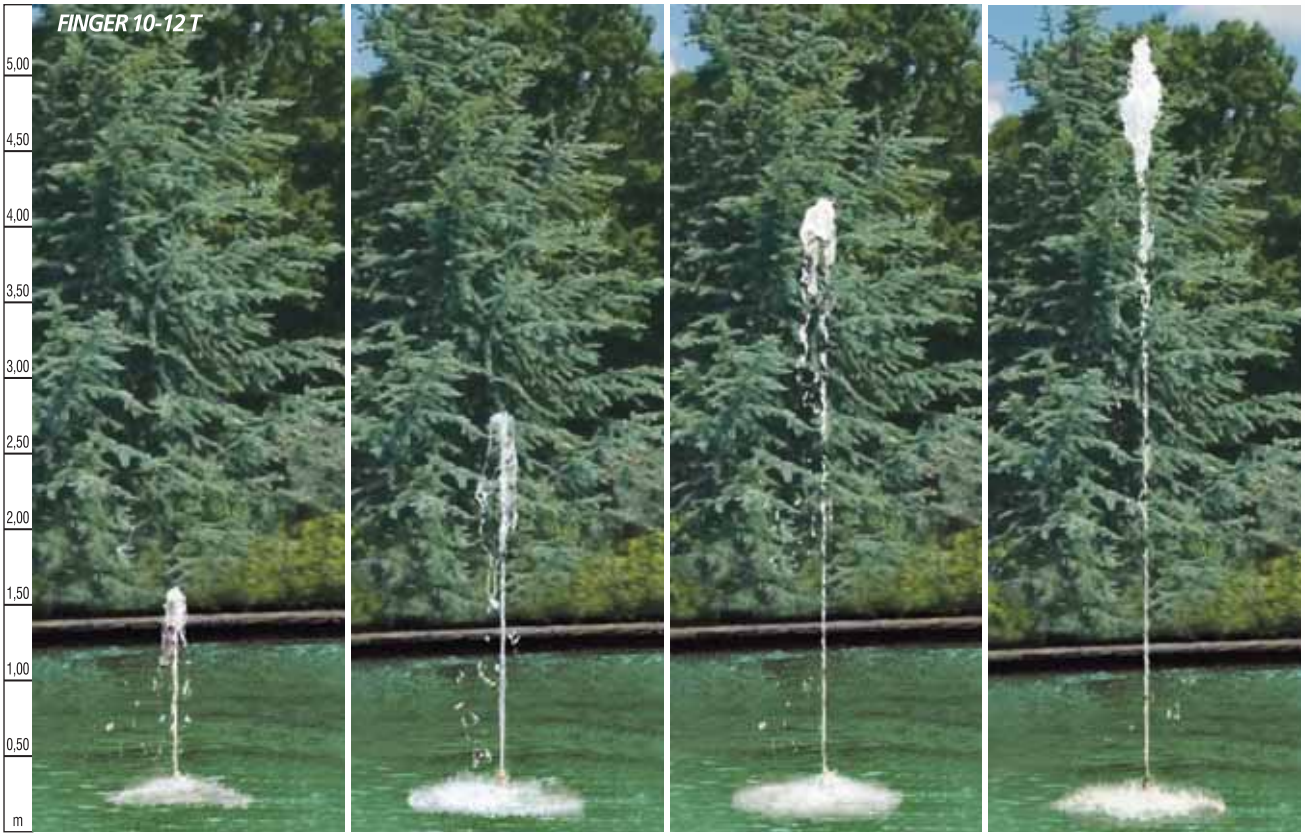
Description	Code	Pieces/ box	Weight Kg	Volume m^3
• **Finger (3-6T)** 3/8" Male Threaded. Water spray dia. Ø6,0 mm	**161211P**	1		
• **Finger (5-8T)** 0,5 Male Threaded. Water spray dia. Ø8 mm	**161221P**	1		
• **Finger (5-10T)** 0,5 Male Threaded. Water spray dia. Ø10 mm	**161222P**	1		
• **Finger (10-12T)** 1" Male Threaded. Water spray dia. Ø12 mm	**161231P**	1		

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_Flow and Pressure Chart for Fountain Nozzles

Finger Nozzles





Flow and Pressure Indicators According to Nozzles Squirt Height

Squirt Height	FINGER 3-6 T			FINGER 5-8 T			FINGER 5-10 T			FINGER 10-12 T		
	Flow m^3/h	Pressure requirement m / h	atm	Flow m^3/h	Pressure requirement m / h	atm	Flow m^3/h	Pressure requirement m / h	atm	Flow m^3/h	Pressure requirement m / h	atm
0,25 m	0,23	0,30	0,03	0,41	0,30	0,03	0,65	0,30	0,03			
0,50 m	0,33	0,60	0,06	0,59	0,60	0,06	0,92	0,60	0,06	1,32	0,60	0,06
0,75 m	0,40	0,90	0,09	0,72	0,90	0,09	1,13	0,90	0,09	1,63	0,90	0,09
1,00 m	0,47	1,20	0,12	0,84	1,20	0,12	1,31	1,20	0,12	1,89	1,20	0,12
1,25 m	0,53	1,51	0,15	0,94	1,51	0,15	1,47	1,51	0,15	2,12	1,51	0,15
1,50 m	0,58	1,81	0,18	1,04	1,81	0,18	1,62	1,81	0,18	2,33	1,81	0,18
2,00 m	0,68	2,42	0,24	1,21	2,42	0,24	1,88	2,42	0,24	2,72	2,42	0,24
2,50 m	0,76	3,03	0,30	1,36	3,03	0,30	2,13	3,03	0,30	3,06	3,03	0,30
3,00 m	0,84	3,64	0,36	1,50	3,64	0,36	2,35	3,64	0,36	3,38	3,64	0,36
4,00 m	0,99	4,88	0,49	1,76	4,88	0,49	2,76	4,88	0,49	3,97	4,88	0,49
5,00 m				2,00	6,12	0,61	3,13	6,12	0,61	4,51	6,12	0,61
6,00 m							3,48	7,37	0,74	5,01	7,37	0,74
8,00 m										5,96	9,91	0,99

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Geiser Nozzles - Stainless Steel





161341 - 161351



Water-level dependant foam-effect nozzles, should be operated under water level. Completely made in AISI 304 stainless steel and ABS plastic. Larger models (2,5" and 3") consist of threaded flange connection and massive stainless steel.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• **Geiser (20T)** - 1" Male threaded: Water spray nozzle dia. Ø20 mm	**161311**	1		
• **Geiser (40T)** - 1,5" Female threaded: Water spray nozzle dia. Ø40 mm	**161321**	1		
• **Geiser (60T)** - 2" Female threaded: Water spray nozzle dia. Ø60 mm	**161331**	1		
• **Geiser (80T)** - 2,5" Female threaded: Water spray nozzle dia. Ø80 mm	**161341**	1		
• **Geiser (100T)** - 3" Female threaded: Water spray nozzle dia. Ø100 mm	**161351**	1		



161311



161321



161331

Geiser Nozzles - Bronze



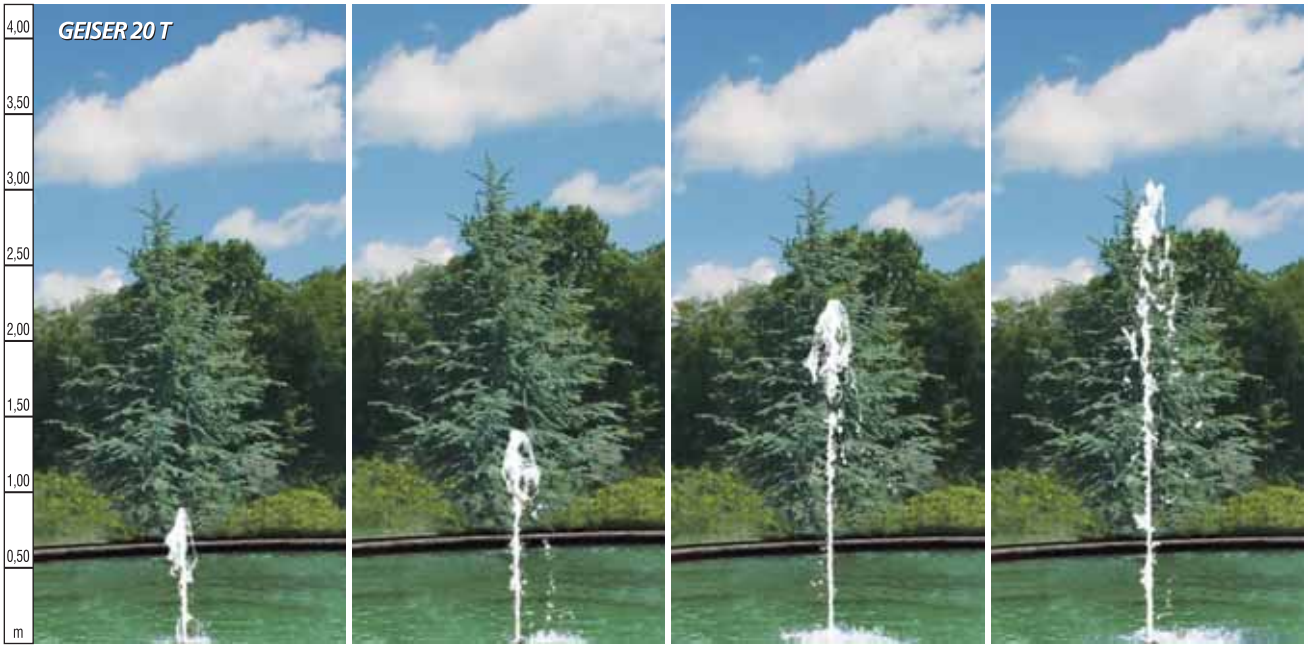
Water-level dependant foam-effect nozzles, should be operated under water level. Completely made in bronze.

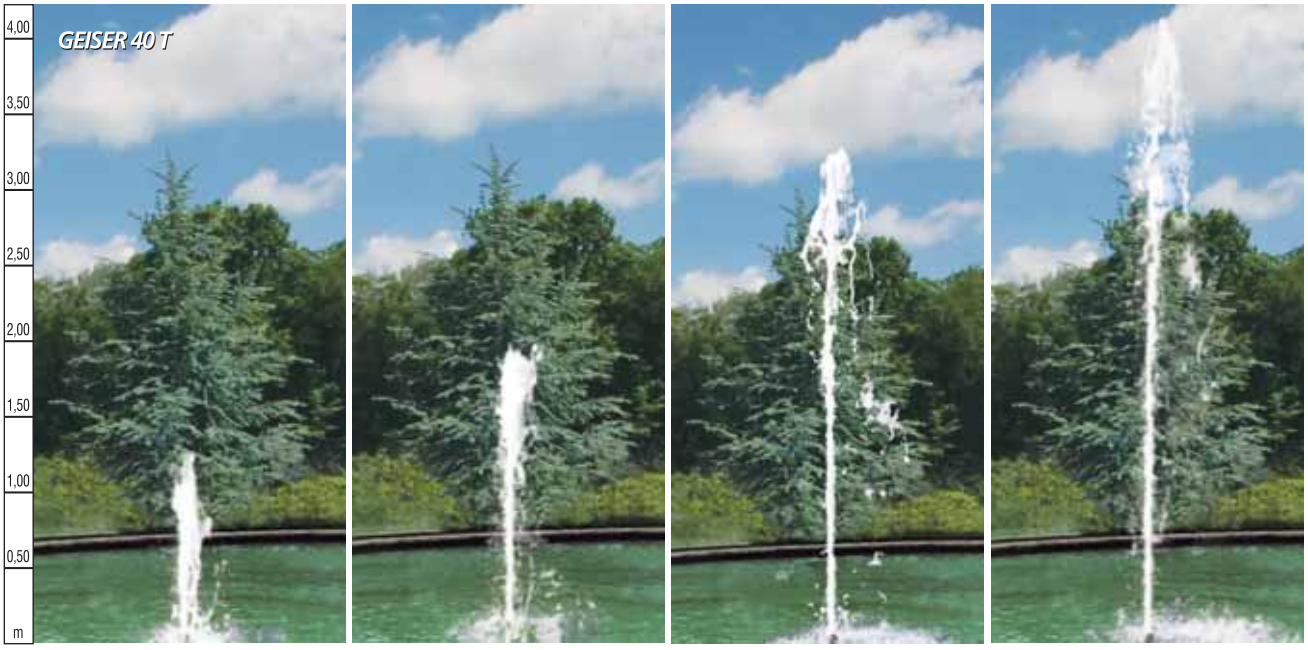
Description	Code	Pieces/ box	Weight Kg	Volume m^3
• **Geiser (20T)** - 1" Male threaded: Water spray nozzle dia. Ø20 mm	**16131**	1	1,054	
• **Geiser (40T)** - 1,5" Female threaded: Water spray nozzle dia. Ø40 mm	**16132**	1	3,882	
• **Geiser (60T)** - 2" Female threaded: Water spray nozzle dia. Ø60 mm	**16133**	1	3,210	
• **Geiser (80T)** - 2,5" Female threaded: Water spray nozzle dia. Ø80 mm	**16134**	1	10,730	
• **Geiser (100T)** - 3" Female threaded: Water spray nozzle dia. Ø100 mm	**16135**	1	15,200	

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_Flow and Pressure Chart for Fountain Nozzles

Geiser Nozzles



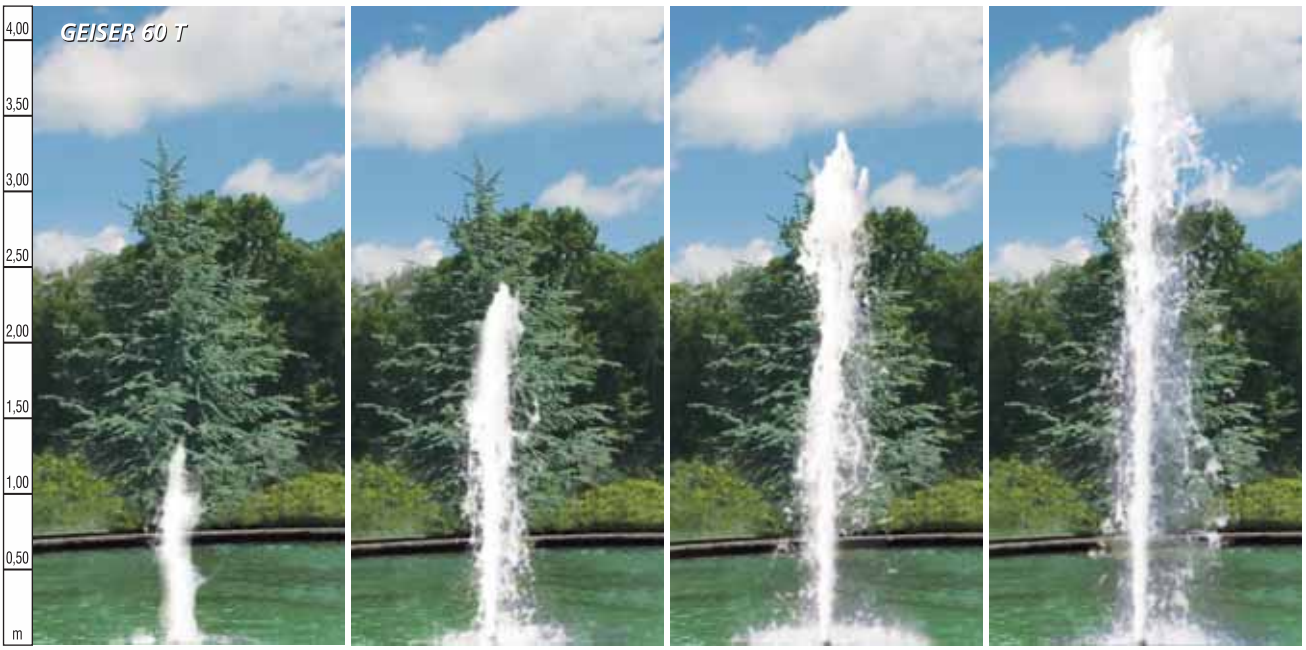


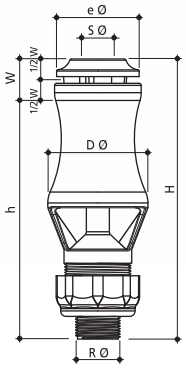
Flow and Pressure Indicators According to Nozzles Squirt Height

Squirt Height	GEISER 20 T			GEISER 40 T			GEISER 60 T			GEISER 80 T			GEISER 100 T		
	Flow m^3/h	Pressure requirement m / h	atm	Flow m^3/h	Pressure requirement m / h	atm	Flow m^3/h	Pressure requirement m / h	atm	Flow m^3/h	Pressure requirement m / h	atm	Flow m^3/h	Pressure requirement m / h	atm
0,50 m	1,83	1,9	0,19	4,05	1,8	0,18	7,90	2,2	0,22						
0,75 m	2,07	2,4	0,24	4,60	2,4	0,24	8,88	2,8	0,28						
1,00 m	2,28	3,0	0,30	5,08	2,9	0,29	9,78	3,4	0,34	15,62	3,5	0,35			
1,50 m	2,66	4,0	0,40	5,94	4,0	0,40	11,36	4,6	0,46	18,57	5,0	0,50			
2,00 m	3,00	5,1	0,51	6,68	5,0	0,50	12,74	5,8	0,58	21,10	6,5	0,65	31,14	6,8	0,68
2,50 m	3,29	6,2	0,62	7,35	6,1	0,61	13,98	6,9	0,69	23,37	7,9	0,79	34,00	8,1	0,81
3,00 m	3,57	7,2	0,72	7,97	7,1	0,71	15,12	8,1	0,81	25,44	9,4	0,94	36,62	9,4	0,94
4,00 m	4,06	9,4	0,94	9,08	9,2	0,92	17,19	10,5	1,05	29,13	12,3	1,23	41,39	12,0	1,20
5,00 m	4,50	11,5	1,15	10,06	11,3	1,13	19,03	12,8	1,28	32,41	15,2	1,52	45,66	14,6	1,46
6,00 m	4,90	13,6	1,36	10,96	13,5	1,35	20,70	15,2	1,52	35,38	18,2	1,82	49,56	17,2	1,72
8,00 m				12,56	17,7	1,77	23,70	19,9	1,99	40,68	24,0	2,40	56,52	22,4	2,24
10,00 m				13,98	21,9	2,19	26,37	24,6	2,46	45,37	29,9	2,99	62,79	27,6	2,76
12,50 m							29,36	30,5	3,05	50,62	37,2	3,72	69,80	34,1	3,41
15,00 m							32,07	36,4	3,64	55,37	44,5	4,45	76,16	40,6	4,06
17,50 m										59,75	51,8	5,18	82,04	47,1	4,71
20,00 m										63,83	59,1	5,91	87,51	53,6	5,36
25,00 m													97,55	66,6	6,66
30,00 m													106,65	79,6	7,96

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Geiser Nozzles



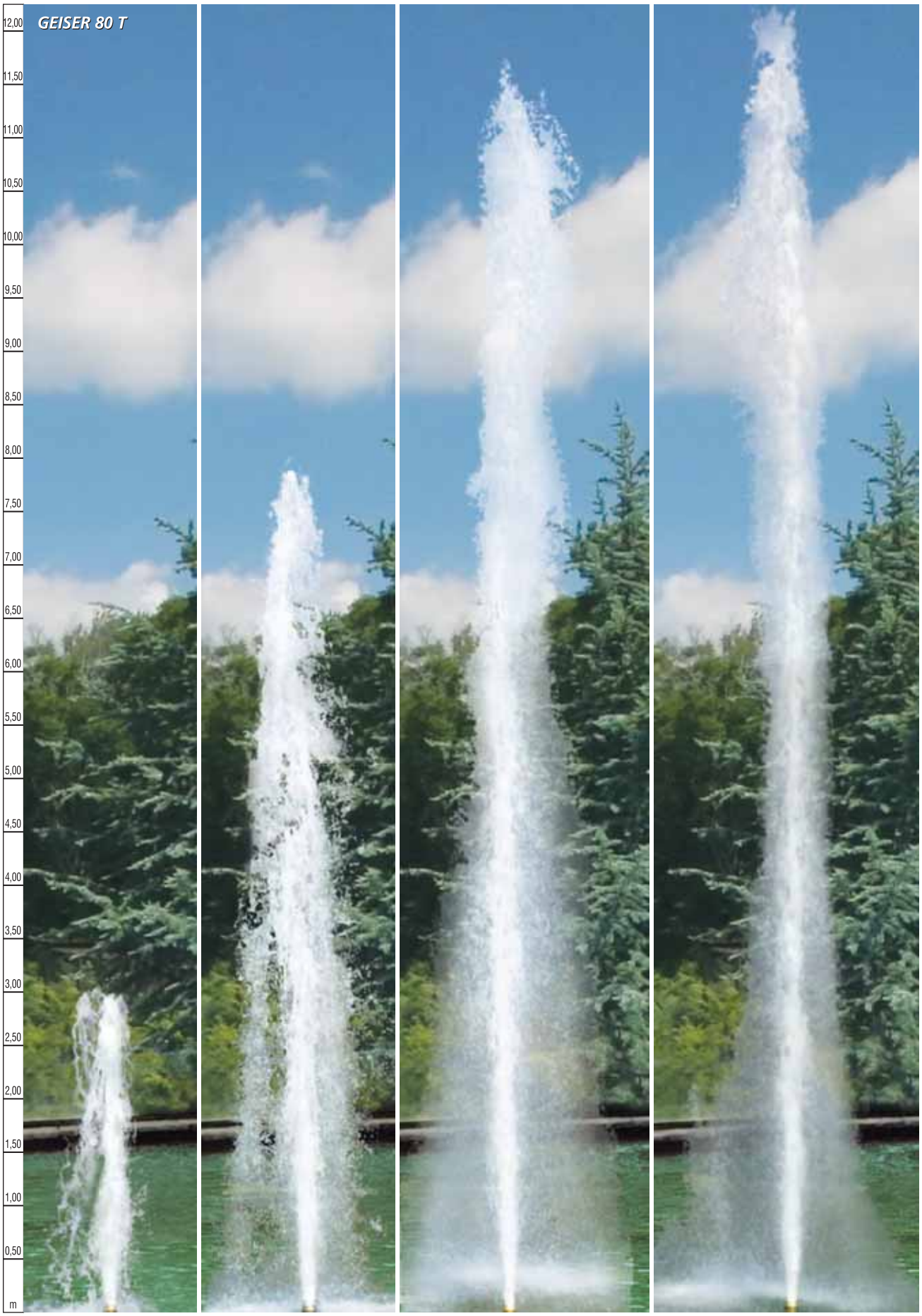


TECHNICAL CHARACTERISTICS

MODEL	20 T / 161311	40 T / 161321	60 T / 161331	80 T / 161341	100 T / 161351
S Ø (mm)	23	45	60	80	100
R Ø (mm)	32 (1")	40 (1 1/2")	50 (2")	65(2,5")	80 (3")
D Ø (mm)	74	92	117	230	165
e Ø (mm)	61	81	107	120	150
H (mm)	207	277	325	250	330
h (mm)	176	217	246	240	310
W (mm)	31	60	80	10	20
WEIGHT (Kg)					

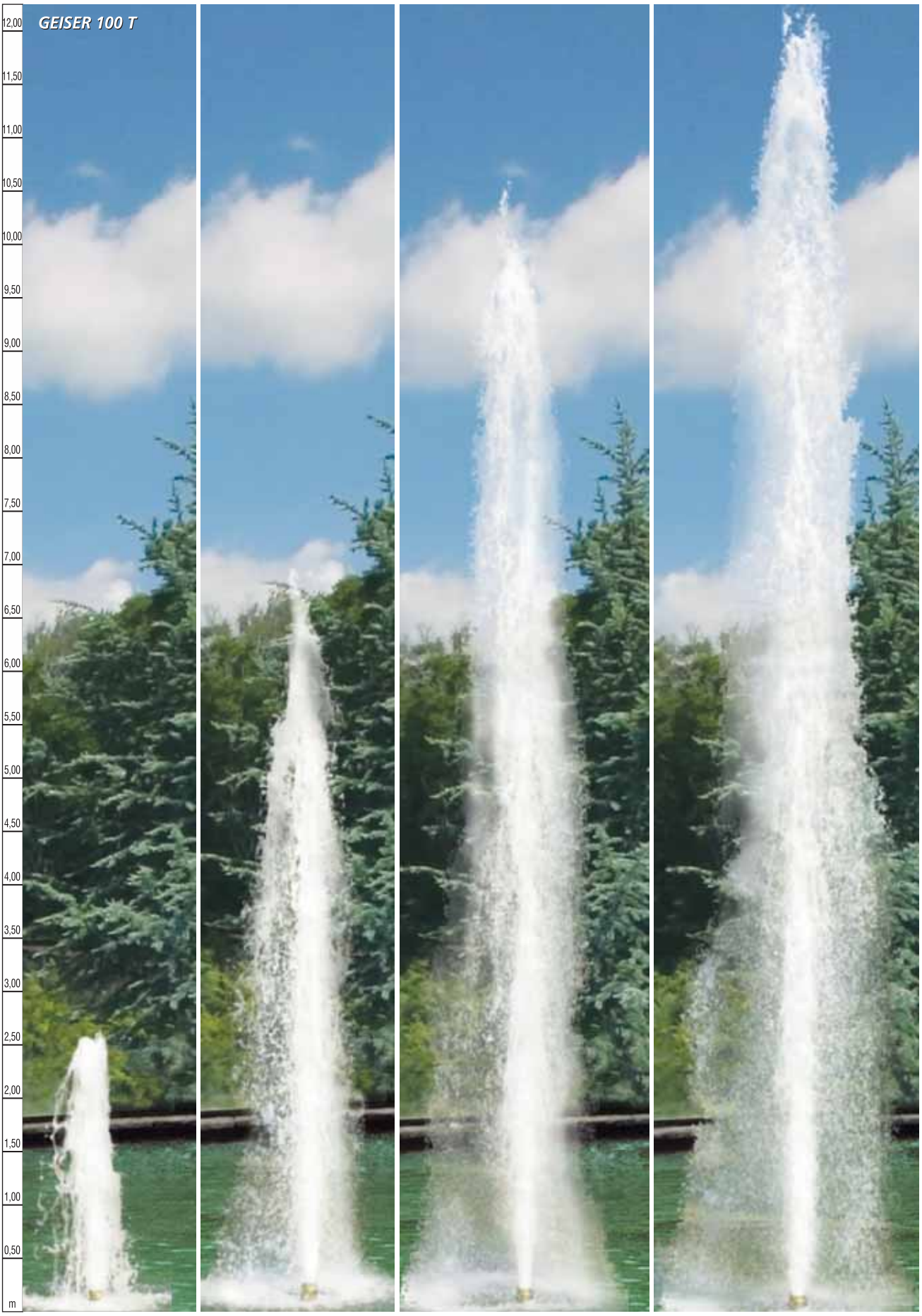
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Geiser Nozzles



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Geiser Nozzles



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Water Fan Nozzle

"Water Fan Nozzle" Made of Stainless Steel.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• **Water Fan Nozzle (115 - 15T),** 1"	**161111**	1	1,798	0,002
• **Duck Mouth,** 1"	**161113**	1		
• **Duck Mouth,** 1,5"	**161114**	1		



161113

161111

Finger Jet Nozzle

"Finger Water Fan Nozzle" Made of Stainless Steel. Distributes the water with 60° angle from Ø4,0 mm water jet. 1" male threaded connection.

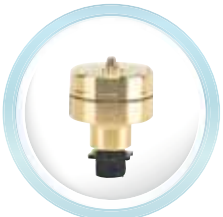
Description	Code	Pieces/ box	Weight Kg	Volume m^3
• **Finger Water Fan (13 - 4T).** 13 Mouth	**1611121**	1	2,814	0,003
• **Finger Water Fan (25 - 4T). 25 Mouth**	**1611122**	1	2,868	0,003
• **Big Type Finger Water Fan (6 - 8T)**	**1611123**			



Volcano Nozzles

Creates a water pattern consisting of a series of jets which rise in one or more steps.

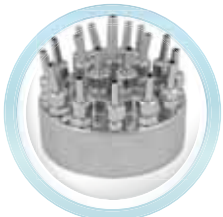
Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Volcano (43 - 3T) 1"	**16143P**	1	-	-
Male threaded : Made in plastic.				
• Volcano (19 - 3T) 1"	**16142**	1	1,118	0,0008
Male threaded : Water spray hole dia.				
Ø3 mm x 19 pcs.				
• Volcano (43 - 3T) 1"	**16143**	1	1,160	0,0008
Male threaded : Water spray hole dia.				
Ø3 mm x 43 pcs.				
• Volcano (200/19 - 6T) 2"	**16144**	1	4,154	0,0034
Male threaded : Consists of 1 x Ø10 mm +				
18 x Ø6 mm finger nozzle				
• Ditto, Made of golden plated plastic	**16144P**	1		
finger jets.				
• Volcano (300/19 - 8T) 2,5" Male	**16145**	1	9,250	
threaded : Consists of 1 x Ø12 mm				
+ 18 x Ø8 mm finger nozzle				



16143



16143P



16144



Volcano 200/19 - 6 T



Volcano 300/19 - 8 T

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Water Bell Nozzles





Made in stainless steel. Adjustable.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• **30T** : H= 30 cm 1" Male threaded.	**161621**	1	1,040	0,001
• **40T** : Height = 40 cm 1" Male threaded.	**161622**	1	1,316	0,001
• **60T** : H= 60 cm 1" Male threaded.	**161523**	1	1,538	0,002
• **30TP** : H= 30 cm and can be extended.	**16161P**	1	0,148	0,001
0,5 Male threaded. Made in plastic.				

Water Sphere Nozzles



127 Arms made in stainless steel are fitted on the central bronze sphere. Stands on a stainless steel pivot.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• **Water Sphere Nozzle 1500**, Ø1500 mm	**161101**	1		
• **Water Sphere Nozzle 2500**, Ø2500 mm	**161102**	1		
• **Half a sphere of water 1500**, Ø1500 mm	**161103**	1		
• **Half a sphere of water 2500**, Ø2500 mm	**161104**	1		

Valves for Nozzle Adjustment



Chrome plated bronze. Female threaded nozzle side and male threaded pipe connection side.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 0,5	**16201**	1		
• 0,75	**16202**	1		
• 1"	**16203**	1		
• 1,5"	**16204**	1		
• 2"	**16205**	1		

Nozzle Joint



Female threaded nozzle side and male threaded pipe connection side.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 1" Plastic	**16301**			
• 1,5" Plastic	**16302**			
• 1" with Stainless Steel Nut	**16303**			
• 1,5" with Stainless Steel Nut	**16304**			

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_Flow and Pressure Chart for Fountain Nozzles

Water Bell Nozzles







Flow and Pressure Indicators According to Nozzles Squirt Height

Bell Diameter	WATER BELL 30 T			WATER BELL 45 T			WATER BELL 60 T		
	Flow m^3/h	Pressure requirement m / h	atm	Flow m^3/h	Pressure requirement m / h	atm	Flow m^3/h	Pressure requirement m / h	atm
0,15 m									
0,20 m									
0,30 m	2,10	1,1	0,11						
0,40 m	2,58	1,3	0,13	2,58	1,4	0,14			
0,50 m	3,06	1,6	0,16	3,06	1,7	0,17	2,58		
0,60 m	3,54	2,0	0,20	3,54	2,1	0,21	3,06		
0,70 m	4,02	2,5	0,25	4,02	2,6	0,26	3,54		
0,90 m				4,50	3,2	0,32	4,02		
1,10 m							4,50	2,1	0,21
1,30 m							4,98	2,4	0,24
1,50 m								2,8	0,28

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Water Star Nozzles



Made in bronze. O.D. Ø750 mm. Water spray nozzle Ø4 mm. Connection: 1,5"

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• **12 / K3 - 4 / 750T** with 12 arms	**16101**	1		
• **18 / K3 - 4 / 750T** with 18 arms	**16102**	1		
• **24 / K3 - 4 / 750T** with 24 arms	**16103**	1		



Plastic Water Star. Made of 36 pieces of 3/8" plastic finger jets. Dia Ø1000 mm, water jet Ø4,0 mm, connection 1,5".

Description	Code	Pieces/ box	Weight Kg	Volume m^3
Plastic Water Star Nozzle 1000	**16104**	1	4,184	0,106

Water Pirouette Nozzle



Made in bronze. Effect is created by rotation.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• **(M7 - 5T)** 0,5 Male threaded	**16191**		1,846	0,046
• **(M7 - 10T)** 1" Male threaded	**16192**	1		

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Water Bell Nozzles







Flow and Pressure Indicators According to Nozzles Squirt Height

Squirt Height	WATER STAR 12 / K3-4 / 750 T			WATER STAR 18 / K3-4 / 750 T			WATER STAR 24 / K3-4 / 750 T		
	Flow m^3/h	Pressure requirement m / h	atm	Flow m^3/h	Pressure requirement m / h	atm	Flow m^3/h	Pressure requirement m / h	atm
0,50 m	1,79	0,7	0,07	2,69	0,7	0,07	3,60	0,9	0,09
0,75 m	2,22	1,1	0,11	3,33	1,1	0,11	4,47	1,4	0,14
1,00 m	2,60	1,4	0,14	3,90	1,4	0,14	5,24	1,8	0,18
1,25 m	2,94	1,8	0,18	4,40	1,8	0,18	5,93	2,3	0,23
1,50 m	3,25	2,1	0,21	4,88	2,1	0,21	6,59	2,7	0,27
1,75 m	3,55	2,5	0,25	5,32	2,5	0,25	7,20	3,2	0,32
2,00 m	3,84	2,9	0,29	5,75	2,9	0,29	7,80	3,6	0,36
2,50 m	4,11	3,2	0,32	6,17	3,2	0,32	8,36	4,1	0,41
3,00 m	4,38	3,6	0,36	6,56	3,6	0,36	8,93	4,5	0,45
3,50 m	4,89	4,3	0,43	7,33	4,3	0,43	10,00	5,4	0,54
4,00 m	5,39	5,0	0,50	8,07	5,0	0,50	11,04	6,4	0,64
4,50 m	5,86	5,8	0,58	8,79	5,8	0,58	12,05	7,3	0,73

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Spring Nozzles



Foam effect nozzle to be operated above the water level. Completely made in plastic and stainless steel. (Only model of 75-20T is stainless steel + bronze)

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• **Spring (35 - 10E)** 1" Male threaded:	**161521**	1	0,684	0,0004
Water spray dia. Ø32 mm. Adjustable.				
• **Spring (55 - 10E)** 1" Male threaded:	**161522**	1	1,282	0,0008
Water spray dia. Ø50 mm. Adjustable.				
• **Spring (55 - 15E)** 1,5" Male threaded:	**16153**	1	1,306	0,0008
Water spray dia. Ø50 mm. Adjustable.				
• **Spring (75 - 20T)** 2" Male threaded:	**16154**	1	2,742	0,0020
Water spray dia. Ø75 mm. Adjustable.				





161521



161522



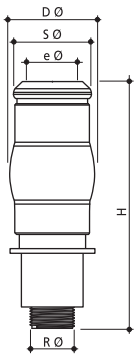
16153



16154

TECHNICAL CHARACTERISTICS

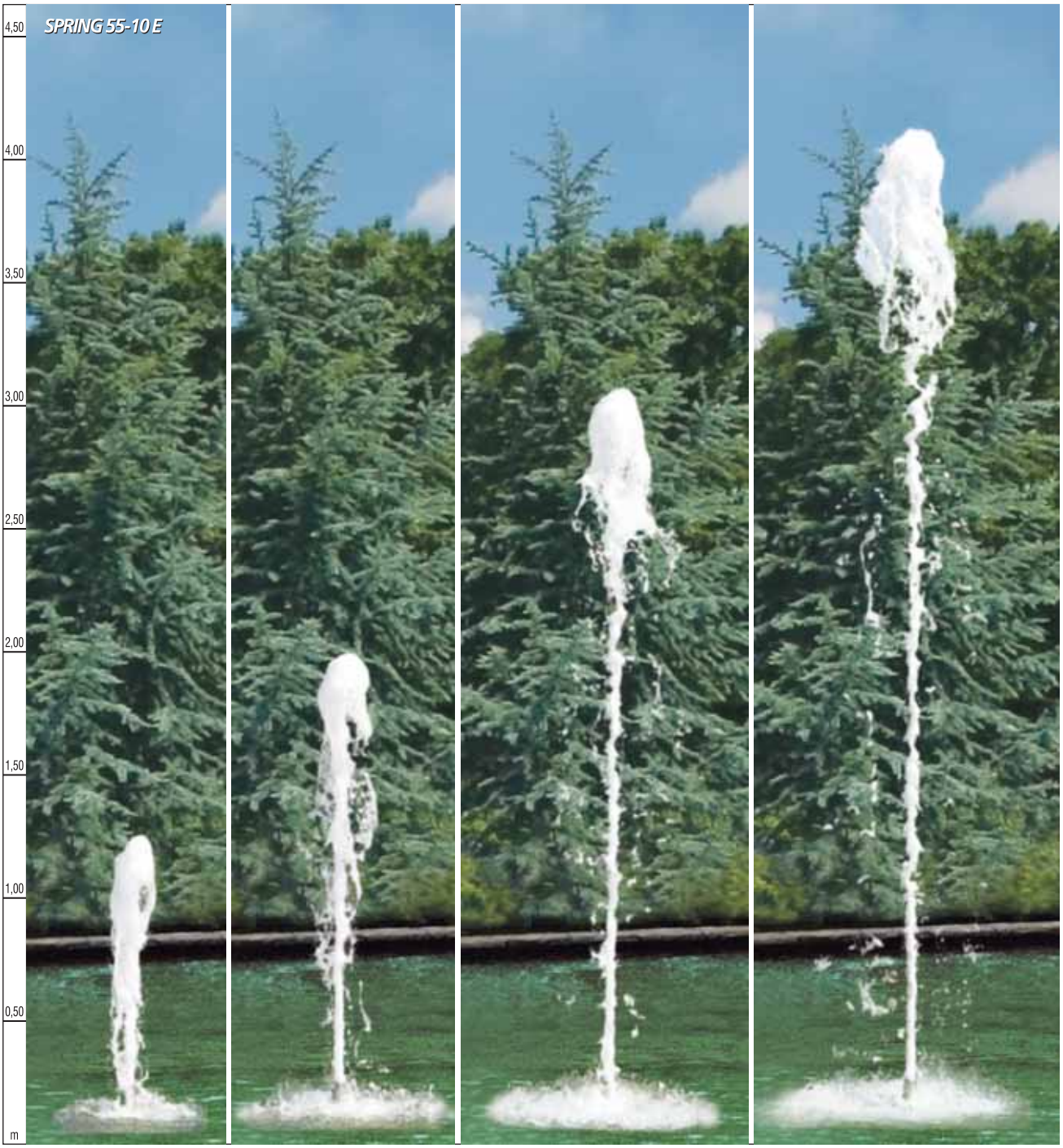
MODEL	*35 - 10E*	*55 - 10E*	*55 - 15E*	*75 - 20T*
S Ø (mm)	*50*	*72*	*72*	*80*
R Ø (mm)	*32 (1")*	*32 (1")*	*40 (1 1/2")*	*50 (2")*
D Ø (mm)	*58*	*79*	*79*	*100*
e Ø (mm)	*32,50*	*50*	*50*	*66*
H (mm)	*153*	*178*	*180*	*240*
WEIGHT (Kg)				



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_Flow and Pressure Chart for Fountain Nozzles

Spring Nozzles

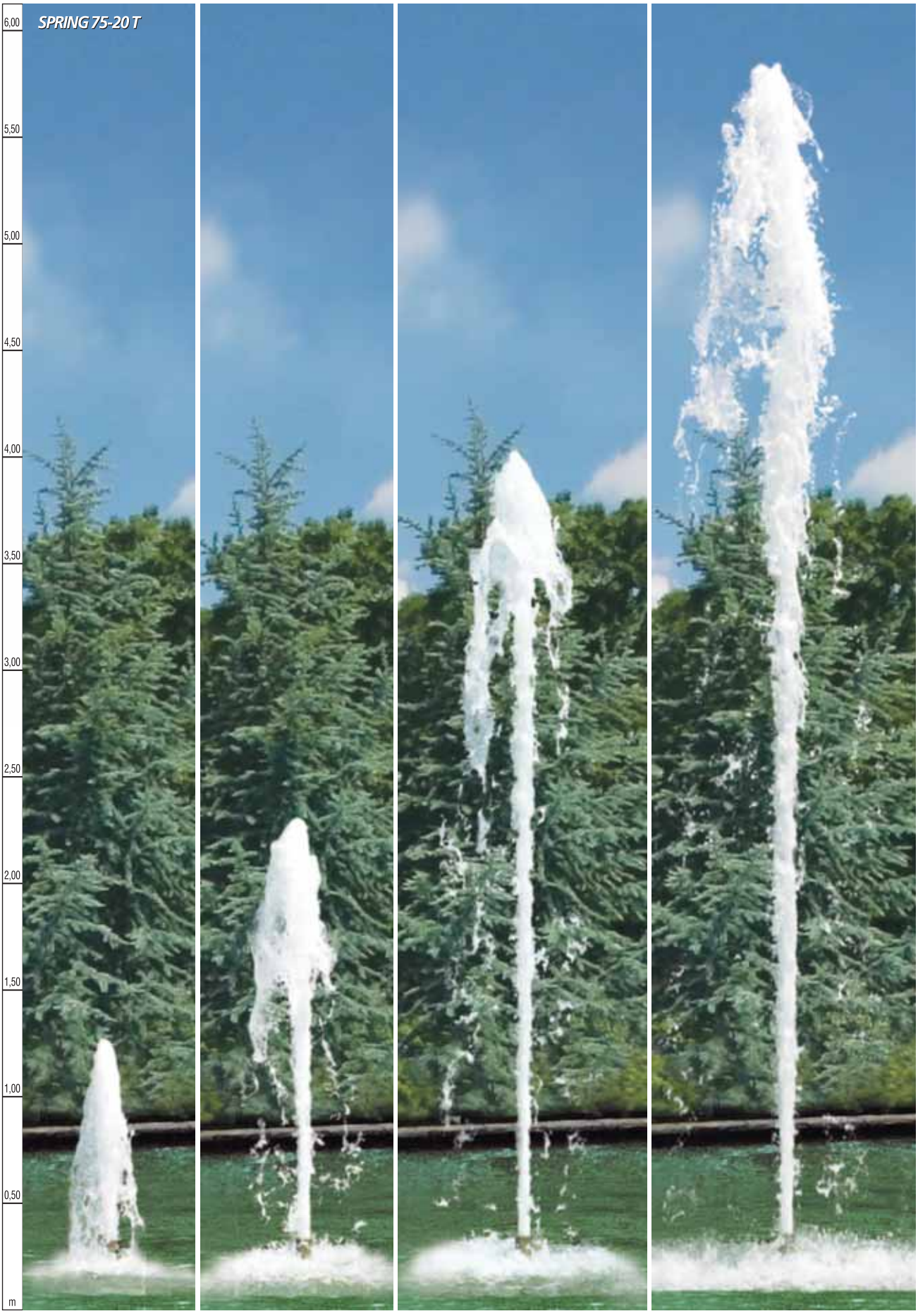


Flow and Pressure Indicators According to Nozzles Squirt Height

Squirt Height	SPRING 35-10 E			SPRING 55-10 E			SPRING 55-15 E			SPRING 75-20 T		
	Flow m³/h	Pressure requirement m / h	atm	Flow m³/h	Pressure requirement m / h	atm	Flow m³/h	Pressure requirement m / h	atm	Flow m³/h	Pressure requirement m / h	atm
0,25 m	2,33	0,7	0,07									
0,50 m	3,29	1,5	0,15	4,85	2,0	0,20	4,85	1,3	0,13	13,23	0,9	0,09
0,75 m	4,03	2,2	0,22	5,95	2,9	0,29	5,95	1,9	0,19	16,25	1,3	0,13
1,00 m	4,65	2,9	0,29	6,89	3,9	0,39	6,89	2,5	0,25	18,81	1,8	0,18
1,25 m	5,21	3,6	0,36	7,72	4,9	0,49	7,72	3,1	0,31	21,08	2,2	0,22
1,50 m	5,70	4,4	0,44	8,48	5,9	0,59	8,48	3,8	0,38	23,15	2,6	0,26
2,00 m	6,58	5,8	0,58	9,84	7,8	0,78	9,84	5,0	0,50	26,86	3,5	0,35
2,50 m				11,05	9,8	0,98	11,05	6,3	0,63	30,17	4,4	0,44
3,00 m							12,17	7,5	0,75	33,21	5,3	0,53
4,00 m							14,18	10,1	1,01	38,70	7,1	0,71
5,00 m							16,00	12,6	1,26	43,67	8,9	0,89
6,00 m							17,69	15,2	1,52	48,27	10,7	1,07

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Spring Nozzles



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Decorative Wall Nozzles

GEMAS Wall Nozzles. Made of polyester and the surface finish is made with various aging paints. Standart trims are antique copper, antique brass, antique silver and oxide. Special implemetations can be made according to special demands.

Description	Code	Pieces/ box	Weight Kg	Volume m³
• Small Lionhead, Antique Copper	**1122411**	1		
• Large Lionhead, Antique Copper	**1122421**	1		
• Plain Bowl Waterfall, Antique Copper	**1122431**	1		
• Slotted Bowl Waterfall, Antique Copper	**1122241**	1		
• Snail, Antique Copper	**1122251**	1		
• Antique Badge, Antique Copper	**1122261**	1		









Small Lionhead, Antique Copper



Large Lionhead, Antique Copper



Plain Bowl Waterfall



Plain Bowl Waterfall, Antique Copper



Slotted Bowl Waterfall, Antique Copper



Snail Antique Copper



Antique Badge

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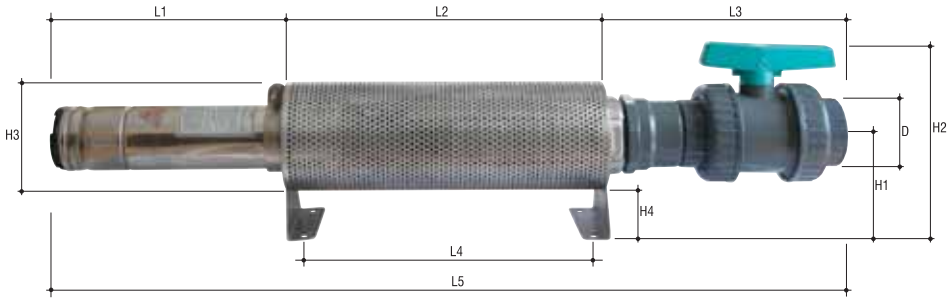
Submersible Pumps for Fountains



High pressure - High Flow Submersible deepwell pumps: Such pumps with below technical spects are made of stainless steel (AISI 304) including its fan being capable of working long time by minimum maintenance thanks to the stainless steel pre-filter. All pumps are complete with a ball or butterfly valve suitable to their connection diameter. Low profile of pumps provide usage in shallow ornamental pools. Easy to be fixed to side nozzle collectors and nozzles saving significantly from laborious and expensive pipe installation. It's vitally important to take precautions in control panels of pumps against electric leakage. All pump models are manufactured upon customer's order. Delivery time is approximately 15 days. Please ask quotation for AISI 316 quality pumps.

TECHNICAL CHARACTERISTICS

Step	*Stainless Steel (AISI 304), Optional (AISI 316)*
Fan	*Stainless Steel (AISI 304), Optional (AISI 316)*
Pump shaft	*X22 CrNi 17*
Step rubber	*Nitrile Rubber*
Filter	*Stainless Steel (AISI 304), Optional (AISI 316)*
Pump suction adapter	*Stainless Steel (AISI 304), Optional (AISI 316)*
Pump Output Connection	*Stainless Steel (AISI 304), Optional (AISI 316)*
Throttle	*Stainless Steel (AISI 304), Optional (AISI 316)*
Max. Sand Amount	*5O gr/m³*
Max. departure p	*20 (kal/s)*
Frequency	*50 Hz*
Max. working noise	*70 dB <*
Class of motor protection	*IP 68*
Motor Body	*Stainless Steel (AISI 304)*
Max Water Temperature	*40°C*
Motor Rotation Direction	*Anti-clockwise direction*
Speed	*2900 speed/min.*



PUMP TYPE	DIMENSIONS (mm)									
	Ø D	L1	L2	L3	L4	L5	H1	H2	H3	H4
GMD-CR14-E2/05	2"	435	500	183	470	1168	200	301	200	100
GMD-CR17-A1,5/02	2"	289	500	183	470	1022	200	301	200	100
GMD-CR30-B03/02	3"	405	500	264	470	1219	200	337	200	100
GMD-CR30-B04/03	3"	565	600	264	570	1379	200	337	200	100
GMD-CR30-B05/04	3"	530	700	264	670	1544	200	337	200	100
GMD-CR46-C04/02	4"	399	600	414	570	1463	200	350	200	100
GMD-CR46-C07/03	4"	540	600	414	570	1604	250	400	300	100
GMD-CR60-D03/01	4"	425	500	414	470	1289	200	350	200	100
GMD-CR77-E07/01	5"	482	600	380	570	1512	250	480	300	100
GMD-CR77-E10/02	5"	560	700	380	670	1690	250	480	300	100
GMD-CR135-G10/01-1	6"	536	700	408	670	1694	250	498	300	100
GMD-CR135-G10/01	6"	516	700	408	670	1674	250	498	300	100
GMD-CR135-G25/02-1	6"	712	900	408	870	2100	250	498	300	100

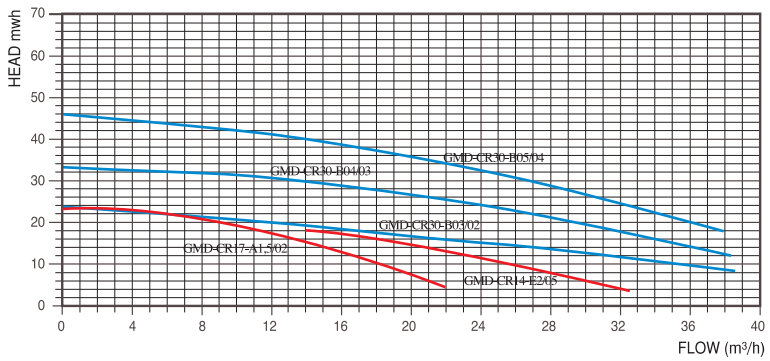
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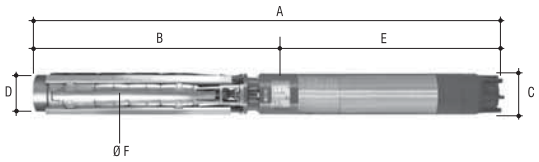
Submersible Pumps for Fountains

Description	Code	Pieces/ box	Weight Kg	Volume m³
• **GMD-CR14-E2/05M** - 2 HP Mono.	**1631201M**	1	**20,000**	
• **GMD-CR14-E2/05** - 2 HP Tri.	**1631201**	1	**18,000**	
• **GMD-CR17-A1,5/02** - 1,5 HP Tri.	**1631211**	1	**17,100**	
• **GMD-CR30-B03/02** - 3 HP Tri.	**1631224**	1	**21,600**	
• **GMD-CR30-B04/03** - 4 HP Tri.	**1631225**	1	**26,400**	
• **GMD-CR30-B05/04** - 5,5 HP Tri.	**1631223**	1	**30,800**	



PERFORMANCE CURVES





PUMP TYPE	STEP NUMBER	MOTOR		AMP		HEAD mwh											
				II	III	4	6	8	10	12	14	16	17	18	20	21	23
		HP	KW	220 V	380 V	FLOW m³/h											
GMD-CR14-E2/05	5	2	1,5	11,50	4,00	32,00	31,00	29,00	28,00	25,00	23,00	18,00	16,50	14,00	-	-	-
GMD-CR17-A1,5/02	2	1,5	1,1	-	3,00	-	-	19,80	18,00	16,20	14,40	13,50	12,60	10,80	9,00	7,20	-
GMD-CR30-B03/02	2	3	2,2	-	5,00	-	-	38,50	36,00	31,00	28,80	22,00	21,60	18,00	14,40	10,80	-

PUMP TYPE	STEP NUMBER	MOTOR		AMP		HEAD mwh									
				II	III	14	18	21	24	26	28	29	31	32	34
		HP	KW	220 V	380 V	FLOW m³/h									
GMD-CR30-B04/03	3	4	3		7,00	36,00	32,40	28,80	25,20	21,60	18,00	14,40	10,80	7,20	-

PUMP TYPE	STEP NUMBER	MOTOR		AMP		HEAD mwh									
				II	III	20	25	28	32	34	37	39	41	43	45
		HP	KW	220 V	380 V	FLOW m³/h									
GMD-CR30-B05/04	4	5,5	4		9,00	36,00	32,40	28,80	25,20	21,60	18,00	14,40	10,80	7,20	-

PUMP TYPE	MOTOR TYPE	VOLTAGE (V)	DIMENSIONS (mm)						WEIGHT (Kg)		
			A	B	Ø C	D	E	Ø F	Pump	Motor	Total Weight
GMD-CR14-E2/05M	G095MC/02-M	220	985	510	95	2" *11 diş	475	96	6,000	14,000	20,000
GMD-CR14-E2/05	G095MC/02-T	380	955	510	95	2" *11 diş	445	96	6,000	12,000	18,000
GMD-CR17-A1,5/02	G095MC/1,5-T	380	839	414	95	3" *11 diş	415	134	6,100	11,000	17,100
GMD-CR30-B03/02	G095MC/03-T	380	955	480	95	3" *11 diş	475	135	6,600	15,000	21,600
GMD-CR30-B04/03	G 095MC/04-T	380	1115	575	95	3" *11 diş	540	135	8,700	18,000	26,400
GMD-CR30-B05/04	G 095MC/05-T	380	1280	670	95	3" *11 diş	610	135	10,800	20,000	30,800

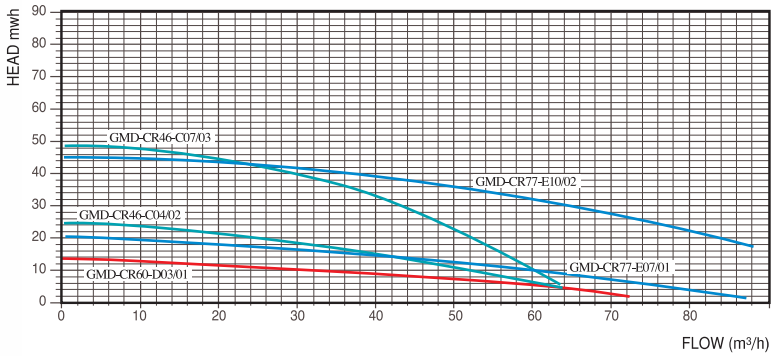
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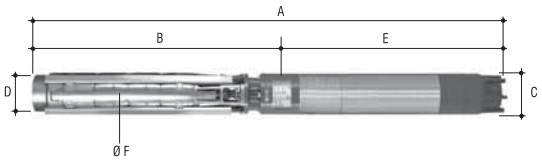
Submersible Pumps for Fountains



Description	Code	Pieces/ box	Weight Kg	Volume m³
• **GMD-CR46-C04/02** - 4 HP Tri.	**1631231**	1	**25,150**	
• **GMD-CR60-D03/01** - 3 HP Tri.	**1631241**	1	**53,500**	
• **GMD-CR77-E07/01** - 7,5 HP Tri.	**1631251**	1	**21,200**	
• **GMD-CR46-C07/03** - 7,5 HP Tri.	**1631232**	1	**61,000**	
• **GMD-CR77-E10/02** - 10 HP Tri.	**1631252**	1	**70,000**	

PERFORMANCE CURVES





PUMP TYPE	STEP NUMBER	MOTOR		AMP		HEAD mwh											
				II	III	4	5	9	10	12	15	16	18	19	20	22	25
		HP	KW	220 V	380 V	FLOW m³/h											
GMD-CR46-C04/02	2	4	3	-	5,00	-	-	54,00	52,00	48,00	43,20	39,60	36,00	26,00	28,80	18,00	-
GMD-CR60-D03/01	1	3	2,2	-	5,80	64,80	61,20	46,80	43,20	18,00	-	-	-	-	-	-	-
GMD-CR77-E07/01	1	7,5	5,5	-	12,00	-	79,20	68,40	62,00	61,20	54,00	36,00	24,00	18,00	-	-	-

PUMP TYPE	STEP NUMBER	MOTOR		AMP		HEAD mwh								
				II	III	17	24	27	30	33	36	40	45	48
		HP	KW	220 V	380 V	FLOW m³/h								
GMD-CR46-C07/03	3	7,5	5,5		7,00	54,00	50,50	46,80	43,20	39,60	36,00	28,80	18,00	-

PUMP TYPE	STEP NUMBER	MOTOR		AMP		HEAD mwh									
				II	III	23	27	28	29	30	33	35	42	44	47
		HP	KW	220 V	380 V	FLOW m³/h									
GMD-CR77-E10/02	2	10,00	7,5		18,00	79,20	72,00	68,40	64,80	61,20	57,60	54,00	36,00	18,00	-

PUMP TYPE	MOTOR TYPE	VOLTAGE (V)	DIMENSIONS (mm)						WEIGHT (Kg)		
			A	B	Ø C	D	E	Ø F	Pump	Motor	Total Weight
GMD-CR46-C04/02	G 095MC/04	380	1049	509	95	3"-4" *11 diş	540	145	8,650	16,500	25,150
GMD-CR46-C07/03	G 145MC/07	380	1190	620	145	3"-4" *11 diş	570	145	11,500	42,000	53,500
GMD-CR60-D03/01	G0 95MC/03-T	380	875	400	95	2"-4" *11 diş	475	145	6,200	15,000	21,200
GMD-CR77-E07/01	G 145MC/07	380	1132	562	145	5" *11 diş	570	171	19,000	42,000	61,000
GMD-CR77-E10/02	G 145MC/10	380	1310	690	145	5" *11 diş	620	171	23,000	47,000	70,000

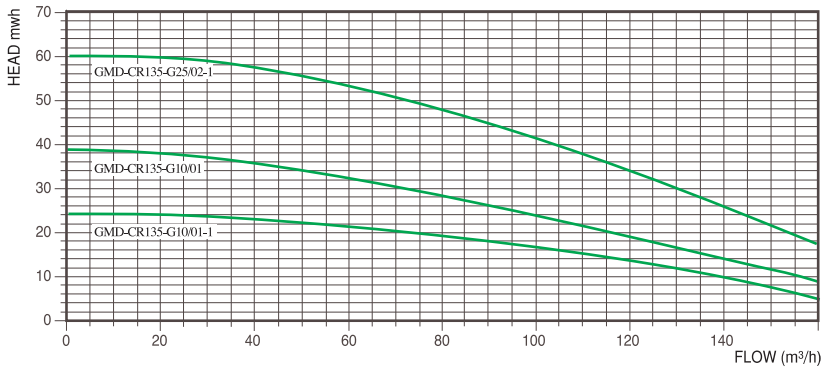
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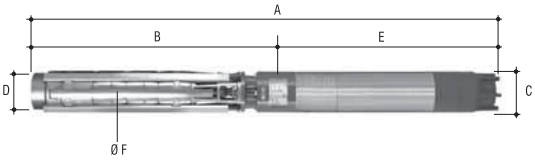
Submersible Pumps for Fountains

Description	Code	Pieces/ box	Weight Kg	Volume m³
• **GMD-CR135-G10/01-1** -10 HP Tri.	**1631261**	1	**78,000**	
• **GMD-CR135-G15/01**-15 HP Tri.	**1631262**	1	**89,000**	
• **GMD-CR135-G25/02-1** -25 HP Tri.	**1631263**	1	**114,000**	



PERFORMANCE CURVES





PUMP TYPE	STEP NUMBER	MOTOR HP	MOTOR KW	AMP II 220 V	AMP III 380 V	HEAD mwh / FLOW m³/h								
						7	8	13	16	17	18	19	23	24
GMD-CR135-G10/01-1	1	10	7,5		16,00	151,2	144,0	126,0	108,0	90,0	72,0	54,0	36,0	-

PUMP TYPE	STEP NUMBER	MOTOR HP	MOTOR KW	AMP II 220 V	AMP III 380 V	HEAD mwh / FLOW m³/h								
						11	17	20	22	24	27	28	36	39
GMD-CR135-G10/01	1	15	11		23,50	151,2	144,0	126,0	108,0	90,0	72,0	54,0	36,0	-

PUMP TYPE	STEP NUMBER	MOTOR HP	MOTOR KW	AMP II 220 V	AMP III 380 V	HEAD mwh / FLOW m³/h								
						21	26	32	39	43	47	50	58	59
GMD-CR135-G25/02-1	2	25	18,5		40	151,2	144,0	126,0	108,0	90,0	72,0	54,0	36,0	-

PUMP TYPE	MOTOR TYPE	VOLTAGE (V)	DIMENSIONS (mm)						WEIGHT (Kg)		
			A	B	Ø C	D	E	Ø F	Pump	Motor	Total Weight
GMD-CR135-G10/01-1	G 145MC/10	380	1286	666	145	6" *11 diş	620	210	31,000	47,000	78,000
GMD-CR135-G15/01	G 145MC/15	380	1366	666	145	6" *11 diş	700	210	31,000	58,000	89,000
GMD-CR135-G25/02-1	G 145MC/25	380	1692	822	145	6" *11 diş	870	210	38,000	76,000	114,000

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Plastic Body-Footed or Staked-Underwater/Landscape Lights



“Spot 14” Underwater Ornamental Light, Single Color

Designed for fountains and landscape lighting. 72 SMD LEDs; complete with polycarbonate bulb body, PCB and 1.0 m long 2 x 0.75 cable. Mounting foot or stake type. 120° - IP68. **The product is patented.**

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 72 LED White - Footed - 16 W	**1651140**	1		
• 72 LED Daylight - Footed - 16 W	**1651141**	1		
• 72 LED Turquoise - Footed - 15 W	**1651142**	1		
• 72 LED Blue - Footed - 15 W	**1651145**	1		
• 72 LED Red - Footed - 15 W	**1651144**	1		
• 72 LED Green - Footed - 15 W	**1651143**	1		
• 72 LED White - Staked - 16 W	**1651140K**	1		
• 72 LED Daylight - Staked - 16 W	**1651141K**	1		
• 72 LED Turquoise - Staked - 15 W	**1651142K**	1		
• 72 LED Blue - Staked - 15 W	**1651143K**	1		
• 72 LED Red - Staked - 15 W	**1651144K**	1		
• 72 LED Green - Staked - 15 W	**1651145K**	1		



“Spot 14” Fountain Underwater Light, RGB Color

Designed for fountains and landscape lighting. 72 SMD LEDs; complete with polycarbonate bulb body, PCB and 1.0 m long 2 x 0.75 cable. Mounting foot or staked type. RGB 13 different light patterns for built-in models, RGB 16 light patterns for central integrated models. Switch from program to program with On-Off or remote control. 120° - IP68. **The product is patented.**

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 72 LED RGB - Built-in Control - Footed - 15 W	**1651150**	1		
• 72 LED RGB - Centrally Control - Footed - 15 W	**1651151**	1		
• 72 LED RGB - Built-in Control - Staked - 15 W	**1651150K**	1		
• 72 LED RGB - Centrally Control - Staked - 15 W	**1651151K**	1		

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St. Steel Body-Footed or Staked-Underwater/Landscape Lights

“Spot 14” Underwater Ornamental Light, Single Color

Designed for fountains and landscape lighting. Stainless steel frame. AISI 304 quality. 72 SMD LEDs; complete with polycarbonate bulb body, PCB and 1.0 m long 2 x 0.75 cable. Mounting foot or Staked type. 120° - IP68. **The product is patented.**



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 72 LED White - Footed - 16 W	**1651140S**	1		
• 72 LED Daylight - Footed - 16 W	**1651141S**	1		
• 72 LED Turquoise - Footed - 15 W	**1651142S**	1		
• 72 LED Blue - Footed - 15 W	**1651143S**	1		
• 72 LED Red - Footed - 15 W	**1651144S**	1		
• 72 LED Green - Footed - 15 W	**1651145S**	1		
• 72 LED White - Staked - 16 W	**1651140KS**	1		
• 72 LED Daylight - Staked - 16 W	**1651141KS**	1		
• 72 LED Turquoise - Staked - 15 W	**1651142KS**	1		
• 72 LED Blue - Staked - 15 W	**1651143KS**	1		
• 72 LED Red - Staked - 15 W	**1651144KS**	1		
• 72 LED Green - Staked - 15 W	**1651145KS**	1		



PS: If AISI 316 of the above lamps is requested, the code “01” should be added next to the existing code. Prices should be considered with a 20% increase.

“Spot 14” Underwater Ornamental Light, RGB Color

Designed for fountains and landscape lighting. Stainless steel frame. AISI 304 quality. 72 SMD LEDs; complete with polycarbonate bulb body, PCB and 1.0 m long 2 x 0.75 cable. Mounting foot or Staked type. RGB 13 different light patterns for built-in models, RGB 16 light patterns for central integrated models. Switch from program to program with On-Off or remote control. 120° - IP68. **The product is patented.**

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 72 LED RGB - Built-in Control - Footed - 15 W	**1651150S**	1		
• 72 LED RGB - Centrally Control - Footed - 15 W	**1651151S**	1		
• 72 LED RGB - Built-in Control - Staked - 15 W	**1651150KS**	1		
• 72 LED RGB - Centrally Control - Staked - 15 W	**1651151KS**	1		

PS: If AISI 316 of the above lamps is requested, the code “01” should be added next to the existing code. Prices should be considered with a 20% increase.

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Plastic Body-Footed or Staked-Underwater/Landscape Lights



“Spot 10” Underwater Ornamental Light, Single Color

Designed for fountains and landscape lighting. 72 SMD LEDs; complete with polycarbonate bulb body, PCB and 1.0 m long 2 x 0.75 cable. Mounting foot or stake type. 120° - IP68. **The product is patented.**

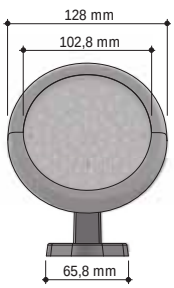
Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 72 LED White - Footed - 10 W	**1651160**	1		
• 72 LED Daylight - Footed - 10 W	**1651161**	1		
• 72 LED Turquoise - Footed - 9 W	**1651162**	1		
• 72 LED Blue - Footed - 9 W	**1651163**	1		
• 72 LED Red - Footed - 9 W	**1651164**	1		
• 72 LED Green - Footed - 9 W	**1651165**	1		
• 72 LED White - Staked - 10 W	**1651160K**	1		
• 72 LED Daylight - Staked - 10 W	**1651161K**	1		
• 72 LED Turquoise - Staked - 9 W	**1651162K**	1		
• 72 LED Blue - Staked - 9 W	**1651163K**	1		
• 72 LED Red - Staked - 9 W	**1651164K**	1		
• 72 LED Green - Staked - 9 W	**1651165K**	1		

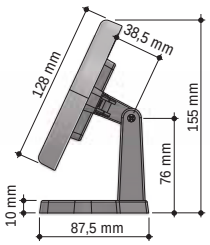


“Spot 10” Fountain Underwater Light, RGB Color

Designed for fountains and landscape lighting. 72 SMD LEDs; complete with polycarbonate bulb body, PCB and 1.0 m long 2 x 0.75 cable. Mounting foot or staked type. RGB 13 different light patterns for built-in models, RGB 16 light patterns for central integrated models. Switch from program to program with On-Off or remote control. 120° - IP68. **The product is patented.**

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 72 LED RGB - Built-in Control - Footed - 9 W	**1651170**	1		
• 72 LED RGB - Centrally Control - Footed - 9 W	**1651171**	1		
• 72 LED RGB - Built-in Control - Staked - 9 W	**1651170K**	1		
• 72 LED RGB - Centrally Control - Staked - 9 W	**1651171K**	1		





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St. Steel Body-Footed or Staked-Underwater/Landscape Lights

"Spot 10" Underwater Ornamental Light, Single Color

Designed for fountains and landscape lighting. Stainless steel frame. AISI 304 quality. 72 SMD LEDs; complete with polycarbonate bulb body, PCB and 1.0 m long 2 x 0.75 cable. Mounting foot or Staked type. 120° - IP68. **The product is patented.**



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 72 LED White - Footed - 10 W	**1651160S**	1		
• 72 LED Daylight - Footed - 10 W	**1651161S**	1		
• 72 LED Turquoise - Footed - 9 W	**1651162S**	1		
• 72 LED Blue - Footed - 9 W	**1651163S**	1		
• 72 LED Red - Footed - 9 W	**1651164S**	1		
• 72 LED Green - Footed - 9 W	**1651165S**	1		
• 72 LED White - Staked - 10 W	**1651160KS**	1		
• 72 LED Daylight - Staked - 10 W	**1651161KS**	1		
• 72 LED Turquoise - Staked - 9 W	**1651162KS**	1		
• 72 LED Blue - Staked - 9 W	**1651163KS**	1		
• 72 LED Red - Staked - 9 W	**1651164KS**	1		
• 72 LED Green - Staked - 9 W	**1651165KS**	1		



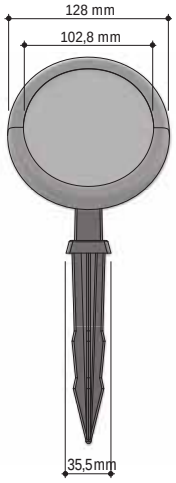
PS: If AISI 316 of the above lamps is requested, the code "01" should be added next to the existing code. Prices should be considered with a 20% increase.

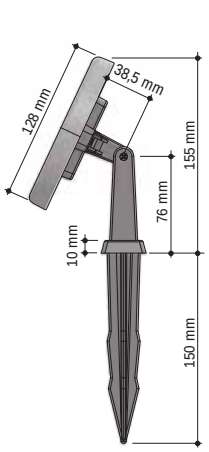
"Spot 10" Underwater Ornamental Light, RGB Color

Designed for fountains and landscape lighting. Stainless steel frame. AISI 304 quality. 72 SMD LEDs; complete with polycarbonate bulb body, PCB and 1.0 m long 2 x 0.75 cable. Mounting foot or Staked type. RGB 13 different light patterns for built-in models, RGB 16 light patterns for central integrated models. Switch from program to program with On-Off or remote control. 120° - IP68. **The product is patented.**

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 72 LED RGB - Built-in Control - Footed - 9 W	**1651170S**	1		
• 72 LED RGB - Centrally Control - Footed - 9 W	**1651171S**	1		
• 72 LED RGB - Built-in Control - Staked - 9 W	**1651170KS**	1		
• 72 LED RGB - Centrally Control - Staked - 9 W	**1651171KS**	1		

PS: If AISI 316 of the above lamps is requested, the code "01" should be added next to the existing code. Prices should be considered with a 20% increase.





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Plastic Body-Footed or Staked-Underwater/Landscape Lights



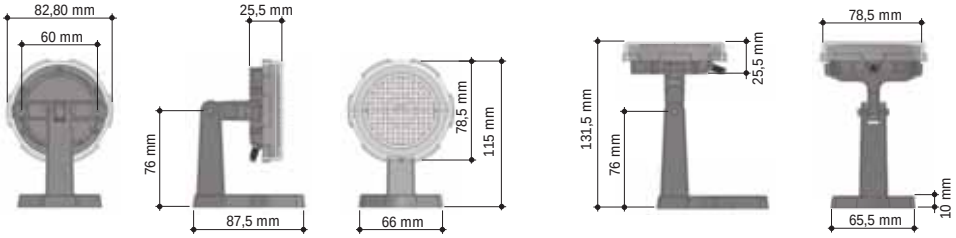
“Spot 11” Underwater Ornamental Light, Single Color
Designed for fountains and landscape lighting. 36 SMD LEDs; complete with polycarbonate bulb body, PCB and 1.0 m long 2 x 0.75 cable. Mounting foot or Staked type. 120° - IP68. **The product is patented.**

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 36 LED White - Footed - 7 W	**1651180**	1		
• 36 LED Daylight - Footed - 7 W	**1651181**	1		
• 36 LED Turquoise - Footed - 4 W	**1651182**	1		
• 36 LED Blue - Footed - 4 W	**1651183**	1		
• 36 LED Red - Footed - 4 W	**1651184**	1		
• 36 LED Green - Footed - 4 W	**1651185**	1		
• 36 LED White - Staked - 7 W	**1651180K**	1		
• 36 LED Daylight - Staked - 7 W	**1651181K**	1		
• 36 LED Turquoise - Staked - 4 W	**1651182K**	1		
• 36 LED Blue - Staked - 4 W	**1651183K**	1		
• 36 LED Red - Staked - 4 W	**1651184K**	1		
• 36 LED Green - Staked - 4 W	**1651185K**	1		



“Spot 11” Underwater Ornamental Light, RGB Color
Designed for fountains and landscape lighting. 36 SMD LEDs; complete with polycarbonate bulb body, PCB and 1.0 m long 2 x 0.75 cable. Mounting foot or Staked type. RGB 13 different light patterns for built-in models, RGB 16 light patterns for central integrated models. Switch from program to program with On- Off or remote control. 120 ° - IP68. **The product is patented.**

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 36 LED RGB - Built-in Control - Footed - 4 W	**1651190**	1		
• 36 LED RGB - Centrally Control - Footed - 4 W	**1651191**	1		
• 36 LED RGB - Built-in Control - Staked - 4 W	**1651190K**	1		
• 36 LED RGB - Centrally Control - Staked - 4 W	**1651191K**	1		



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St. Steel Body-Footed or Staked-Underwater/Landscape Lights

"Spot 11" Underwater Ornamental Light, Single Color

Designed for fountains and landscape lighting. Stainless steel frame. AISI 304 quality. 36 SMD LEDs; complete with polycarbonate bulb body, PCB and 1.0 m long 2 x 0.75 cable. Mounting foot or Staked type. 120° - IP68. **The product is patented.**



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 36 LED White - Footed - 7 W	**1651180S**	1		
• 36 LED Daylight - Footed - 7 W	**1651181S**	1		
• 36 LED Turquoise - Footed - 4 W	**1651182S**	1		
• 36 LED Blue - Footed - 4 W	**1651183S**	1		
• 36 LED Red - Footed - 4 W	**1651184S**	1		
• 36 LED Green - Footed - 4 W	**1651185S**	1		
• 36 LED White - Staked - 7 W	**1651180KS**	1		
• 36 LED Daylight - Staked - 7 W	**1651181KS**	1		
• 36 LED Turquoise - Staked - 4 W	**1651182KS**	1		
• 36 LED Blue - Staked 4 W	**1651183KS**	1		
• 36 LED Red - Staked - 4 W	**1651184KS**	1		
• 36 LED Green - Staked - 4 W	**1651185KS**	1		



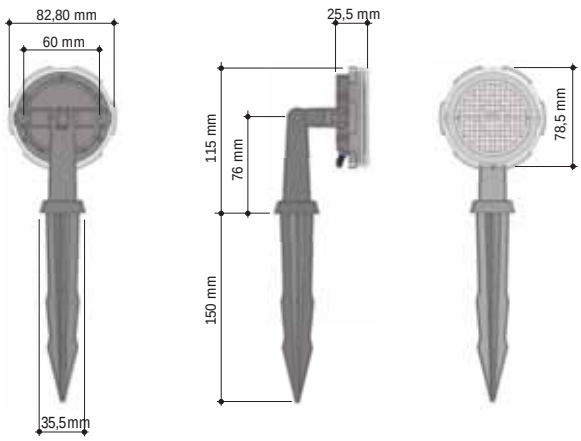
PS: If AISI 316 of the above lamps is requested, the code "01" should be added next to the existing code. Prices should be considered with a 20% increase.

"Spot 11" Underwater Ornamental Light, RGB Color

Designed for fountains and landscape lighting. Stainless steel frame. AISI 304 quality.36 SMD LEDs; complete with polycarbonate bulb body, PCB and 1.0 m long 2 x 0.75 cable. Mounting foot or Staked type. RGB 13 different light patterns for built-in models, RGB 16 light patterns for central integrated models. Switch from program to program with On-Off or remote control. 120° - IP68. **The product is patented.**

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 36 LED RGB - Built-in Control - Footed - 4 W	**1651190S**	1		
• 36 LED RGB - Centrally Control - Footed - 4 W	**1651191S**	1		
• 36 LED RGB - Built-in Control - Staked - 4 W	**1651190KS**	1		
• 36 LED RGB - Centrally Control - Staked - 4 W	**1651191KS**	1		

PS: If AISI 316 of the above lamps is requested, the code "01" should be added next to the existing code. Prices should be considered with a 20% increase.



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St. Steel Body - St. Steel Footed Underwater Lights



Stainless Steel Foot

"SPOT 12" Underwater Ornamental Light, Single Color

Designed for fountains and landscape lighting.Stainless steel lamp body with 3 Power LEDs; It is complete with 1.0 m long 2 x 0.75 cable.Light beam angle is 30°. The lamp complies with IP68 degree of protection at a nominal depth of 2 m.

Description	Code	Pieces/ box	Weight Kg	Volume m³
• 3 Power LED White - AISI 304 - 9 W	**16631SF**	1		
• 3 Power LED Daylight - AISI 304 - 9 W	**16633SF**	1		

PS: If AISI 316 of the above lamps is requested, the code "01" should be added next to the existing code. Prices should be considered with a 20% increase.
PS: For models with plastic foot, add "PF" next to the existing code i.e. 16631PF
PS: For models with spike, add "K" next to the existing code i.e. 16631K



"SPOT 12" with Plastic Foot

"SPOT 12" Underwater Ornamental Light, RGB Color

Designed for fountains and landscape lighting.Stainless steel lamp body with 3 Power LEDs; It is complete with 1.0 m long 2 x 0.75 cable.RGB 13 different light patterns for built-in models, RGB 16 light patterns for central integrated models. Light beam angle is 30°.The lamp complies with IP68 degree of protection at a nominal depth of 2 m.

Description	Code	Pieces/ box	Weight Kg
• 3 Power LED RGB - Built-in Control - AISI 304 - 6 W	**16635SF**	1	
• 3 Power LED RGB - Centrally Control - AISI 304 - 6 W	**16636SF**	1	

PS: If AISI 316 of the above lamps is requested, the code "01" should be added next to the existing code. Prices should be considered with a 20% increase.
PS: For models with plastic foot, add "PF" next to the existing code i.e. 16635PF
PS: For models with spike, add "K" next to the existing code i.e. 16635K



"SPOT 12" with Spike

"SPOT 12" Underwater Ornamental Light Foots

Description	Code	Pieces/ box	Weight Kg	Volume m³
• AISI 304 Quality Lamp Foot + Body Connection Set	**1663003**	1		
• AISI 316 Quality Lamp Foot + Body Connection Set	**1663002**	1		

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St. Steel Body - St. Steel Footed Underwater Lights

"SPOT 13" Underwater Ornamental Light, Single Color

Designed for fountains and landscape lighting.Stainless steel lamp body with 6 Power LEDs; It is complete with 1.0 m long 2 x 0.75 cable.Light beam angle is 30°. The lamp complies with IP68 degree of protection at a nominal depth of 2 m.

Description	Code	Pieces/ box	Weight Kg	Volume m³
• 6 Power LED White - AISI 304 - 15 W	**16651SF**	1		
• 6 Power LED Daylight - AISI 304 - 15 W	**16653SF**	1		

PS: If AISI 316 of the above lamps is requested, the code "01" should be added next to the existing code. Prices should be considered with a 20% increase.
PS: For models with plastic foot, add "PF" next to the existing code i.e. 16651PF
PS: For models with spike, add "K" next to the existing code i.e. 16651K



Stainless Steel Foot

"SPOT 13" Underwater Ornamental Light, RGB Color

Designed for fountains and landscape lighting.Stainless steel lamp body with 6 Power LEDs; It is complete with 1.0 m long 2 x 0.75 cable.RGB 13 different light patterns for built-in models, RGB 16 light patterns for central integrated models. Light beam angle is 30°.The lamp complies with IP68 degree of protection at a nominal depth of 2 m.

Description	Code	Pieces/ box	Weight Kg
• 6 Power LED RGB - Built-in Control - AISI 304 - 13 W	**16655SF**	1	
• 6 Power LED RGB - Centrally Control - AISI 304 - 13 W	**16656SF**	1	

PS: If AISI 316 of the above lamps is requested, the code "01" should be added next to the existing code. Prices should be considered with a 20% increase.
PS: For models with plastic foot, add "PF" next to the existing code i.e. 16655PF
PS: For models with spike, add "K" next to the existing code i.e. 16655K



"SPOT 13" with Plastic Foot

"SPOT 13" Underwater Ornamental Light Foots

Description	Code	Pieces/ box	Weight Kg	Volume m³
• AISI 304 Quality Lamp Foot + Body Connection Set	**1665002**	1		
• AISI 316 Quality Lamp Foot + Body Connection Set	**1665002SS**	1		



"SPOT 13" with Spike

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Plastic Body - Footed Underwater Lights

“SPOT 02”
50 W/12 V refractory exclusive plastic body, footed fountain light.



Description	Code	Pieces/ box	Weight Kg	Volume m³
• Single Cable Union. Outlet at back.	**05022**	4		
• Ditto, Stainless Steel Frame	**05022C**	4		

“SPOT 02”
Spot 02 with 36 SMD RGB LED bulb, plastic body, footed fountain light. Central PCB.



Description	Code	Pieces/ box	Weight Kg	Volume m³
• 36 SMD LED White - 7 W	**160220**	4		
• 36 SMD LED Daylight - 7 W	**160223**	4		
• 36 SMD LED RGB - Centrally Control - 6 W	**160221**	4		
• 36 SMD LED RGB - Built-in Control - 6 W	**160222**	4		

PS: Regarding control panel and other options of RGB LED fountain lights, please see Section 5; "Mini LED Bulbs"
PS: If 316 Stainless Steel Frame of the above lamps is requested, the code “C” should be added next to the existing code.

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Stainless Steel Body - Footed Underwater Lights



"SPOT 06" Rainbow RGB Power LED bulb, AISI 304 quality stainless steel body, plastic footed fountain light. **Single cable union.** Outlet at back. Central control. With 1 m Cable.

Description	Code	Pieces/ box	Weight Kg	Volume m³
• Rainbow 6, 6 Power LED - Built-in Control	**16427**	1		
• Rainbow 6, 6 Power LED - Centrally Control	**16428**	1		

PS: If AISI 316 of the above lamps is requested, the code "01" should be added next to the existing code. Prices should be considered with a 20% increase.
PS: Please ask code and price for single color white or daylight.



"SPOT 07" Rainbow RGB Power LED bulb, AISI 304 quality stainless steel body, plastic footed fountain light. Single cable union. Outlet at back. With 1 m Cable.

Description	Code	Pieces/ box	Weight Kg	Volume m³
• Rainbow 9, 9 Power LED - Built-in Control	**16457**	1		
• Rainbow 9, 9 Power LED - Centrally Control	**16458**	1		
• Rainbow 18, 18 Power LED - Built-in Control	**164367**	1		
• Rainbow 18, 18 Power LED - Centrally Control	**164368**			
• Rainbow 27, 27 Power LED - Built-in Control	**16467**			
• Rainbow 27, 27 Power LED - Centrally Control	**16468**			
Stainless Steel Foot is Optional				

PS: If AISI 316 of the above lamps is requested, the code "01" should be added next to the existing code. Prices should be considered with a 20% increase.
PS: Please ask code and price for single color white or daylight.

Stainless Steel Body - Underwater Lights with Fountain Nozzles



"SPOT 05" Underwater light to be coupled with fountain nozzles. 304 quality stainless steel body and single union. 15° light angle with Power LED. Different Adaptors are used for different size nozzles (for exp. 1", 1,5", 2"). For this reason nozzles diameter should be mentioned during the order. (Nozzles are NOT included to the price). 13 different light models are avaliable. With 1 m Cable.

Description	Code	Pieces/ box	Weight Kg	Volume m³
• 18 Power LED-Built-in Control	**165327**	1		
• 18 Power LED-Centrally Control	**165328**	1		

PS: If AISI 316 of the above lamps is requested, the code "01" should be added next to the existing code. Prices should be considered with a 20% increase.
PS: Please ask code and price for single color white or daylight.



"SPOT 09-K"
Underwater light combined with fountain nozzles. 304 quality stainless steel body and single union. Also nozzle (Ø10 mm) bottom connection is with swivel system and regulation valve (0,5 or 1"). 15° light angle with Power LED. 13 different light models are available. With 1 m cable.

Description	Code	Pieces/ box	Weight Kg	Volume m³
• 9 Power LED, With 1" Fountain - Built-in Control	**16433F27**	1		
• 9 Power LED, With 1" Fountain - Centrally Control	**16433F28**	1		

PS: 1- Regarding control panel and other options of RGB LED fountain light, please have a look at relevant section to "RGB LED Bulbs Control Panels"
2- All the lights mentioned above can be 1,5 and 2 m cable length. Please ask price.
PS: Please ask code and price for single color white or daylight.
PS: If AISI 316 of the above lamps is requested, the code "01" should be added next to the existing code. Prices should be considered with a 20% increase.

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Stainless Steel Pool Light Foots

Adjustable for all type stainless steel body underwater lights.

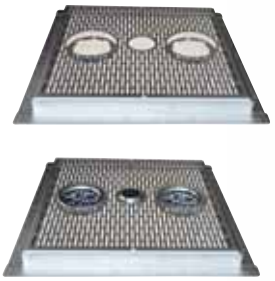
Description	Code	Pieces/ box	Weight Kg	Volume m³
• Single	**16431Y015**	1		
• Double	**16431Y025**	1		



Dry Pool Systems

Dry surface fountain desgined on a bunker walking floor grade made out concrete or polyester and dimensions light combinations 304 quality stainless steel. Dismountable cover and frame. Light housings are designed for SPOT 6 . Fountain port is for fountains max. 2". Different designs can be done according to demand.

Description	Code	Pieces/ box	Weight Kg	Volume m³
• 300 x 300 mm	**16433DF1**	1		
• 400 x 400 mm	**16433DF2**	1		
• 500 x 500 mm	**16433DF3**	1		



PS: 1- Regarding control panel and other options of RGB LED fountain light, please have a look at relevant section (5th) to "RGB LED Bulbs Control Panels"
2- All the lights mentioned above can be produced "Double Union" according to demand. And can be connected serial.
3- All the lights mentioned above can be 1,5 and 2 m cable length. Please ask price.

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Concrete Pools

Skimmer Liner Pool Ladders



17401



17402



17403

GEMAS Embedded Liner Pool Ladder. Made of FR polyester and reinforced with wood. Complete with Connection Flange and PVC concealing flange. Anti-slip steps.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• l: 227 cm w: 152 cm h: 151,5 cm	**17401**	1		
For oval pools. Massage or counter current				
system can be mounted.				
• l: 184 cm w: 106 cm h: 104,5 cm	**17402**	1		
For rectengular pools.				
• Ladder with massage chair	**17403**	1		
l: 184 cm w: 106 cm h: 104,5 cm				







• 2 x Massage Station
• 1 x Counter current



• Ladder with massage chair
• Composite Deck

PVC Liner Repair Kit



Liner Repair Kit. 30 ml. Can be used for underwater repairs.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
	17211		0,116	

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In-Pool Insulation Materials



GEMAS In-Pool Isolation Material. Used for leak proofing in swimming pools and fountains. Fully elastic, UV filtered, cement added, two-compound waterproofing.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Gemas PL207, 10 kg Liquid + 20 kg Powder - Gray	**17310**	1	30,000	
• Gemas PL207, 10 kg Liquid + 20 kg Powder - White	**17311**	1	30,000	

GEMAS Joint Tape and Adhesive. Used for closing static capillary cracks and joins between the pool wall and floor. Tape size 0.20 x 100 m. Prices are per roll. Adhesive average consumption 1.65 - 2.75 kg/m^2

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Gemas Joint Tape	**17312**	4		
• Gemas PL05N-01 Adhesive, 10 kg	**17313**	1	10,000	
• Gemas PL05N-01 Adhesive, 20 kg	**17314**	1	20,000	

GEMAS Concrete Waterproofing Primer. Used as primer before painting on reinforced concrete and screed. Average consumption is 8000 - 1000 gr/m^2.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
Gemas PL302, 20 kg Liquid + 6 kg Powder	**17315**	1	26,000	

GEMAS Shock Water Breaker Concrete Admixture. Used for stopping pressurized water leaking. Consumption changes according to the surface condition, application thickness, loss such as spillage and cavity filling against water leaks. It is recommended to make trial mixes for optimum mixing ratio, workability and setting time. For wet system shotcrete, it is recommended to use between 3% and 6% of the weight of the binder for 20 cm thick layers.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Gemas BK03, 1 kg	**17316**	1	1,000	
• Gemas BK03, 5 kg	**17317**	1	5,000	

Pool Paints

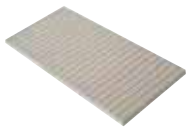
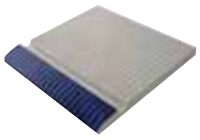
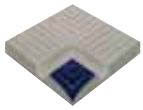


GEMAS Pool Paint. Used in natural swimming pools, fountains, thermal pools (up to max. 70° temperatures), fish breeding pools, drinking water tanks, ponds, dams, water channels, water tanks. Consumption varies according to surface condition, application thickness, spillage and void conditions. 200 gr/m^2 on the first floor, 200 gr/m^2 on the second floor. On reinforced concrete surfaces, waterproofing is applied after the primer coat.

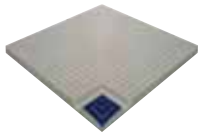
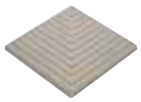
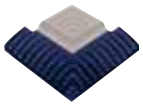
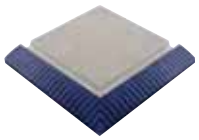
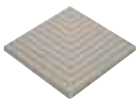
Description	Code	Pieces/ box	Weight Kg	Volume m^3
Gemas Pool Paint, 20 kg	**17318**	1	20,000	

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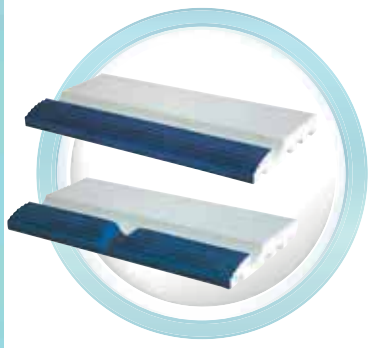
Porcelain Pool Handle and Antislip

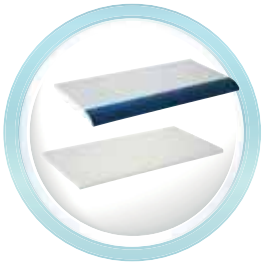
Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 12,2 x 24,5 x 2 cm Handle	**1711AP**			
• 12,2 x 24,5 x 0,9 cm Antislip	**1712AP**			
• 24,5 x 24,5 x 2 cm Square Handle	**1714P**			
• 12 x 12 cm Handle Internal Corner	**1711CI1**			
• 24,5 x 24,5 cm Square Handle	**17141**			
• 24,5 x 24,5 cm Handle Internal Corner	**1714CI1**			
• 12 x 12 x 0,9 cm Antislip Internal Corner	**1711C01**			
• 24,5 x 24,5 cm Handle External Corner	**1714C01**			
• 12 x 12 x 0,9 cm Antislip External Corner	**1712C01**			

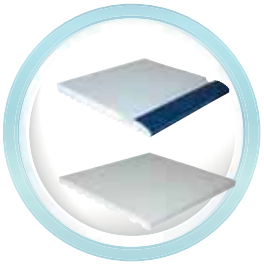






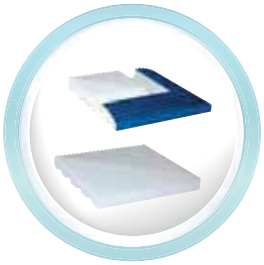
Porcelain Pool Handle and Antislip - Striped Design



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• 12,2 x 24,5 x 2 cm Handle	**1711A**		11,050	0,008
• 12,2 x 24,5 x 1,5 cm Antislip	**1712**		12,840	0,008
• 12,2 x 24,5 x 0,8 cm Stair-Step Antislip	**1713**		12,696	0,007
• 12,2 x 24,5 x 0,8 cm Antislip	**1712A**		9,346	0,007
• 24,5 x 24,5 x 2 cm Square Handle	**1714**			
• 24,5 x 24,5 x 0,8 cm Square Antislip	**1715**			
• Handle Internal Corner (for 1711)	**1711CI**		11,376	0,008
• Handle External Corner (for 1711)	**1711CO**		11,376	0,008
• Antislip Internal Corner (for 1712)	**1712CI**		10,100	0,008
• Antislip External Corner (for 1712)	**1712CO**		10,100	0,008
• Handle Internal Corner (for 1714)	**1714CI**			
• Handle External Corner (for 1714)	**1714CO**			
• Antislip Corner (for 1715)	**1715C**			


1713 - 1712A


1714 - 1715


1711CO - 1712CO

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Glass Mosaics

GEMAS GLASS MOSAICS.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• KSMS-01 Sprayed Turquoise 38 x 38 cm	**17062**			
• KSMS-01 Sprayed Blue 38 x 38 cm	**17061**			
• KSMS-01 Sprayed Turquoise 25 x 25 cm	**17041**			
• KSMS-02 Sprayed Blue 25 x 25 cm	**17031**			
• MIX-13 Mix Blue 25 x 25 cm	**17011**			
• MIX-15 Mix Blue + White 25 x 25 cm	**17051**			



38 x 38 KSMS-01



38 x 38 KSMS-02



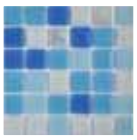
25 x 25 KSMS-01



25 x 25 KSMS-02



25 x 25 MIX-13



25 x 25 MIX-15

Leakproofing Meterials

"Fix a leak" leakproofing chemical. Prevents leakage on the body or mechanical installation of filled pools. No matter what construction material of pool or massage pool is, it can be used successfully with installation materials such as PVC, ABS, poly plastics, copper, steel etc. A single bottle of "fix a leak" is efficient per 100 m^3 pool. Minimum volume of water that a full bottle can be implemented is 2 m^3. If a more concentrated implementation is required, pool should be drained after the implementation process. Please request usage instructions for further details.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
FİX A LEAK Leakproofing Chemical	**17301**	1	1,300	



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PVC Membrane Pool Coating

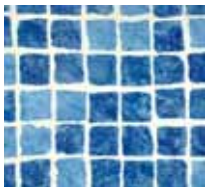
Imported Coating Membrane: 1,5 mm and 2 mm wall thickness. Manufactured of laminated double layer PVC film and fortified with polyester mesh. Can be implemented in every type of pools by using equipments of a liner pool. Sold per 25 m roll. Price per m².

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Blue - Width: 1.8x25m Thickness: 1.5mm	**17201**			
• Blue Non-Slip - Width: 1.8x25m Thickness: 1.5mm	**17202**			
• Roma Mosaic - Width: 1.8x25m Thickness: 1.5mm	**17203**			
• Roma Mosaic Non-Slip - Width: 1.8x25m Thickness: 1.5mm	**17204**			
• Sapphire - Width: 1.8x25m Thickness: 1.5mm	**17205**			
• Sapphire Non-Slip - Width: 1.8x25m Thickness: 1.5mm	**17206**			
• Blue 3D Mosaic Width: 1.8x25m Thickness: 2mm	**17207**			

PS: Colour of below pictures may differ from the original products.



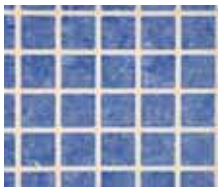
Blue
17201



Roma Mosaic
17203



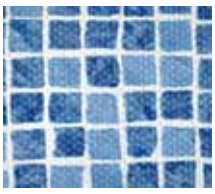
Sapphire
17205



Blue 3D Mosaic
17207



Blue Non-Slip
17202



Roma Mosaic Non-Slip
17204



Sapphire Non-Slip
17206

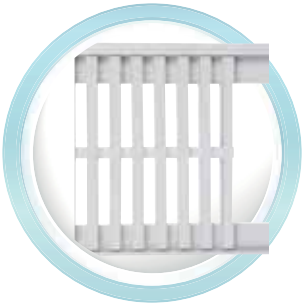
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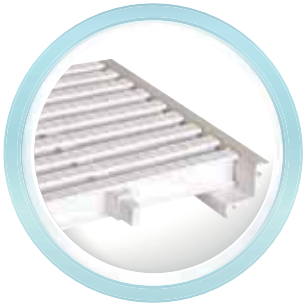
PVC Membrane Pool Coating

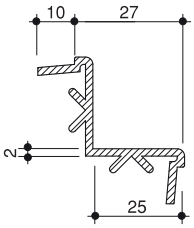
PVC laminated Stainless sheet. PVC laminated Stainless sheet with dimensions of 2 x 1 m. Used as a detection strip in PVC membrane covered pools.



Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Blue - price per piece	**17214**	1		
• PVC special conduit side profile (m)	**03752**			









Overflow Detailed

Liquid PVC - 1 l.

Description	Code	Pieces/ box	Weight Kg	Volume m^3
• Light blue 8272	**17212**	1		
• Blue 8273	**17213**	1		





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Quality Policy

GEMAS
Genel Muhendislik Mekanik Sanayi ve Ticaret A.S.
targets to be a universally well known
company in its sector.
In order to achieve that

Gemas embraces:

- Constant increase in customer satisfaction.
- Continuous development in production technology and efficiency.
- Continuous progress in all activities as the main principles of the company.

Genel Manager
İbrahim ÜSTÜNES

Date of Issue: 30.03.2005

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Safe Swimming Pleasure !

All over your pool; from construction materials to installation, from lighting to filtration, from disinfection to heating, from cleaning to massage equipment - shortly, we are in your pool, outside, and in the engine room ! **You can trust us.**

▶ Polyester Laminated/Bobbin Wound and Plastic Body Sand Filters ▶ Self-priming Pool Pumps ▶ Multiport valves ▶ PVC Fittings ▶ Skimmers ▶ Underwater Lights ▶ Transformers ▶ Pool Ladders ▶ Diving Boards ▶ Automatic Disinfection Systems ▶ Salt-Water Chlorinators ▶ Return Inlets ▶ Main Drains ▶ Overflow Gratings ▶ Automatic Pool Cleaners and Accessories ▶ Olympic Pool Accessories ▶ Plastic Valves and Fittings ▶ Pool Chemicals ▶ Heaters ▶ Fountain Nozzles ▶ Stropool Fast Pool Systems.

GEMAS

GEMPAŞ PAZARLAMA LOJİSTİK TİCARET ANONİM ŞİRKETİ

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Antalya Branch Office: Varsak Karşıyaka Mah. Süleyman Demirel Bul. No:220 B1 Apt. No:91 Kepez/Antalya-TÜRKİYE
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Bodrum Branch Office: İslamhaneleri Mah. Cumhuriyet Bulvarı No:4/A No:6 Bodrum/Muğla-TÜRKİYE
Tel:+90 252 358 6574 pbx Fax:+90 252 358 6576

TÜV SÜD ISO 9001

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VHE

GENERAL TERMS OF TRADING

Art.1. Price
Quoted prices are exclusive of VAT and of delivery. If delivery is to be organized by GEMAS, the Customer is liable to pay delivery charges to GEMAS.

Art. 2. Specifications
In order to improve the quality of our products, GEMAS shall not be under a liability in respect of specifications, illustrations or other matter in relation to goods contained in any material such as brochures, price list or trade publications, descriptive or advertising matter or delivery notes other than in respect of specifications expressly set out in GEMAS' acknowledgment order.

Art. 3. Orders
No liability shall be attached to GEMAS, its agent or employees in respect of any representation or statement made, whether before or after agreement is reached, unless confirmed in written by GEMAS. In case of cancellation of a special order, we reserve the right to invoice all the items included in the manufacturing of this product or order.

Art. 4 Payment
Subject to any special terms agreed in writing between GEMAS and the Customer, for the first order payment for the goods shall be made in cash net with order, and delivery shall not be made until payment has been received in full set by GEMAS. In the event of default in payment by the due date, GEMAS reserves the right to charge interest on all amounts overdue at the rate of 1% calculated on a monthly basis (a part of a month being treated as a full month for this purpose) until payment in full is made and to suspend delivery or terminate the contract in respect of any of the goods or services delivered to the Customer. If GEMAS takes any legal action against a customer for a non-payment, the Customer will have to pay 20% fees of the total due amount. The Customer accepts that the liabilities of GEMAS caused by the guarantee conditions cannot be an excuse for the Customer's delay in payment.

Art. 5. Delivery
Our goods are sold ex-works izmir - Turkey. GEMAS may organize the carriage of the goods to the Customer if it is specified so in the order acknowledgement. Notification of short deliveries or loss or damage to goods in transit must be made in writing to the transport company within three working days of the date when the goods have or should have been delivered. GEMAS shall bear no liability therefore unless such notification is made by the Customer and confirmed by GEMAS. Any date or time given by GEMAS to the Customer for the delivery of the goods is an estimate only. While GEMAS will always endeavor to meet dates or times given or specified by either party, no such dates or times shall be binding on GEMAS or form part of the contract. GEMAS will not accept any order cancellation, nor penalties in case of a late delivery. The Customer will bear the cost of any urgent courier dispatch.

Art. 6. Goods return
No goods shall be returned without our previous acceptance within 8 days. The Customer will bear the transport costs. If the return is accepted the Customer shall pay 15% of the invoiced value.

Art. 7. Guarantee
GEMAS warrants the goods to be of satisfactory quality from the dispatch date and takes effects after full payment of the goods. The guarantee expires once the goods have been modified out of factory. The guarantee is limited to the replacement or repair of the parts which have been proved defective, therefore no labor, no travelling expenses, no transport, no damage nor whatsoever compensation may be claimed to GEMAS. The guarantee applies only if the installation complies with professional standards. Guarantee liability of GEMAS is only to the Customer, and does not include the third parties, such as the customers of the Customer.

Art. 8. Title to the goods
Notwithstanding delivery and the passing of risk in the goods, or any other provision of these conditions, title in the goods remains vested in GEMAS and shall only pass from GEMAS to the Customer upon full payment being made by the Customer of all sums due, on whatever account or grounds to GEMAS. In the event of goods being sold by the Customer in such a manner as to pass to a third party a valid title to the goods, whilst any such sums are due to GEMAS, GEMAS' right under this condition shall attach to such part of the proceeds of sales as is equivalent to the sums due to GEMAS and the Customer shall place the relevant part of the proceeds of sale in a separate account. Until such time as title to the goods passes to the Customer, the Customer shall hold the goods as GEMAS' fiduciary agent and bailee, and shall keep the goods separate from those of the Customer and the third parties and properly stored, protected and insured and identified as GEMAS' property. Until that the time the Customer shall be entitled to resell or use the goods in the ordinary course of its business, but shall account to GEMAS for proceeds of sale or otherwise of the goods whether tangible or intangible, including insurance proceeds, and shall keep all such proceeds separate from any money or property of the Customer and third parties and this case of tangible proceeds properly stored, protected and insured. Until such time as title to the goods passes to the Customer (and provided goods are still in existence and have not been resold) GEMAS shall be entitled at any time to require the Customer to deliver up the goods to GEMAS and if the Customer fails to do so forthwith, to enter upon any premises of the Customer or any third parties where the goods are stored and repossess the goods.

Art. 9. Claims
The application of these provisions is exclusively governed by the Turkish laws. In case of any dispute arising from the execution of an order in all or part of its modalities or regarding the interpretation of these general terms, the only competent shall be the Turkish courts, even in the case of a plurality of defendants, appeals to guarantee or indivisible or connected requests.

BANK ACCOUNT

• HALKBANK IBAN No:
TR29 0001 2009 7290 0058 0001 94 (€)
TR21 0001 2009 7290 0053 0001 82 ($)
SWIFT CODE: TRHBTR2AXXX

• GARANTI BANK IBAN No:
TR73 0006 2000 4480 0009 0719 05 (€)
TR03 0006 2000 4480 0009 0719 04 ($)
SWIFT CODE: TGBATRISXXX