

PH150LS HEAT PUMP / 101319

The advantages that make all the difference

HP-Booster

HP-Booster technology allows precise regulation of the gas flow to maintain a constant gas pressure irrespective of the climatic conditions.

HP-Booster technology improves the COP by up to 20 % and provides optimum operating conditions for the compressor, so increasing its service life.

Defrosting by cycle inversion

Allows the heat pump to operate at very low temperatures (down to 0°C), much more rapid and efficient than other defrosting systems (Stop the compressor, etc.).

Reversible heat pumps

Gemas PH150LS heat pumps are reversible as standard. They may be used to heat, or to cool, pool water. This feature is particularly useful for maintaining comfortable water temperatures in pools in very warm climates, and in pools covered with a shelter during the summer.

Thermoformed casing

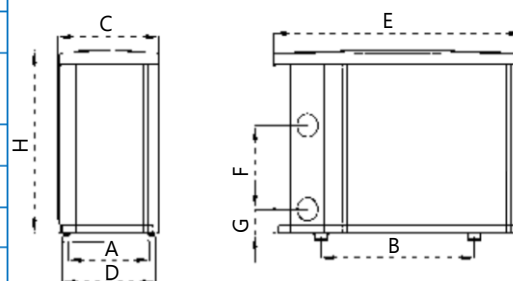
Gemas PH150LS heat pump casings are made of corrosion resistant, thermoformed ABS.

Wiring

The connection box is easy to access. Remote installed control boxes with a 10 meters electrical cable are available as an option for Gemas PH150LS heat pumps.

Technical Characteristic

TECHNICAL DATA	
Model	PH150LS
Classification according to the F.P.P. Index	A
Heating capacity, Air temp 26° C, Water temp 26° C	60.00
Certified heating capacity, Air temp 15° C, Water temp 26° C	40.10
Cooling capacity, Air temp 35° C, Water temp 28°C	36
Certified power consumption (kW)	7.94
Coefficient of performance (C.O.P.) certified at 15°	5.05
Recommended pool water volume	260
Recommended water flow rate (m ³ /h)	20 to 25
Nominal current (A)	15.20
Power supply (V)	400 Volts/3PH/50 Hertz
Power cable cross section (mm ²)	5x4.0
Electrical protection	25 A
Compressor type	Scroll-R410A
Number of fans	2
Certified acoustic power, in dB(A)	79.6
Net weight / gross weight (Kg)	225/242
Refrigerant weight per machine (Kg)	6.30



DIMENSIONS								
	A	B	C	D	E	F	G	H
PH150LS	454	1012	488	484	1384	780	84	1388