

HEAT PUMP

MEGALINE FI

FULL INVERTER TECHNOLOGY

Specially designed for public facilities and collective swimming pools. Megaline Fi operates at a temperature down to -15°C.

Thanks to its Full Inverter technology, Megaline Fi adapts its power according to your needs. The compressors and fans modulate their frequencies in real time to provide only the energy needed. This means lower energy consumption and less noise.

It has a large control panel with touch screen for a more intuitive use, you can also use the Smart Life application to control the heat pump remotely.

MAIN FEATURES

- Optimised performance for very large volumes.
- Stainless steel structure.
- **Full Inverter** Technology.
- Double rotary compressor.
- Wifi control.
- **Twisted Tech®** titanium heat exchanger.
- Compatible with salt treatment.
- Pool heat pump warranties:
 - Compressor 7 years.
 - Titanium Coil 15 years (against corrosion).
 - Rest of components 3 years.



Large format control panel



WiFi connection for remote control



Corrosion-resistant stainless steel structure.



Wide range of use down to -15°C



Large diameter connections for professional pools.



CODE	MODEL	FAMILY
HP-8070-35	Reversible heat pump Megaline with wifi 35	B
HP-8070-50	Reversible heat pump Megaline with wifi 50	B
HP-8070-75	Reversible heat pump Megaline with wifi 70	B
HP-8070-100	Reversible heat pump Megaline with wifi 100	B

* IT IS RECOMMENDED TO ALWAYS COVER THE POOL WHEN NOT IN USE.

	50	70	100
	HP-8070-50	HP-8070-75	HP-8070-100
	CAPACITY: AIR AT 26°C, WATER AT 26°C, HUMIDITY 80%		
Recommended pool volume (m³)	Request a personalised study		
Max. rated power (kW)	68	89,80	135
Min. rated power (kW)	16,1	22,62	31,9
Consumption (kW)	9,8~1,2	13,58~1,42	19,3~2,3
COR	13,54~6,93	15,93~6,61	13,59~6,98
	CAPACITY: AIR AT 15°C, WATER AT 26°C, HUMIDITY 80%		
Max. rated power (kW)	50	70	100
Min. rated power (kW)	11,7	21,43	23,6
Consumption (kW)	10,1~1,6	13,65~3,05	20,0~3,1
COR	7,52~4,93	7,65~5,05	7,58~4,99
	GENERAL DATA		
Power supply	Tri 380V/3/50Hz		
Heating temperature range	15°C / 40°C		
Cooling temperature range	8°C / 28°C		
Operating range	-15°C / 43°C		
Max. power (kW)	14,9	20	29,8
Exchanger	Twisted Tech® Titanio		
Type of compressor	Rotary Inverter		
Brand of compressor	Mitsubishi		
Number of compressors	1	2	2
Coolant	R32 / 4,5kg	R32 / 5,7kg × 2	R32 / 6,5kg × 2
Water flow (m³/h)	20	35	40
Conexiones hidráulicas (mm)	63	75	75
Sound level 1m far away (dB)	≤70	≤70	≤73
Sound level 10m far away (dB)	≤50	≤50	≤53
Weight net (Kg)	280	448	760
Measurement (mm)	1448x800x950	1252x1075x2428	2148x1076x2176
Electrical dimensioning at 10 m	RO2V 5x 6mm²	RO2V 5x 10mm²	RO2V 5x 16mm²
Function	Heating (Full Inverter) / Cooling (Full Inverter) / Silence / Auto		
Head losses (mCE)	4	4,2	4,8

