

FOR PRIVATE AND PUBLIC POOLS

OPERATES down to **-15°C** | 3 versions available

MEGALINE Fi

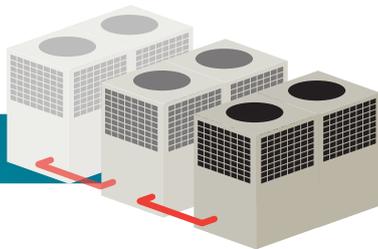


MEGALINE Fi

Full Inverter technology serving communities

- Optimized performances for very large volumes
- Stainless steels structure
- Full Inverter technology
- Twin rotary compressor
- WiFi control

	50	75	100
Swimming pool volume	Contact our experts for a detailed analysis		
COP air 15°C /water 26°C	4.93~7.52	4.96~7.55	4.99~7.58
Noise level at 10 m (db(a))	<40	<41	<42



Limitless Efficiency

The Megaline Fi is adaptable to all swimming pools, even with the biggest volumes. Connect several MEGALINE Fi to multiply their heating capacity.

HEAT PUMP WARRANTY ON SITE* **3 YEARS**

COMPRESSOR WARRANTY **7 YEARS**

TITANIUM COIL ANTI CORROSION WARRANTY **15 YEARS**



* see conditions on www.Poollex.fr

MEGALINE Fi		50	75	100
Swimming pool volume		Ask for a personal analysis		
Reference: PC-mlp		502N	752N	1002N
Air 26°C Water 26°C Hygro 80%	Max. Power output (kW)	68	102	135
	Min. Power output (kW)	16.1	24.3	31.9
	Power consumption (kW)	9.8~1.2	14.7~1.8	19.3~2.3
	COP	13.54~6.93	13.56~6.95	13.59~6.98
Air 15°C Water 26°C Hygro 70%	Max. Power output (kW)	50	75	100
	Min. Power output (kW)	11.7	17.8	23.6
	Power consumption (kW)	10.1~1.6	15.1~2.4	20.0~3.1
	COP	7.52~4.93	7.55~4.96	7.58~4.99
Electric 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. capacity (kW)		14.9	22.4	29.8
Flow (m³/h)		20	30	40
Refrigerant		R32		
Dimensions (mm)		1448x800x950	1252x1076x1865	2148x1076x2176
Hydraulic connections (mm)		63	75	75
Max. intensity (A)		27	39	53
Electric sizing at 10m		R02V 5x 6mm²	R02V 5x 10mm²	R02V 5x 16mm²
Net weight (kg)		280	450	760
Noise level at 1 m (dB(A))		≤70	≤71	≤73
Noise level at 10 m (dB(A))		≤40	≤41	≤42
Compressor type		Rotary Inverter		
Compressor brand		Mitsubishi		
Number of compressors		1	2	2
Heat exchanger		Twisted Tech© Titanium		
Function		Heating (Full Inverter) / Cooling (Full Inverter) / Silence / Auto		
Load losses (mCE)		4	4.2	4.8

EU STANDARD TÜV CERTIFIED
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The POOLEX + :



Large color display control panel



WiFi Connection for remote monitoring



Anticorrosion stainless steel structure



Large operating range up to -15°C



Large connections for professional swimming pools

The Megaline Fi is part of the new generation heat pumps dedicated to communities.

With its Full Inverter Technology, the Megaline Fi modifies its output accordingly. Both compressors and fans adjust their frequencies in real time to only supply the necessary power. Consequently, electrical consumption drops as well as sound pressure to let the heat pump go unnoticed.

The touch screen control panel allows for a more intuitive use of the Megaline Fi. You can also download the Smart Life application to control the heat pump wherever you are.

Equipped with a stainless steel structure and a powder-coated galvanized steel casing, the Megaline Fi is ready to meet

any challenge. Furthermore, its new generation Mitsubishi compressors use R32 gas, a more environmental friendly and more efficient refrigerant than the R410.

Its connections for large volumes enable it to naturally adapt itself to the flow constraints found with public equipment.

Confident of the reliability of its product range, Poolstar extends its warranty to 3 years on the heat pump, 5 years on the compressor and 15 years on the heat exchanger against any corrosion.

