



NEW  
2024



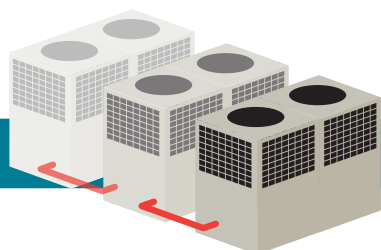
## MEGALINE Fi

### Full Inverter technology serving communities

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

35 50 70 100

Swimming pool volume	Contact our experts for a detailed analysis			
COP air 15°C / water 26°C	4,94~7,42	4,93~7,52	5,05~7,65	4,99~7,58
Noise level at 10 m (db(a))	<48	<50	<50	<53



#### Limitless Efficiency

The Megaline Fi heat pump can be adapted to any pool, even the largest. Couple several Megaline Fi units together to increase their heating capacity tenfold.

**HEAT PUMP WARRANTY  
ON SITE\***

**3  
YEARS**

**COMPRESSOR WARRANTY**

**7  
YEARS**

**TITANIUM COIL  
ANTI CORROSION WARRANTY**

**15  
YEARS**



MEGALINE Fi		35	50	70	100
Swimming pool volume		Ask for a personal analysis			
Reference: PC-MLP		353N	503N	703N	1003N
Air 26°C Water 26°C Hygro 80%	Max. Power output (kW)	44,20	68	89,80	135
	Min. Power output (kW)	13,69	16,1	22,62	31,9
	Power consumption (kW)	7,21~1,19	9,8~1,2	13,58~1,42	19,3~2,3
	COP	11,46~6,13	13,54~6,93	15,93~6,61	13,59~6,98
Air 15°C Water 26°C Hygro 70%	Max. Power output (kW)	35	50	70	100
	Min. Power output (kW)	10,72	11,7	21,43	23,6
	Power consumption (kW)	6,94~1,45	10,1~1,6	13,65~3,05	20,0~3,1
	COP	7,42~4,94	7,52~4,93	7,65~5,05	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)		9,5	14,9	20	29,8
Flow (m³/h)		15	20	35	40
Refrigerant		R32 / 4kg	R32 / 4,5kg	R32 / 5,7kg × 2	R32 / 6,5kg × 2
Dimensions (mm)		1005×936×885	1448×800×950	1252×1075×2428	2148×1076×2176
Hydraulic connections (mm)		63	63	75	75
Max. intensity (A)		14	27	35	53
Electric sizing at 10m		R02V 5 × 4mm²	R02V 5 × 6mm²	R02V 5 × 10mm²	R02V 5 × 16mm²
Net weight (kg)		180	280	448	760
Noise level at 1 m (dB(A))		≤59	≤70	≤70	≤73
Noise level at 10 m (dB(A))		≤48	≤50	≤50	≤53
Compressor type		Rotary Inverter			
Compressor brand		Mitsubishi			
Number of compressors		1	1	2	2
Heat exchanger		Twisted Tech® Titane			
Function		Heating (Full Inverter) / Cooling (Full Inverter) / Silence / Auto			
Load losses (mCE)		4	4	4,2	4,8

EU STANDARD  
TUV CERTIFIED  
Data provided for information purposes only. Can be subject to change without notice

## The POOLEX + :



Large color display control panel

\* Except MLP353N model



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.