

NEW  
★ 2024

# MEGALINE Fi

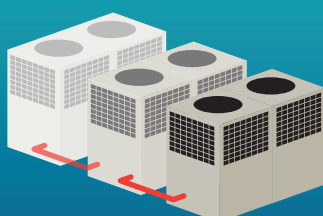
## Full Inverter technology for local authorities

- Optimised performance for very large volumes
- Stainless steel structure
- Full Inverter technology
- Dual rotary compressor
- WiFi control

	35	50	70	100
Pool volume	Contact our experts for a detailed study			
COP air 15°C / water 26°C	4,80~7,46	4,76~7,93	5,05~7,65	4,99~7,58
Noise at 10 m (db(a))	<47	<48	<50	<53

### WARRANTIES

On-site heat pump	<b>3 YEARS</b>
Compressor	<b>7 YEARS</b>
Titanium coil (corrosion resistant)	<b>15 YEARS</b>



**Infinitely expandable**  
The Megaline Fi heat pump can be adapted to any pool, even the largest. Combine several Megaline Fi units to increase their heating capacity tenfold.



\* see conditions on [www.poolex.fr](http://www.poolex.fr)

**The Megaline Fi is a new-generation heat pump designed for local authorities.**

Thanks to its Full Inverter technology, the Megaline Fi adapts its power according to requirements. Compressors and fans modulate their frequencies in real time to provide only the energy required. As a result, power consumption drops, as does sound pressure, for discreet operation.

Its large touch-sensitive control panel makes operation more intuitive, but you're free to use the Smart Life application to control the heat pump wherever you are.

With its stainless steel structure and powder-coated galvanised steel casing, the Megaline Fi is ready to take on any challenge. What's more, its new-generation Mitsubishi compressors use R32 gas, which is more environmentally friendly and more efficient than R410.

With its large-volume fittings, the Megaline Fi adapts naturally to the flow rate constraints of public facilities.

Convinced by the excellence of its products, Poolex has extended the warranty on its heat pump to 3 years, 5 years on its compressor and 15 years against heat exchanger corrosion.

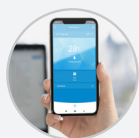
MEGALINE FI		35	50	70	100
Pool volume		REQUEST A PERSONALISED STUDY			
Reference : PC-MLP		353N	503N	703N	1003N
Air 26°C	Max. power output (kW)	42,50	63,34	89,80	135
Water 26°C	Min. power output (kW)	15,20	19,98	22,62	31,9
80% Humidity	Power consumption (kW)	7,34~1,55	10,72~1,53	13,58~1,42	19,3~2,3
	COP	11,43~5,79	13,06~5,91	15,93~6,61	13,59~6,98
Air 15°C	Max. power output (kW)	35	50	70	100
Water 26°C	Min. power output (kW)	16,54	15,4	21,43	23,6
70% Humidity	Power consumption (kW)	6,99~1,55	9,92~1,91	13,65~3,05	20,0~3,1
	COP	7,46~4,80	7,93~4,76	7,65~5,05	7,58~4,99
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)		9,5	13,46	20	29,8
Flow rate (m³/h)		15	20,5	35	40
Refrigerant		R32 / 4kg	R32 / 7kg	R32 / 5,7kg × 2	R32 / 6,5kg × 2
Dimensions (mm)		1005×936×885	1105×1033×1090	1252×1075×2428	2148×1076×2176
Hydraulic connections (mm)		63	75	75	75
Max current (A)		14	24,7	35	53
Electrical sizing at 10m		RO2V 5 × 4mm²	RO2V 5 × 6mm²	RO2V 5 × 10mm²	RO2V 5 × 16mm²
Net weight (kg)		175	225	448	760
Noise at 1 m (dB(A))		≤65	≤66	≤70	≤73
Noise at 10 m (dB(A))		≤47	≤48	≤50	≤53
Compressor type		Rotary inverter			
Compressor brand		Mitsubishi			
Number of compressors		1	1	2	2
Exchanger		Twisted Tech© Titane			
Function		Heating (Full Inverter) / Cooling (Full Inverter) / Silence / Auto			
Pressure losses (mCE)		0,5	0,6	4,2	4,8

## Accessories included



Control panel  
large colour format

\* Except MLP353N and 503 models



WiFi connection for  
remote control



Corrosion-resistant  
stainless steel  
structure



Wide operating range  
down to -15°C



Large-diameter fittings  
for professional ponds



**SCOP A**  
Energy efficiency level of an  
appliance in hot mode