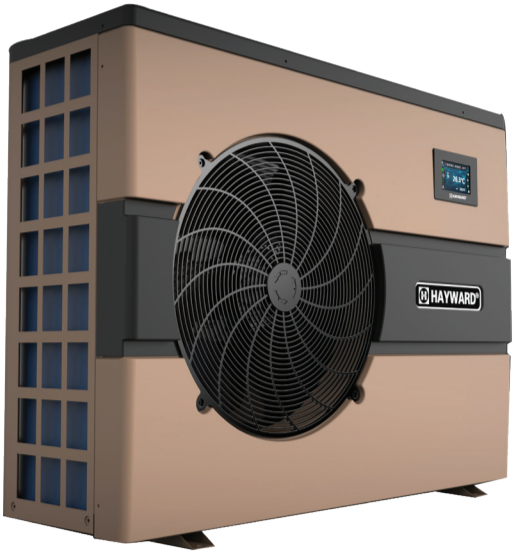
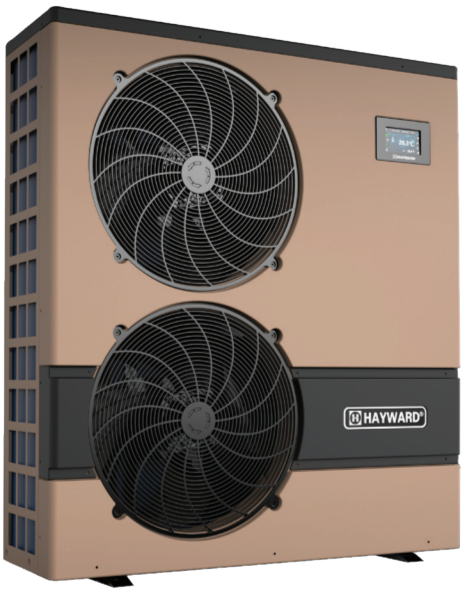
EnergyLine Pro Inverter



The new generation of heat pumps for pools

- EnergyLine Pro Inverter adjusts its power, its electricity consumption and thus its noise level to the actual needs of the pool, **thanks to its ASCL control logic microprocessor.**
- Its MITSUBISHI ELECTRIC variable speed Inverter compressor adapts its power to the climatic constraints and energy requirements of the pool.
- **Self-adaptive defrost system** to optimise defrost cycles.
- **Variable-speed Inverter blower** that adjusts its rotation speed according to the air temperature and operates on idle for a very quiet night mode.
- **Real-time information shown** on a wide control screen (diagnostic tool for professionals).
- **Four references available for pools up to a maximum of 140 m³** .



YEARS OF WARRANTY

2 PARTENAIRE TOTALLY +2

Simplified electrical connection

New intuitive, highly informative user interface

Smart Temp
Module can be used with a smartphone, tablet or PC to view the main information and change the temperature, operating times and operating mode parameters in real time.
Wifi module included

EnergyLine Pro Inverter

Description	Unit	ENPI7M	ENPI9M	ENPI11M	ENPI13T
Power supply	V∿/Ph/Hz	230V∿/1/50	230V∿/1/50	230V∿/1/50	400V∿/3N/50
Refrigerant fluid	/	R410A			
Global warming potential	/	2088			
Mass of refrigerant R410A	kg	1,1	1,3	1,8	2,1
Mass in tonnes of CO2 equivalent CO_2	$teqCO_2$	2,3	2,7	3,8	4,4
Maximum heating capacity (1) Air 27°C - RH 78% - Water 26°C	kW	**16,6**	**20,5**	**23,9**	**30,0**
Coefficient of performance (COP)1) Air 27°C - RH 78% - Water 26° C	/	5,3	5,2	5,1	5,3
Average heating capacity (2) Air 27°C - RH 78% - Water 26° C	kW	**10**	**12,1**	**16,5**	**20,1**
Average Coefficient of performance (COP)(2) Air 27°C - RH 78% - Water 26°C	/	8,7	7,8	6,6	6,5
Maximum heating capacity(3) Air 15°C - RH 71% - Water 26°C	kW	**12,8**	**16,1**	**18,5**	**22,4**
Coefficient of performance (COP) (3) Air 15°C - RH71% - Water 26°C	/	4,6	4,4	4,1	4,3
Average heating capacity (4) Air 15°C - RH 71 % - Water 26°C	kW	**7,9**	**9,9**	**11**	**13,6**
Coefficient of performance (COP)(4) Air 15°C - RH 71% - Water 26°C		6,3	5,6	5,3	5,4
Operating flow rate range	m^3/h	3 -6	4 - 7,5	4,5 - 9	5,5 - 10,5
Hydraulic connection	mm	Union 50			
Nominal operating flow rate	m^3/h	3,2	4,0	4,7	5,7
Nominal hydraulic head loss	kPa	4,6	7,0	11,6	5,1
Nominal input power	kW	1,33	1,81	2,18	2,60
Nominal input current	A	5,7	7,8	9,3	4,5
Sound pressure level at 1m	dB(A)	44 - 53	45 -56	46 - 57	48 - 58
Sound pressure level at 10m	dB(A)	27 - 36	28 - 39	29 -40	31 - 41
Defrost mode	/	By cycle inversion			
Number of fans - Type		1 -Axial	1 -Axial	2 -Axial	2 -Axial
Fan rotation speed	rpm	500 - 750	500 - 900	400 - 800	400 - 850
Compressor	/	Mitsubishi Electric rotary			
Silent mode	/	Yes			
Winter cover	/	Provided			
Heating priority function	/	Oui			
Remote control WiFi module	/	Oui			
User control box	-	12.5 cm colour touchscreen			
Control box with locking function	/	Yes			
Unit dimensions L x W x H	mm	1150 /485 /868		1150 /485 /1275	
Weight	Kg	77	82	110	113
Recommended pool volume (*)	m^3	≤ 70	≤ 95	≤ 120	≤ 140

(*) Recommended volume for a pool equipped with a heat retention cover during use from May to September.