HAYWARD

EnergyLine Pro *i*

EXPERT LINE

3 YEARS OF WARRANTY TOTALLY PARTNER +1

THE NEW GENERATION OF HEAT PUMPS FOR POOLS

- **The IN-Tech Technology Full Inverter** is the combination of an Inverter CPS Mitsubishi compressor and a DC inverter fan
- **Smart Temp® included**
- This allows to adapt **its power to the climatic constraints and energy requirements of the pool.**
  In regulation mode, up to 30% energy savings
- **Self-adaptive defrost system** to optimise defrost cycles.
- Operates on idle for a very quiet night mode
- **Real-time information shown** on a wide control screen (diagnostic tool for professionals)
- Six references available up to: **- 12 °C / COP > 5* / 140 m³**

*Air 27°C and water 26°C


Simplified electrical connection

New intuitive, highly informative user interface


New 20 m Wall mount kit (optional)

R32

FLUID R32**
Higher performance

- **Reduces** greenhouse gas emissions **by 2/3**
- **10% less** fluid
- **Easy** to use and to recycle
- **No impact** on the ozone layer

SMART TEMP INVERTER ®

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

** Only on ENPI4M and ENPI6M

ENERGYLINE PRO i

Description	Unit	ENPI4M	ENPI6M	ENPI7M	ENPI9M	ENPI11M	ENPI13T
Power supply	-	220V-240V ∿/1ph/50Hz					380V-415V ∿/3N/50Hz
Refrigerant fluid	-	R32		R410A			
Global warming potential	-	675		2088			
Mass of refrigerant	kg	0.50	0.65	1.10	1.30	1.50	2.10
Mass in tCO_2eq	-	0.34	0.44	2.30	2.71	3.13	4.38
Heating capacity range (1) Air 27 °C - RH 78% - Water 26 °C	kW	2.50--9.73	3.20--11.9	4.15--16.6	4.80--20.50	6.58--23.91	10.05--30.00
Electrical power input (1)	kW	0.20--1.34	0.28--1.68	0.31--3.12	0.40--3.94	0.67--4.73	0.83--5.61
Input current (1)	A	1.33--6.02	1.34--7.32	1.48--13.48	1.83--17.25	3.20--20.69	1.37--8.50
COP (1)	-	12.32--7.12	11.51--7.10	13.39--5.32	12.00--5.20	9.83--5.10	12.11--5.33
Average heating capacity (1) Air 27°C - Hr 78% - Water 26°C	kW	6.01	8.4	12.1	16.90	20.80	24.32
COP (1)	-	8.91	8.52	7.59	6.70	6.03	5.68
Heating capacity range (2) Air 15°C - Hr 71 % - Water 26°C	kW	1.71--7.60	2.70--9.70	3.13--12.75	6.25--16.80	6.60--18.52	7.06--22.40
Electrical power input (2)	kW	0.27--1.49	0.44--1.88	0.44--2.79	0.95--3.64	1.07--4.54	0.707--5.21
COP (2)	-	6.40--5.1	6.10--5.55	7.12--4.57	6.57--4.41	6.15--4.08	9.99--4.29
Average heating capacity (2) Air 15°C - Hr 71% - Water 26°C	kW	4.54	6.54	9.84	12.36	14.17	15.99
COP (2)	-	5.87	5.75	5.25	4.98	4.68	4.55
Nominal flow rate	m^3/h	4.20	5.10	5.30	6.70	8.00	9.50
Hydraulic connection supplied	mm	50	50	50	50	50	50
Hydraulic head loss	kPa	3.3	4.5	2.6	8.0	3.90	5.00
Sound pressure level @1 m	dB(A)	33--41	33-41	44-53	45--56	46--57	48--58
Sound pressure level @10 m	dB(A)	16--25	16--25	27--36	28--39	29--40	31--41
Type of fan	-	DC inverter					
Number of fans	-	1				2	2
Fan Speed	rpm	500--700	500--650	600--750	600--900	400--800	400--900
Silent Mode Fan Speed	rpm	300	400	500	500	500	450
Type of compressor	-	Mitsubishi	Highly	DC Inverter Mitsubishi			
Reversible heat pump	-	Yes					
Defrost mode	-	By cycle inversion					
Silent mode	-	Yes					
Winter cover	-	Provided					
Heating priority function	-	Yes					
Anti-vibration pads	-	Provided					
User control box	-	12.5 cm color touchscreen					
Net dimensions of entire unit	mm	1046/400/768		1150/485/868			1150/485/1275
Weight	kg	53	65	77	82	110	113
Recommended pool volume*	m^3	40	50	70	95	120	140

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

NEW

AVAILABLE OPTIONS

Description	ENPI4M	ENPI6M	ENPI7M	ENPI9M	ENPI11M	ENPI13T
20 m Wall mount kit	HWX29400018					