



EnergyLine Pro

Efficient, the certified benchmark

- **NF-414 certified**
- **Reversible**, for pool heating and cooling with heating priority
- **Active defrost system** for use at temperatures **as low as -5°C**
- **Ultra-quiet** compressor
- Touch screen for **easy setting**
- **Compatible** with all types of water treatment, including **salt chlorination**
- Optional: **Remote-control Smart Temp** module



Visit the pro tools section on the heat pump configuration page in the Professional area of the Hayward® web site at: <http://pro.hayward.fr/en/>



19 cm touch screen for easier accessibility



Simplified electrical connection



SMART TEMP module with remote control (optional) HWX95005010014

ENERGYLINE PRO

Description	Unit	ENP1MSC	ENP2MSC	ENP3MSC	ENP4MSC	ENP4TSC	ENP5MSC	ENP5TSC
NF-414 certification	-							
Heating capacity*	kW	5.9	8	11	12.6	12.5	15	14
Input power*	kW	1.29	1.79	2.53	2.57	2.91	3.44	3.27
Power supply	V	230V~50 Hz				400V~50 Hz	230V~50 Hz	400V3N~50 Hz
Defrosting mode	-	Reverse cycle						
Compressor Type	-	Rotary				Scroll		
Number of fans	-	1						
Fan input power	Watt	120				150		
Rotation speed of fan	RPM	850		820		850		
Fan direction	-	Horizontal						
Power noise level	dB(A)	67	68		70	68		71
Pressure noise level (at 10m) Lp _A	dB	39			42	39		42
Water connection	mm	50						
Nominal water flow*	m ³ /h	2.5	3.4	4.8	5.5	5.1	6.5	5.9
Water pressure drop (max)*	kPa	2	6	4	6		7	
Unit dimensions (l/w/h)	mm	1025/455/660			1140/470/875			
EER certification	-	4.6	4.5	4.3	4.9	4.3	4.4	4.3
Coolant	-	R410A						
Winter cover	-	Yes						
Heating priority function	-	Yes						

* Performance as per French standard NF EN 14511, included in NF-414 certification standard. Dry air 15°C – Relative humidity 71% – Air intake temperature 26°C

EnergyLine Pro All Season



The heating solution,
whatever the season

- **Three NF-414 certified models**
- **Specially designed** for use in all seasons, in extreme conditions at temperatures **as low as -12°C**
- **The Inverter blower adjusts its rotation speed** according to the air temperature and operates on idle to provide a **super-silent night mode**
- **Automatic defrost** by cycle reversal
- **Reversible, automatic** function for pool heating and cooling with heating priority
- **19 cm touch screen** for easier accessibility
- **Electronic soft start function**
- **Remote-Control Smart Temp** module **included as standard**
- Ideal for **indoor pools** and/or **cold regions**



SMART TEMP module with remote control (included as standard)



19 cm touchscreen for easier control



Simplified electrical connection



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ENERGYLINE PRO
ALL-SEASON

Description	Unit	ENP5MAS**	ENP6MASC	ENP6TASC	ENP7TASC	ENP8TAS**	ENP9TAS**	
NF-414 certification	-	in process				in process	in process	
Heating capacity	kW	14.80	17.8	18.2	23.4	24.6	30.5	
Input power	kW	3.01	3.7	3.7	5.15	5	6.1	
Current	A	14.5	16.2	7.7	9.7	9.8	11.6	
Power supply	V	230V~50 Hz		400V~/3N/50 Hz		400V~/3N/50 Hz		
Defrosting mode	-	Reverse cycle				Reverse cycle		
Compressor	-	Scroll				Scroll		
Number of fans	-	1	2	2	2	2		
Rotation speed of fan	RPM	790	820	899	925	890	895	
Fan Direction	-	Horizontal				Horizontal		
Power noise level	dB(A)	72	73		75	74	75	
Pressure noise level (at 10m) Lp _A	dB	-	45		47	43	44	
Water connection	mm	50				50		
Nominal water flow*	m ³ /h	5.5	6.6	6.6	8	9.3	11.5	
Water pressure drop (max)*	kPa	7				18	11	16
Unit dimensions (l/w/h)	mm	1165/470/864		1138/470/1264		1360/470/1280		
EER certification	-	4.9	4.8	4.9	4.6	4.8	5.1	
Coolant	kg	R410A/2.0	R410A/2.3		R410A/2.8	R410A/2.5	R410A/3.0	
Winter cover	-	Yes				Yes		
Heating priority function	-	Yes				Yes		
Smart temp	-	Yes				Yes		

* Performance as per French standard NF EN 14511, included in NF-414 certification standard. Dry air 15°C - Relative humidity 71% - Air intake temperature 26°C
 ** These three new items are currently being tested

EnergyLine Pro All-Season - Large Pools

YEARS OF WARRANTY



The heating solution,
whatever the season

- A new product **suitable for use in all high volume pools up to 200m³**
- **Specially designed for use in all seasons**, in extreme conditions at temperatures **as low as -12°C**
- Ideal for **indoor pools** and/or **cold regions**
- **The Inverter blower adjusts its rotation speed** according to the air temperature and operates on idle to provide a **super silent night mode**
- **Automatic defrost** by cycle reversal
- **Emerson Copeland** scroll compressor
- **Electronic soft start**
- **Remote-Control Smart Temp** module **included as standard**
- **Reversible, automatic** function for pool heating and cooling with heating priority



SMART TEMP module with remote control (included as standard)



19 cm touchscreen for easier control



Simplified electrical connection

ENERGYLINE PRO
ALL-SEASON
LARGE POOLS

Description	Unit	ENP10TAS*
Heating Capacity	kW	36
Input power	kW	6.5
Current	A	13.3
Power supply	V	400~/3/50
Defrosting mode	-	Reverse cycle
Compressor type	-	Scroll Emerson Copeland
Number of fans	-	2
Rotation speed of fan	RPM	600 to 1060
Fan direction	-	Horizontal
Power noise level	dB(A)	72.5
Pressure noise level (à 10 m) LpA	dB	41
Water connection	mm	63
Nominal water flow*	m ³ /h	13.5
Water pressure drop (max)*	kPa	N/C
Unit dimensions (l/w/h)	mm	1482 / 485 / 1480
EER	-	5.50
Coolant	-	R410a
Winter cover	-	Yes
Heating priority function	-	Yes
Smart Temp	-	Yes

* Performance as per French standard NF EN 14511, included in NF-414 certification standard. Dry air 15°C - Relative humidity 71% - Water intake temperature 26°C