

EnergyLine Pro



Efficient, the certified benchmark



- **A new design**
- **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/>



A connected product, thanks to the Smart Temp® Wifi module
Optional: HWX95005010014



19 cm touch screen for easier accessibility



Simplified electrical connection

ENERGYLINE PRO

| Description | Unit | ENP2MSCA | ENP3MSCA | ENP4MSCA | ENP4TSCA | ENP5MSCA | ENP5TSCA | |
|--|-------------------|------------------|----------|----------|------------------|-------------|-----------------|--|
| NF-414 certification | - | | | | | | | |
| Heating capacity* | kW | 8 | 11 | 12.6 | 12.5 | 15 | 14 | |
| Input power* | kW | 1.79 | 2.53 | 2.57 | 2.91 | 3.44 | 3.27 | |
| Power supply | V | 230 V~50 Hz | | | 400V N~50 Hz | 230 V~50 Hz | 400 V 3 N~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) | 68 | | 70 | 68 | | 71 | |
| Pressure noise level (at 10 m) Lp _A | dB | 39 | | 42 | 39 | | 42 | |
| Water connection | mm | 50 | | | | | | |
| Nominal water flow* | m ³ /h | 3.4 | 4.8 | 5.5 | 5.1 | 6.5 | 5.9 | |
| Water pressure drop (max)* | kPa | 6 | 4 | 6 | | 7 | | |
| Unit dimensions (l/w/h) | mm | 1025 / 455 / 660 | | | 1140 / 470 / 875 | | | |
| EER certification | - | 4.5 | 4.3 | 4.9 | 4.3 | 4.4 | 4.3 | |
| Coolant | - | R410A | | | | | | |
| Winter cover | - | Yes | | | | | | |
| Heating priority function | - | Yes | | | | | | |

* Performance 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

YEARS OF WARRANTY



The heating solution, whatever the season



- **A new design***
- **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 external conditions 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**



19 cm touchscreen for easier control



Simplified electrical connection



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ENERGYLINE PRO ALL-SEASON

| Description | Unit | ENP5MAS** | ENP6MASCA | ENP6TASCA | ENP7TASCA | 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 | 230 V ~ 50 Hz | | 400 V ~ /3 N/50 Hz | | 400 V ~ /3 N/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 10 m) Lp _A | dB | 41 | 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

* The design change only affects the heat pump models that are NF certified

EnergyLine Pro All-Season - Large Pools

YEARS OF WARRANTY



2 YEARS OF WARRANTY
TOTALLY PARTNER +2

The heating solution,
whatever the season

- A new product **suitable for use in all high volume pools up to 200 m³**
- **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 external conditions 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



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