



FULL INVERTER TECHNOLOGY



iAquaLink®
COMPATIBLE

PX50

1 FULL INVERTER TECHNOLOGY: SILENT AND ECONOMICAL

Both compressor and fan operate on a 10 speed-range. PX50 guarantees an **adjusted energy consumption and noise level**, according to the exact need of power.



2 INTELLIGENT HEATING REGULATION WITH POWER MODE SELECTION

- **Boost:** max power for fast heat-up
- **Smart:** automatic power adjustment depending on temperature
- **Ecosilence:** reduced power, further energy savings and lowest noise level



3 WIDE RANGE OF POWERS

Thanks to **8 power levels**, from 6,3kW to 24kW*, PX50 range suits most pools, from the smallest up to 195m³**, for either heating or cooling.

* Air 15°C / Water 26°C / Humidity 70%

** Estimated pool size for a private pool, used from beginning of May to end of September, with 1.5 m. average depth, 14 h filtration time and winter cover. Use the Zodiac web configurators to get a more accurate sizing.



SPECIFICATIONS

Ti²²
TITANE
INSIDE

LONG-LASTING

Patented titanium heat exchanger.

DETACHABLE DISPLAY

LCD screen, detachable

FOR WHICH TYPE OF POOL?

1 FOR IN-GROUND, SEMI-IN-GROUND AND ABOVE-GROUND POOLS

2 INTERIOR AND EXTERIOR POOLS UP TO 195 M³*

3 SUITABLE FOR ALL TYPES OF WATER TREATMENT



TECHNICAL INFORMATION

| MODELS | PX50 MD3 | PX50 MD4 | PX50 MD5 | PX50 MD6 | PX50 MD7 | PX50 MD9 | PX50 MD11 | PX50 TD11 | PX50 MD12 | PX50 TD12 |
|---|---|-----------------|------------|------------|------------------|-----------|-------------------|-------------------------|-------------------------|--------------------------|
| PERFORMANCE: AIR AT 28°C / WATER AT 28°C / 80% HUMIDITY | | | | | | | | | | |
| Heating capacity (kW) | 9 - 1.9 | 10.5 - 2.1 | 13.5 - 2.5 | 16.5 - 3 | 19.5 - 3.5 | 25 - 4.5 | 31 - 5.6 | 31 - 5.6 | 35 - 7.6 | 35 - 7.6 |
| Power consumed (kW) | 1.6 - 0.2 | 1.8 - 0.2 | 2.2 - 0.2 | 2.8 - 0.2 | 3.3 - 0.3 | 4.2 - 0.3 | 5.3 - 0.4 | 5.3 - 0.4 | 5.9 - 0.5 | 5.9 - 0.5 |
| COP (Coefficient Of Performance) | 5.8 - 16 | | | | | | | | | |
| PERFORMANCE: AIR 15°C / WATER 26°C / HUMIDITY 70% | | | | | | | | | | |
| Heating capacity (kW) | 6.3 - 1.9 | 7.6 - 2 | 9.4 - 2 | 11.2 - 2.5 | 13.7 - 3 | 17.7 - 4 | 22.1 - 5.4 | 22.1 - 5.4 | 24 - 5.6 | 24 - 5.6 |
| Power consumed (kW) | 1.4 - 0.3 | 1.8 - 0.3 | 2.1 - 0.3 | 2.5 - 0.3 | 3.1 - 0.4 | 4 - 0.5 | 5 - 0.7 | 5 - 0.7 | 5.4 - 0.7 | 5.4 - 0.7 |
| COP (Coefficient Of Performance) | 4.5 - 8 | | | | | | | | | |
| TECHNICAL SPECIFICATIONS | | | | | | | | | | |
| Electric power supply | 220-240 V / 1 / 50-60 Hz | | | | | | | 380-400V / 3N~/ 50-60Hz | 220-240 V / 1 / 50-60Hz | 380-400 V / 3N~/ 50-60Hz |
| Hydraulic connection | Glued PVC 1/2 union - Ø 50 | | | | | | | | | |
| Acoustic power at 10m (dB(A)) | 34 - 22 | 36 - 23 | 39 - 23 | 40 - 23 | 41 - 24 | 42 - 25 | 43 - 26 | 44 - 26 | 44 - 27 | 44 - 27 |
| Dimensions in mm (WxDxH) | 859 x 357 x 641 | 985 x 375 x 736 | | | 1074 x 395 x 941 | | 1039 x 410 x 1339 | | | |
| Connectivity / App control | Controllable via iAquaLink®+ app using optional iQBridge RS WiFi gateway**. | | | | | | | | | |

* Estimated pool size for a private pool, used from beginning of May to end of September, with 1.5 m. average depth, 14 h filtration time and winter cover.

Use the Zodiac® web configurators to get a more accurate sizing.

** For the PX50 heat pumps sold from 1st January 2023.

► **The COP or coefficient of performance** is the ratio between the power supplied to the water in the pool and the electricity consumption of the heat pump. For example, a COP of 4 means that for 1 kWh consumed on the electricity meter, the heat pump supplies 4 times more energy to the water in the pool, that's 4 kWh.

So **the higher the COP, the more efficient and economical the system.**

Important: the COP depends on temperature (air and water) and humidity.

Easy to install, Zodiac® heat pumps are the ideal solution for heating your pool and using it more often throughout the year, while also saving energy.

Around 80% of the energy used to heat your pool... comes from the air!

STANDARD FEATURES



Winter Cover



Control Kit

OPTIONAL ACCESSORY



iQBridge RS

Plug & play WiFi gateway enabling anytime and anywhere control through the iAquaLink®+ app.

3 YEARS
OF WARRANTY

5 YEARS
WARRANTY FOR
THE COMPRESSOR

10 YEARS
WARRANTY FOR THE
CORROSION-RESISTANT
CONDENSER

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