



## THE REVERSIBLE AND SILENT ON-OFF SOLUTION



# PM40

## **1** REVERSIBLE OPERATION DOWN TO -8C° OUTDOOR AIR TEMPERATURE

Thanks to its **automatic defrosting** by cycle inversion, PM40 makes for a longer bathing season.

## 2 2-SPEED VENTILATION WITH AUTOMATIC SILENT MODE

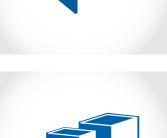
Thanks to its **automatic silent mode**, PM40 **reduces the sound level** when the need of power is lower.

## **3** LARGE GAMME DE PUISSANCES

Thanks to **8 power levels**, from 3,2kW to  $23kW^*$ , PM40 range suits most pools, from the smallest up to  $190 \text{ m}^{3**}$ , 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.



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### SPECIFICATIONS



#### 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 190 M<sup>3\*</sup>

3 SUITABLE FOR ALL TYPES OF WATER TREATMENT



TECHNICAL INFORMATION										
MODELS	PM40 MD1	PM40 MD2	PM40 MD3	PM40 MD4	PM40 MD5	PM40 MD7	PM40 MD8	PM40 TD7	PM40 TD8	PM40 TD12
PERFORMANCE: AIR AT 28°C / WATER AT 28°C / 80% HUMIDITY										
Heating capacity (kW)	4,7	7,5	10,5	11,7	14,7	17,5	22,5	18,5	22,1	31
Power consumed (kW)	0,9	1,3	1,9	2,1	2,4	3	3,6	3	3,2	4,9
COP (Coefficient Of Performance)	5,4	5,7	5,5	5,6	6,2	5,8	6	,3	6,8	6,4
PERFORMANCE: AIR 15°C / WATER 26°C / HUMIDITY 70%										
Heating capacity (kW)	3,2	5,5	7,5	8,5	10,5	12,9	16	13,5	16	23
Power consumed (kW)	0,8	1,2	1,7	1,9	2,2	2,8	3,5	3,1	3,7	4,8
COP (Coefficient Of Performance)	4	4,8	4,4	4,4 4,6 4,8 4,6				4,4		4,8
TECHNICAL SPECIFICATIONS										
Electric power supply	230 V / 1 / 50 Hz							400V / 3 / 50Hz		
Hydraulic connection	Union PVC 1''1/2 - Ø 50 glued									
Acoustic power at 10m (dB(A)	32/31	35/33	36/33		38/33	43/41	45/44	44/43	44/41	45/44
Dimensions in mm (W x D x H mm)	798 x 293 x 511	958 x 360 x 581	1015 x 370 x 621		1080 x 416 x 708		1077 x 446 x 958	1070 x 416 x 708	1077 x 446 x 958	1077 x 446 x 1258

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 PM40 heat pumps sold from 1<sup>st</sup> 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 5 means that for 1 kWh consumed on the electricity meter, the heat pump supplies 5 times more power to the pool water, or 5 kWh.

## Therefore, 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<sup>®</sup> heat pumps are the ideal solution

for heating your pool and using it more often throughout

Around 80% of the energy used to heat your pool...

STANDARD FEATURES





Photo credits: ZODIAC<sup>4</sup>

Winter Cover

Control Kit

OPTIONAL ACCESSORY



iQBridge RS

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



5 YEARS WARRANTY FOR THE COMPRESSOR WARRANTY FOR THE CORPOSION-RESISTANT CONDENSER



the year, while also saving energy.

comes from the air!