



## HORIZONTAL FULL INVERTER

# Z250iQ

### 1 SIMPLE & EFFICIENT

Horizontal full inverter technology with 3 modes :

- **Boost**: max power for fast heat-up
  - **Smart**: automatic power adjustment depending on temperature
  - **Ecosilence**: reduced power, further energy savings and lowest noise level
- It works down to **-7°C outdoor** air temperature to enjoy a longer use.



### 2 EMBEDDED CONNECTIVITY

With the **Fluidra Pool® application** and its intuitive interface, the Z250iQ heat pump's features can be set and consult remotely at any time from a smartphone.



### 3 WIDE RANGE OF POWERS

Thanks to **7 power levels from 5,5kW to 24kW\***, Z250iQ is adapted to small and large sized pools.

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



## SPECIFICATIONS



LCD INTUITIVE SCREEN



RATING "A" ACCORDING TO THE STANDARD EN17645

## FOR WHICH TYPE OF POOL?

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



- 2 INTERIOR AND EXTERIOR POOLS UP TO 195 M<sup>3</sup>\*



- 3 SUITABLE FOR ALL TYPES OF WATER TREATMENT



## TECHNICAL INFORMATION

MODELS	Z250iQ MD3	Z250iQ MD4	Z250iQ MD5	Z250iQ MD6	Z250iQ MD8	Z250iQ MD9	Z250iQ MD12	Z250iQ TD8	Z250iQ TD9	Z250iQ TD12
EN 17645 Rating	A	A	A	A	A	A	A	A	A	A
EN 17645 SCOP	8,7	8,8	10,0	9,9	8,2	8,8	8,6	8,2	8,8	8,6
PERFORMANCE: AIR AT 26°C / WATER AT 26°C / 80% HUMIDITY										
Heating capacity max-min (kW)	7 - 2	9,5 - 2,3	13 - 2,4	15,0 - 2,5	19,0 - 7,5	24,0 - 6,7	31,0 - 9,2	19,0 - 7,5	24,0 - 6,7	31,0 - 9,2
Power consumed max-min (kW)	1,1 - 0,15	1,4 - 0,2	2 - 0,1	2,5 - 0,15	3,5 - 0,6	4,5 - 0,5	5,6 - 0,7	3,5 - 0,6	4,5 - 0,5	5,6 - 0,7
COP (Coefficient Of Performance)	6,5 - 13,4	6,7 - 13,5	6,5 - 16,4	6- 16,3	5,6 - 12,5	5,4 - 13,7	5,4 - 13,2	5,6 - 12,5	5,4 - 13,7	5,4 - 13,2
PERFORMANCE: AIR 15°C / WATER 26°C / 70% HUMIDITY										
Heating capacity max-min (kW)	5,5 - 1,4	7- 1,5	9 - 1,7	11 - 1,9	15,0 - 5,4	18,0 - 4,9	24,0 - 6,3	15,0 - 5,4	18,0 - 4,9	24,0 - 6,3
Power consumed max-min (kW)	1,1 - 0,2	1,3 - 0,2	1,9 - 0,2	2,3 - 0,3	3,2 - 0,7	3,9 - 0,6	5,3 - 0,8	3,2 - 0,7	3,9 - 0,6	5,3 - 0,8
COP (Coefficient Of Performance)	5,2- 6,4	5,3 - 6,6	4,8 - 7,8	4,8 - 7,7	4,6 - 7,4	4,5 - 7,8	4,5 - 7,5	4,6 - 7,4	4,5 - 7,8	4,5 - 7,5
TECHNICAL SPECIFICATIONS										
Recommended water flow (m³/h)	3	4	5	6	7	8	11	7	8	11
Electric power supply	220-240 V / 1 / 50-60 Hz							380-400 V / 3 / 50-60Hz		
Hydraulic connection	PVC 1/2 unions, Ø 50, glued									
Acoustic pressure at 10m max-min (dB(A))	31 - 19	34 - 21		36 - 23	38 - 27	40 - 29	43 - 32	38 - 27	40 - 29	43 - 32
Dimensions in mm (WxDxH)	823 x 375 x 646			906 x 375 x 646	1174 x 425 x 881	1165 x 575 x 1025		1174 x 425 x 881	1165 x 575 x 1025	

### ► A NEW STANDARD - EN17645

This standard promotes sustainability for pool equipment which includes Heat Pumps by establishing a performance rating from "A" to "F", based on a SCOP (Seasonal Performance Coefficient) calculation.

This SCOP is calculated thanks to several COP measurements.

The best rating, "A", is a SCOP  $\geq 7$ .

### ► WHAT IS THE COP ?

The COP (Coefficient Of Performance) is the ratio between the heating capacity and power consumed.

**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!**

## INCLUDED ACCESSORIES

- Winter Cover
- Condensate drain kit
- 2 x PVC 1/2 union Ø 50
- 4 x Anti-vibration feet

\* We recommend to use our configurators to size our heat pumps :

• For professionals, visit our pro space website:  
<https://pro.fluidra.com/>

• For public use, visit our Zodiac website with a simplified and user-friendly interface:  
<https://www.zodiac.com>

