

# ZS500 HEAT PUMP

## THE BEST CHOICE FOR YOUR POOL



### Technical specifications

	ZS500 MD4	ZS500 MD5	ZS500 MD8
Pool size	From 40 to 110 m <sup>3</sup>		
Performance: Air at 28°C / Water at 28°C / Humidity 80%			
Power returned (kW)	12	15.3	20
Minimum power returned (kW)	7.4	7.8	10.5
Average coefficient of performance (COP)	7.6	7	6
Performance: Air at 15°C / Water at 26°C / Humidity 70%			
Power returned (kW)	9.1	11.6	15
Minimum power returned (kW)	5.5	5.8	7.8
Average coefficient of performance (COP)	5.7	5.4	4.8
Technical specifications			
Sound pressure level at 10 m (dB(A))	30.3	34	35.8
Dimension L x W x H (mm)	610x670x980		
Options			
Plant room installation	Yes (with plant room kit)		
Remote control	Yes (with remote control kit)		

### Shipped with:

- Winter cover
- 3 year manufacturer's warranty
- +All-season function at temperatures down to -12° C



**3**YEAR  
WARRANTY

\*TO MAKE SURE THAT YOU CHOOSE THE RIGHT MODEL FOR YOUR POOL, CONSULT YOUR ZODIAC<sup>®</sup> SALES ASSOCIATE.

### Accessories



REMOTE CONTROL KIT



PLANT ROOM KIT



NET HEAT PUMP KIT

Discover the power of our heat pumps by scanning this QR Code.



**3**YEAR  
WARRANTY



**ZS500**

The intelligent heat pump



# A TECHNOLOGICAL REVOLUTION FROM ZODIAC®

## Only half the footprint required

The ZS500 can be installed next to any pool:

- Thanks to its smaller footprint
- Vertical exhaust, so it can be placed in the smallest spaces... discretion guaranteed.



## WHY CHOOSE THE ZS500 HEAT PUMP?

Unlike conventional heat pumps that operate only in ON/OFF mode, the ZS500 offers truly intelligent heating that automatically adapts to the user's needs.

### Three heating modes:

**MODE**

**BOOST**

■ Engage turbo.  
**Ideal at the beginning of the season, when the water is still cold.**  
 This mode uses 100% of the pump's capability to quickly heat the water.

**MODE**

**ÉCO SILENCE**

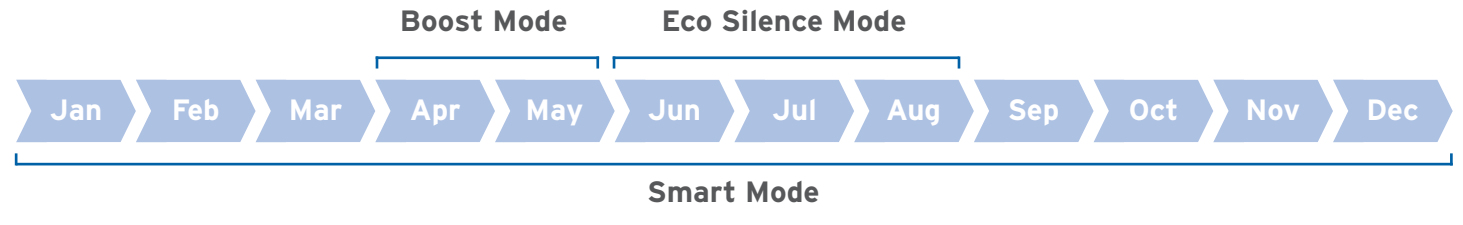
■ Silent heating with the lowest cost.  
**Ideal to maintain temperature in all seasons.**  
 This mode uses 50 to 75% of the pump's capabilities, guaranteeing silence, energy savings and performance all at the same time.

**MODE**

**SMART**

■ Intelligent, worry-free heating.  
**The ideal compromise all year round.**  
 This mode regulates your pool's temperature automatically and independently. The heat pump adjusts its strength from 50 to 100% depending on requirements, while limiting energy consumption.

### Example of use:



### Silent



The ZS500 is very quiet. It has been adjusted with the help of an acoustic laboratory (CCIM) and only generates 30 dB(A)\*.

\*Sound pressure of a ZS500 MD4, EcoSilence mode at 10 metres.

### Long-lasting



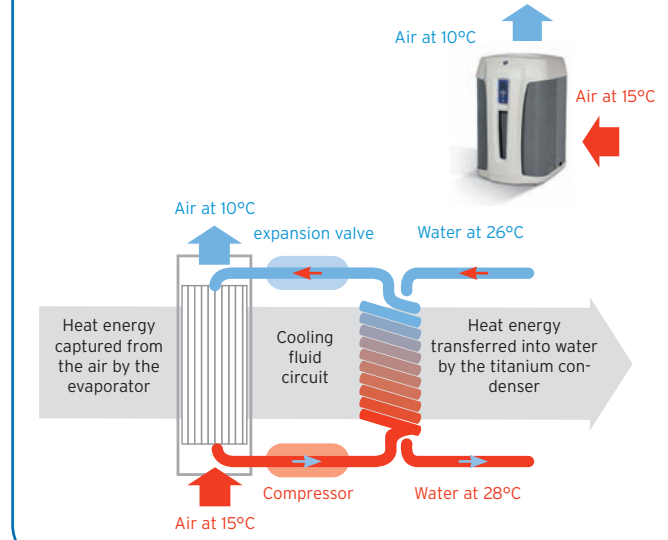
With an ultra-durable titanium heat exchanger and 3 years manufacturer's warranty, the ZS500 meets all your needs.

### Enhanced performance with INVERTER technology

**1 kW consumed = 5.6 kW produced**

With a Coefficient Of Performance (COP) of 5.6, it gives you heat at the lowest cost. For 5.6 kW used, you pay only for 1 kW – that's 4.6 kW free.

**80% of the energy comes from the air.  
 20% of the energy comes from your electricity supplier.**



INVERTER technology gives 25 to 45% energy savings (class A) compared to traditional, fixed-speed heat pumps. INVERTER controls and adjusts its speed depending on ambient temperature, in order to obtain the desired temperature.

