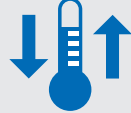


## SPECIFICATIONS

**Ti<sup>22</sup>**  
TITANIUM  
INSIDE

### Long-lasting

Patented titanium heat exchanger.



### Reversible

Suitable for use in all seasons, from intensive defrosting to cooling the pool.



### Certified performance

Zodiac® is the only manufacturer to offer NF-certified swimming pool heat pumps.

## FOR WHICH TYPE OF POOLS?

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



**2 INTERIOR AND EXTERIOR POOLS UP TO 110 M<sup>3</sup>**



**3 SUITABLE FOR ALL TYPES OF WATER TREATMENT**



## TECHNICAL INFORMATION

MODELS	ZS500 MD4	ZS500 MD5	ZS500 TD5	ZS500 MD8	ZS500 TD8
Recommended pool volume* (m <sup>3</sup> )	65	80	80	110	110
Efficiency: Air at 28°C / Water at 28°C / 80% Humidity					
Maximum power returned (kW)	12	15.3	15.3	20	20
Average power returned (kW)	9.3	11.4	11.4	15.6	15.5
Minimum power returned (kW)	7.4	7.8	7.8	10.5	10.4
Consumed power (kW)	1.2	1.6	1.6	2.6	2.6
Average COP (Coefficient Of Performance)	7.6	7	7	6	6
Efficiency: Air at 15°C / Water at 26°C / 70% Humidity NF-certified					
Maximum power returned (kW)	9.1	11.6	11.6	15	15
Average power returned (kW)	7	8.6	8.6	11.7	11.6
Minimum power returned (kW)	5.5	5.8	5.8	7.8	7.7
Consumed power (kW)	1.2	1.6	1.6	2.4	2.4
Average COP (Coefficient Of Performance)	5.7	5.4	5.4	4.8	4.8
Technical specifications					
Hydraulic connection	PVC half-union, Ø 40 or 50, glued				
Electric power supply	Single-phase 230V - 50 Hz	Single-phase 230V - 50 Hz	Three-phase 400V - 50 Hz	Single-phase 230V - 50 Hz	Three-phase 400V - 50 Hz
Dimensions (W x D x H)	61 x 67 x 98 cm				
Acoustic pressure at 10 m (dB(A))	34/34/26	38/34/29	38/32/28	39/36/25	39/36/29

\*Estimated average values for private pool with isothermal cover used from 15 May to 15 September.

- **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. As an example, a COP of 5 means that for 1 kWh consumed at the electricity meter, the heat supplies 5 times more energy to the water in the pool, or 5 kWh.

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

**Important:** the coefficient of performance directly depends on temperature (of air and water) and humidity.

Affordable and **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!**

**3 YEAR**  
WARRANTY

## STANDARD FEATURES



Wintering Cover

## AVAILABLE ACCESSORIES



Remote control module



Technical room kit



Condensate tray



Net heat pump kit



HEAT PUMP



THE ECO-SILENT  
CHOICE

**ZS500**

### 1 INTELLIGENT HEATING, PERFECT TEMPERATURE

The ZS500 features technology offering **3 operating modes**, enabling you to **heat your pool intelligently**. This gives you perfect control over water temperature according to your requirements.



**SMART**

### 2 FITS EASILY INTO SMALL SPACES

Thanks to its vertical airflow, the ZS500 is **discreet**, requiring **half the space** of standard heat pumps.



### 3 VERY QUIET ECO-MODE

The ZS500 only produces 30 decibels in EcoSilence mode, similar to **the quietness of a library**.



**ECO  
SILENCE**



# 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.

A technological revolution from Zodiac®.

## INTELLIGENT HEATING, PERFECT TEMPERATURE

### THREE OPERATING MODES



**BOOST**

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



**ECO SILENCE**

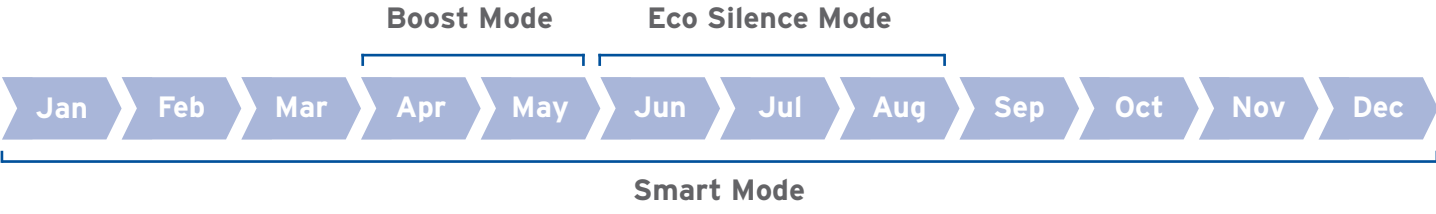
■ Silent heating with the lowest cost.  
Ideal for maintaining the temperature in all seasons.  
This mode uses 50 to 75% of the pump's capabilities, guaranteeing silence, energy savings and performance.



**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:



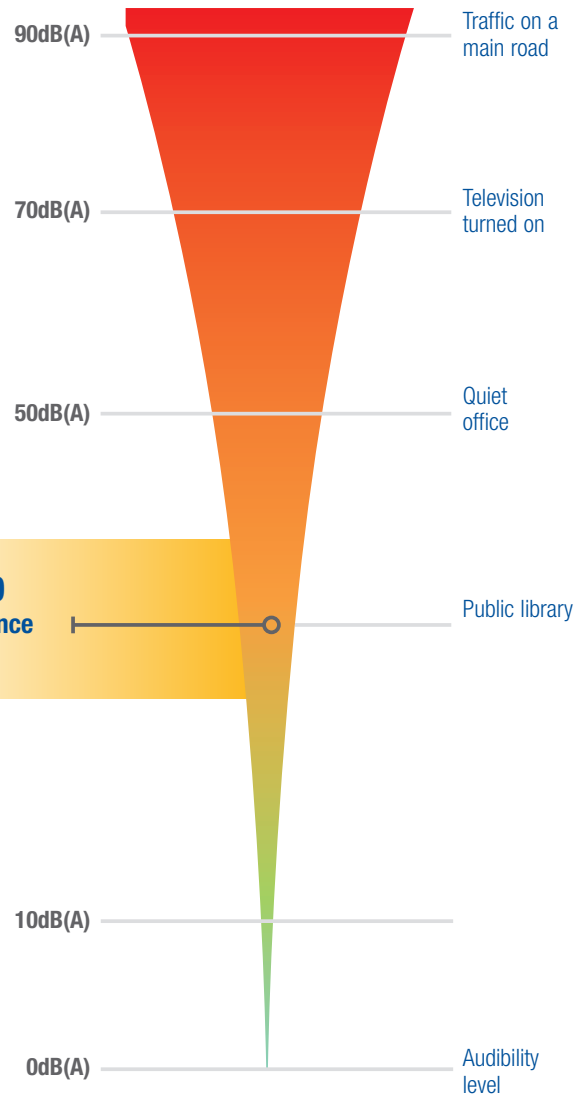
## FITS EASILY INTO SMALL SPACES

The ZS500 is discreet and can be installed next to any pool:  
■ Thanks to its smaller footprint, requiring half the space of standard heat pumps.  
■ Thanks to its vertical exhaust, it can be placed in the smallest spaces.



## VERY QUIET ECO-MODE

The ZS500 is very quiet.  
■ It has been developed in cooperation with an acoustic laboratory (CTTM).  
■ It only produces 30 dB(A)\* when operating in EcoSilence mode, similar to the quietness of a library.  
\*Acoustic pressure of a ZS500 MD4, EcoSilence mode at 10 metres.



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

