



# Zodiac ZS500 Heat Pump

*the most intelligent* heat pump



Water heated to the temperature you want, when you want and depending on the time you have available. It's no longer a dream, it's a reality with the new **Zodiac ZS500** heat pump with Heatselect® technology.

This is the first heat pump in the market offering you a choice of 3 operating modes. ECO mode allows the ZS500 to operate at as little as 50% of total energy available in the system. Smart Mode operates between 50% and 100% and Boost Mode allows you to run at 100% when you want to heat your pool as quickly as possible.



**ZODIAC®**

*a better life*

# Zodiac ZS500 Heat Pump Range

## Improved Performance

The ZS500 Heat Pump has inverter technology that allows the variable speed compressor to utilise the 3 available modes - Eco, Smart & Boost. The heat exchanger in the ZS500 has a surface area 20% larger than other heat pumps on the market, thus offering a greater capacity to collect heat from the surrounding air resulting in better performance and energy savings.

## Quiet and Low Cost Operation with EcoSilence Mode

The uniquely designed fan with ultra smooth roller bearings ensures super quiet operation, this can be very important with strict council regulations around noise control.

## Heat Intelligently with Smart Mode

Intelligent mode that automatically selects the optimum operating power for your pump, between 50% and 100% of its capacity, to find the best compromise between temperature increase rate, energy savings and silence.

### KEY SPECIFICATIONS

#### Zodiac ZS500 Heat Pumps

## Engage Turbo with Boost Mode

The most efficient way to get a rapid temperature increase, particularly at the start of the season when the water is still cold. Boost mode uses 100% of your pump's capacity at a maximum of 39dB (at 10m).

## Vertical Blower Unit for Discreet Installation

Unlike conventional heat pumps that require clear space over a radius of 5 metres, the ZS500 has a vertical blower system, allowing it to be concealed behind a wall or trees, without affecting its performance for complete discretion.

## User-Friendly Control Screen

User-friendly and simple design of the control screen of ZS500 makes setting the desired temperature and choosing the way of obtaining the temperature achievable, all in a single step.

Zodiac ZS500 Heat Pumps	ZS500 MD5	ZS500 MD8
<b>PRODUCT REFERENCE</b>		
Standard models	WH000002	WH000004
<b>PERFORMANCES : AIR 28°C / WATER 28°C / HUMID. 80%</b>		
<b>Operating power maximum (kW)</b>	<b>15,3</b>	<b>20</b>
Operating power medium (kW)	11,4	15,6
Operating power minimum (kW)	7,8	10,5
Consumed power (kW)	1,6	2,6
COP average	7	6
<b>PERFORMANCES : AIR 15°C / WATER 26°C / HUMID. 70% NF MARK</b>		
Operating power maximum (kW)	11,6	15
Operating power medium (kW)	8,6	11,7
Operating power minimum (kW)	5,8	7,8
Consumed power (kW)	1,6	2,4
COP average	5,4	4,8
<b>TECHNICAL SPECIFICATIONS</b>		
recommended pool volume* (L)	80,000	110,000
Average water flow (L/h)	5,000	6,000
Hydraulic connection	PVC Ø40 or 50 1/2 unions to glue	
Electric power supply	230V / 1 / 50Hz	230V / 1 / 50Hz
Nominal operating power (A)	10	15
Maximum operating power (A)	13,9	22
Power cable size**	3 x 2,5	3 x 6
Acoustic pressure at 10 m (dB(A))	38/34/29	39/36/25

\* Average values estimated for private pools with insulated cover from September to April, depending on geographic location and MUST be correctly sized by the Zodiac Heating Professional Team\*\* For a maximum length of 20 metres.

Zodiac lives in the backyards of Australian families, at home in the pool. Zodiac began and continues with a dedication to innovation and new product development, focused on ensuring a better way of life. Our products deliver solutions to take the hassle out of owning a pool. So, all that's left is for you to enjoy it; to enjoy a better life.

