

ITS - 50VP3

On/off Swimming Pool Heat Pump Datasheet

ITS - Heat Pumps

GENERAL SPECIFICATIONS

Model Number	ITS-50VP3
Power Supply	380/3/50Hz
Heating capacity at Air 27 ° C/ 24°, Water 27 C in. 29°C out	
Heating Capacity (kW)	50kW
Power Input (kW)	8,4kW
COP	5,95
Heating capacity at Air 15 ° C/12° C, Water 26° in. 28°C out	
Heating Capacity (kW)	42kW
Power Input (kW)	8.6kW
COP	4,88
Cooling capacity at Air 35 ° C/24° C, Water 29° in. 27°C out	
Cooling Capacity (kW)	36kW
Power Input (kW)	10,5
EER	3,42
Max Power Input (kW)	13,2kW
Max Current (A)	23,5
Refrigerant	R410
Compressor type	Scroll
Heat exchanger	Titanium
Expansion valve	Electronic
Air flow direction	Vertical
Water flow volume (m ³ / h)	20
Net dimensions (LxWxH) mm	1416 x 752 x 1055
Working temperature range (°C)	- 15 to + 43
Noise (dB)	≤65
Net weight (kg)	350kW
Water connections (mm)	63mm



Heat water to your preferred temperature all year round - ITS Heat Pumps heat your pool in all weather conditions providing you with hot pool/Jacuzzi water throughout the year.

Latest Technology with easy to control LCD display controller and also includes wifi - Each unit comes with an easy to control LCD touch screen which intelligently controls the heat pump to ensure the highest possible efficiency.

Titanium Heat Exchanger - Super corrosion resistance with 50mm standard coupling connections for easy installation. conjunction with each other, creating a hybrid system.

Environmentally friendly - ITS Heat Pumps use the natural energy in the ambient air and therefore seriously reduces green house emissions associated with the use of electricity.

Safe and reliable - ITS Heat Pumps have been designed by a team of highly qualified engineers and boast many safety features ensuring reliable operation for many years.

Fully automated anti-freeze function - ITS Heat Pumps can operate in sub-zero temperatures and can defrost themselves automatically.

Beautiful finish and superior corrosion resistance - Our inverter units have UV stabilised plastic casing and includes quality finishes and only the best quality components your machine will last for many years

5 year warranty - ITS Heat Pumps have a limited extended 5 year warranty and a full 1 year warranty. The system life expectancy is more than 10 years.

* Test results pertain to predetermined environmental input conditions. Details may change depending on variations to these conditions.

** Noise levels are based on values obtained from individual component testing conducted under controlled conditions.

Note! Should an Industrial machine be utilised in a Residential application, it may be necessary to add sound attenuation to comply with Local Authority Regulations.

This must be clarified prior to the design of the installation.

ITS continuously pursues a policy of constant improvement ; specifications are subject to change without notice.

E&OE Applies

its™
heat pumps