

# ITS - 28HPi3

INVERTER Swimming Pool Heat Pump Datasheet

## GENERAL SPECIFICATIONS

Model Number	ITS-28HPi3
Heating Capacity (A)	10,30-28,00kW
Heat Power Input	0,820-4,490kW
Heating current input (A)	1,90-7,60A
Heating Capacity (B)	7,850-21,00kW
Heat Power Input	1,080-4,320kW
Heating current input (B)	2,40-7,40A
Rated power input	6,300kW
Rated current input	10,22A
Power Supply	380-415V/3N -/50Hz
COP *	12,5
Casing	UV Stabalised plastic
Water Connections	G1½" (50mm)
Noise **	47-55dB(A)
Net Dimension (WxHxD) mm	x 862 x 490
Net Weight	92kg
Water Flow	12,0m3/h
Refrigerant	R32a

## Inverter Technology



**Why ITS Inverter technology**  
- Super Efficient - Highest COP of up to 12.5 - Wifi smartphone appcontrol - Superior corrosion resistance - Temperatures of up to 40°C - Quieter operation - A more compact design - No nonsense warrantee

(A) Ambient air 27°C / 24°C; Inlet water 26°C

(B) Ambient air 15°C / 12°C; Inlet water 26°C

**Super Efficiency** - ITS inverter technology delivers up to 2 x the efficiency of standard pool heat pumps and eliminates high start-up current problems!

**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 and also includes a wifi smart application control.

**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 greenhouse 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.

**R32a Gas** - Uses more energy efficient and environmentally friendly R32a gas resulting in up to 75% reduction in GWP compared to R410a that is being phased out.

**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 Inverter 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.

**its**™  
**heat pumps**