

ITS - 7.5HP32i

INVERTER Swimming Pool Heat Pump Datasheet

Inverter Technology

GENERAL SPECIFICATIONS

Model Number	ITS-7.5HP32i	3.760-
Heating Capacity (A)	7.500kW	0.450-
Heat Power Input	1.290kW	2.13-5.67A
Heating current input (A)	2.380-5.140kW	
Heating Capacity (B)	0.500-1.220kW	
Heat Power input	2.34-5.36A	
Heating current input (B)	1.57kW	
Rated input power	6.83A	
Rated current input	220V/1/50Hz	
Power Supply	12,5	
COP *	UV stabilised plastic	
Casing	G1½" (50mm)	38-
Water Connections	47dB	
Noise **	935 x 608 x 360	
Net Dimension (WxHxD) mm	40kg	
Net Weight	3.0m3	
Water Flow	R32	
Refrigerant		



Why Inverter technology

- Super Efficiency Guaranteed
- Highest COP rating of 12
- Wifi capabilities
- UV resistant casing
- Yellow fin evaporator
- Quieter operation
- A more compact design
- Smart Defrost

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 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.

R32 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.

E&OE Applies

ITS - 25HP32i

INVERTER Swimming Pool Heat Pump Datasheet

Inverter Technology

GENERAL SPECIFICATIONS

Model Number	ITS-25HP32i	8,700-
Heating Capacity (A)	25,00kW	0,710-
Heat Power Input	3,955kW	3,20-17,3A
Heating current input (A)	7,000-19,10kW	
Heating Capacity (B)	0,990-3,980kW	4,40-
Heat Power Input	17,4A	
Heating current input (B)	4,960kW	
Rated power input	22,50A	
Rated current input	220V/1/50Hz	
Power Supply	12,5	
COP *	UV Stabalised plastic	
Casing	G1½" (50mm)	49-
Water Connections	56dB(A)	
Noise **	1160 x 862 x 490	
Net Dimension (WxHxD) mm	88kg	
Net Weight	10,0m3/h	
Water Flow	R32a	
Refrigerant		

(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 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.

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 2 year warranty. The system life expectancy is more that 10 years.

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Why ITS Inverter technology

- Super Efficient
- Highest COP of up to 12.5
- Wifi smartphone app control
- Superior corrosion resistance
- Temperatures of up to 40°C
- Quieter operation
- A more compact design
- No nonsense warrantee

ITS - 28HPi3

INVERTER Swimming Pool Heat Pump Datasheet

Inverter Technology

GENERAL SPECIFICATIONS

Model Number	ITS-28HPi3	10,30-
Heating Capacity (A)	28,00kW	0,820-
Heat Power Input	4,490kW	1,90-7,60A
Heating current input (A)	7,850-21,00kW	
Heating Capacity (B)	1,080-4,320kW	2,40-
Heat Power Input	7,40A	
Heating current input (B)	6,300kW	
Rated power input	10,22A	
Rated current input	380-415V/3N -/50Hz	
Power Supply	12,5	
COP *	UV Stabalised plastic	
Casing	G1½" (50mm)	47-
Water Connections	55dB(A)	
Noise **	1160 x 862 x 490	
Net Dimension (WxHxD) mm	92kg	
Net Weight	12,0m3/h	
Water Flow	R32a	
Refrigerant		



Why ITS Inverter technology

- Super Efficient
- Highest COP of up to 12.5
- Wifi smartphone app control
- 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 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.

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 that 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.

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E&OE Applies

ITS - 35HPi3

INVERTERcommercialswimmingpoolheat pump datasheet

Inverter Technology

GENERAL SPECIFICATIONS

Model Number	ITS-35HPi3	6.7-
Heating Capacity (A)	35.00kW	0.54-
Heating Power Input (A)	6.89kW	5.46-23.3kW
Heating Capacity (B)	0.85-5.49kW	
Heating Power Input (B)	380V/3N/50Hz	
Power Supply	6.87kW	
Rated Power Input	11.68A/phase	
Rated Current Input	Up to 12.5	
COP *	48-58dBA	
Noise **	UV Stabalised plastic	
Casing	50mm	
Water Connections	10m ³ /h	
Water Flow Volume	R32a	
Refrigerant	1161 x 490 x 1274	
Net Dimension (LxWxH) mm	120kg	
Net Weight		



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

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

water 26°C

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

Powerful central and remote control - High speed microprocessor controller with easy to use LCD touch screen, high accuracy temperature control, automatic defrosting and wifi remote control app.

Titanium heat exchanger - Proprietary twisted titanium coils for superior corrosion resistance and 30% higher efficiency.

Broad climate suitability - The unit can operate under -15°C to +43°C ambient conditions.

Low noise - The DC inverter fan with specially designed blades for energy saving and 20% noise reduction.

Soft starting - When the machine is turned on, it's soft start technology avoids a sudden fluctuation in the power supply.

R32a gas - More energy efficient and environmentally friendly with up to 75% reduction in GWP compared to R410a that is being phased out.

Beautiful finish and superior corrosion resistance - UV stabilised plastic casing and hydrophilic evaporator coating not only looks good but maximizes corrosion resistance.

5 year warranty - ITS Inverter Heat Pumps have a limited extended 5 year warranty and a life expectancy of more than 10 years.

* Test results pertain to predetermined environmental input conditions.

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

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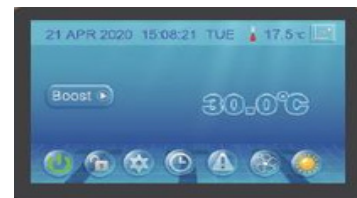
ITS - 65VPi3

INVERTERcommercialswimmingpoolheat pump datasheet

Inverter Technology

GENERAL SPECIFICATIONS

Model Number	ITS-65VPi3
Heating Capacity (A)	16.2-65.00kW
Heating Power Input (A)	1.6-12.5kW
Heating Capacity (B)	11.3-50.00kW
Heating Power Input (B)	1.6-10.9kW
Power Supply	380V/3N/50Hz
Rated Power Input	13.1kW
Rated Current Input	21A/phase
COP *	Up to 16.1
Noise **	55-60dB(A)
Casing	Powder coated mild steel
Water Connections	63mm
Water Flow Volume	27m ³ /h
Refrigerant	R410a
Net Dimension (LxWxH) mm	1750 x 830 x 1750
Net Weight	358kg
(A) Ambient air 27°C / 24°C; Inlet water 26°C	



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

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

Powerful central and remote control - 64-bit system controller with 5 inch LCD touch screen display for 0.1°C accurate temperature control, PID automatic defrosting and wifi remote control.

Titanium heat exchanger - Proprietary twisted titanium coils for superior corrosion resistance and 30% higher efficiency.

Broad climate suitability - The unit can operate under -15°C to +50°C ambient conditions.

Low noise - The DC inverter fan with specially designed blades for energy saving and 20% noise reduction.

Soft starting - When the machine is turned on, its soft start technology avoids a sudden fluctuation in the power supply.

Beautiful finish and superior corrosion resistance - High quality powder coating and hydrophilic evaporator coating not only looks good but maximizes corrosion resistance.

5 year warranty - ITS Inverter Heat Pumps have a limited extended 5 year warranty and a life expectancy of more than 10 years.

* Test results pertain to predetermined environmental input conditions.

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