its™ heat pumps & solar

TECHNICAL DATA SHEET

ITS-7.5HP32i / ITS-25HP32i / ITS-28HP32i



ITS INVERTER POOL HEAT PUMP

The ITS Inverter Pool Heat Pump range provides efficient, reliable pool heating with variable speed inverter technology. Designed to adjust output according to heating demand, the system delivers comfortable water temperatures while helping reduce energy consumption.

With R32 refrigerant, titanium heat exchange, WiFi control and corrosion resistant construction, the range is designed for dependable pool heating in residential applications.

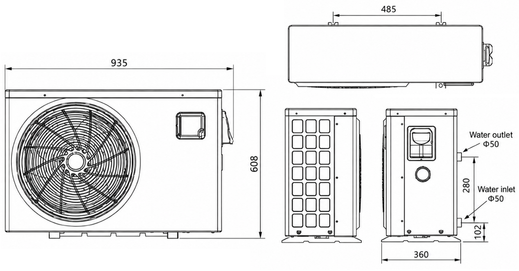
KEY FEATURES



- Full inverter technology for variable capacity operation
- Class leading efficiency
- R32 low environmental impact refrigerant
- Titanium heat exchanger for corrosion resistance
- Corrosion resistant ABS casing
- Integrated WiFi smart app control
- Heating and cooling function
- Low noise operation

TECHNICAL DRAWING

7.5kW ITS-7.5HP32i

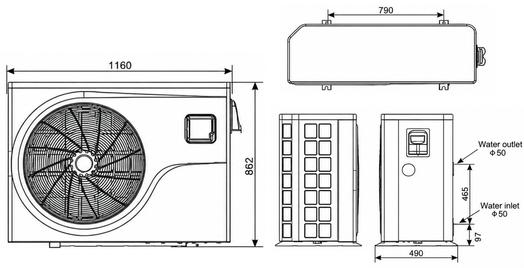


DIMENSIONS	
Length	935 mm
Width	360 mm
Height	608 mm

NOTES

- All dimensions are in millimetres (mm).
- Water connections: 50mm PVC.
- Allow minimum 500mm clearance on all sides for installation and airflow.
- Unit must be installed on a level and solid base.

25kW ITS-25HP32i / 28kW ITS-28HP32i



DIMENSIONS	
Length	1160 mm
Width	490 mm
Height	862 mm

NOTES

- All dimensions are in millimetres (mm).
- Water connections: 50mm PVC.
- Allow minimum 500mm clearance on all sides for installation and airflow.
- Unit must be installed on a level and solid base.

SPECIFICATIONS

Model Number	ITS-7.5HP32i	ITS-25HP32i	ITS-28HP32i	ITS-32HP32i
HEATING PERFORMANCE / Condition A	**Ambient Air 27°C / 24°C • Outlet Water 28°C**			
Heating Capacity	3.76 - 7.50kW	6.13 - 25.00kW	10.2 - 28.00kW	10.3 - 32.00kW
Heat Power Input	0.45 - 1.29kW	0.43 - 3.96kW	0.81 - 4.5kW	0.82 - 5.9kW
COP	8.36 - 5.81	14.00 - 6.42	12.56 - 6.23	12.56 - 5.49
HEATING PERFORMANCE / Condition B	**Ambient Air 15°C / 12°C • Outlet Water 28°C**			
Heating Capacity	2.38 - 5.14kW	7.00 - 19.10kW	7.8 - 21kW	7.9 - 24.4kW
Heat Power Input	0.50 - 1.22kW	0.99 - 3.98kW	1.07 - 4.32kW	1.08 - 5.57kW
COP	4.76 - 4.21	7.00 - 4.8	7.3 - 4.86	7.3 - 4.4
HEATING PERFORMANCE / Condition C	**Ambient Air 10°C / 6.8°C • Outlet Water 28°C**			
Heating Capacity	1.3 - 4.6kW	5.0 - 15.6kW	5.7 - 17.8kW	6.7 - 20.8kW
Heat Power Input	0.26 - 1.28kW	0.82 - 3.91kW	0.9 - 4.13kW	1.49 - 6.02kW
COP	5.0 - 3.6	6.1 - 4.0	6.3 - 4.3	4.5 - 3.5
GENERAL INFORMATION				
Certification	[CE] [CB]			
Heat Pump Type	Inverter			
Rated Input Power	1.57kW	4.96kW	6.3kW	8.26kW
Rated Input Current	6.83A	22.5A	10.22A	13.4A
Water Flow	3.0m³/h	10.0m³/h	12.0m³/h	13.8m³/h
Power Supply	220-240 Vac / 1 / 50Hz		380-415V / 3PH / 50Hz	
Casing	Corrosion Resistant ABS			
Refrigerant	R32			
Noise	41 - 48dBA	49 - 56dBA	47 - 55dBA	47 - 57dBA
Water Connection	50mm PVC Pipe			
Maximum Water Outlet Temperature	40°C			
Operating Air Temperature	-7°C to 43°C			
Unit Dimensions (L x W x H)	935 x 360 x 608mm	1160 x 490 x 862mm	1160 x 490 x 862mm	1160 x 490 x 862mm
Unit Box Size (L x Wx H)	980 x 420 x 640mm	1230 x 520 x 900mm	1230 x 520 x 900mm	1230 x 520 x 900mm
Net Weight / Gross Weight	40kg / 50kg	88kg / 100kg	98kg / 110kg	98kg / 110kg

NEED HELP SELECTING A MODEL? Use the ITS Pool Heating Calculator to estimate your pool heating requirements. POOL HEATING CALCULATOR

NEED MORE INFORMATION?

Our sales team is available to assist with product enquiries, servicing requirements and installation support. Contact your ITS representative or get in touch with our team using the details below.

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