



# LIFE IS MORE FUN IN A HEATED POOL

Enjoy warm, comfortable swimming throughout the year  
with the ITS ECO+ Premium Inverter Pool Heat Pump range.



Available in  
Black and White

## PREMIUM PERFORMANCE. YEAR AFTER YEAR.



**PREMIUM INVERTER TECHNOLOGY**  
Class leading efficiency



**COP UP TO 12.5**  
Maximum energy savings



**PV CONTROL**  
Compatible with solar systems



**ULTRA QUIET OPERATION**  
As low as 36dB



**R32 REFRIGERANT**  
Reduced environmental impact



**ADVANCED PROTECTION**  
10+ built in safeguards



**SWIM ALL YEAR ROUND**  
Extend your swimming season



**TITANIUM HEAT EXCHANGER**  
Built for lasting performance



**UV RESISTANT CASING**  
Made for South African conditions

**its**<sup>TM</sup>  
heat  
pumps & solar

021 854 5290 (CPT)  
011 900 2222 (JHB)  
info@itssolar.co.za

[www.itsheatpumps.co.za](http://www.itsheatpumps.co.za)

# TECHNICAL SPECIFICATIONS



| Model Number                                                       | ITS 10.3HPI                 | ITS 12.8HPI                 | ITS 14.5HPI                 | ITS 18.7HPI                 |
|--------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Certification                                                      | [CE] [UKCA] [CB] [SAA] [NF] | [CE] [UKCA] [CB] [SAA] [NF] | [CE] [UKCA] [CB] [SAA] [NF] | [CE] [UKCA] [CB] [SAA] [NF] |
| Heat Pump Type (Swimming Pool Heat Pump)                           | Inverter                    | Inverter                    | Inverter                    | Inverter                    |
| Boost Mode (Max) Capacity (Air 27°C/Water 26°C/Humid. 80%)         | 2.9-10.3 kW                 | 2.9-12.8 kW                 | 2.8-14.5 kW                 | 3.8-18.7 kW                 |
| Consumed Capacity                                                  | 0.24-1.56 kW                | 0.24-1.56 kW                | 0.23-2.28 kW                | 0.31-3.67 kW                |
| Boost Mode (Max) Heating Capacity (Air 15°C/Water 26°C/Humid. 71%) | 1.9-7.3 kW                  | 1.9-9.3 kW                  | 2.0-10.5 kW                 | 3.5-15.0 kW                 |
| Consumed Capacity                                                  | 0.29-1.56 kW                | 0.29-2.09 kW                | 0.29-2.28 kW                | 0.46-3.95 kW                |
| Heating Capacity (Air 27°C/Water 26°C/Humid. 80%)                  | 2.9-7.16 kW                 | 2.9-9.15 kW                 | 2.8-12.5 kW                 | 3.8-16.0 kW                 |
| Consumed Capacity                                                  | 0.24-0.95 kW                | 0.24-1.35 kW                | 0.23-1.79 kW                | 0.31-2.67 kW                |
| Heating Capacity (Air 15°C/Water 26°C/Humid. 71%)                  | 1.9-3.5 kW                  | 1.9-6.8 kW                  | 2.0-9.12 kW                 | 3.5-12.8 kW                 |
| Consumed Capacity                                                  | 0.29-1.04 kW                | 0.29-1.39 kW                | 0.29-1.81 kW                | 0.46-2.84 kW                |
| Silence Mode Heating Capacity (Air 27°C/Water 26°C/Humid. 80%)     | 2.9-5.0 kW                  | 2.9-6.1 kW                  | 2.8-7.9 kW                  | 3.8-9.7 kW                  |
| Consumed Capacity                                                  | 0.24 - 0.52 kW              | 0.24-0.71 kW                | 0.23-0.79 kW                | 0.31-1.11 kW                |
| COP                                                                | 12.1 - 9.6                  | 12.1-8.6                    | 12.2-10.0                   | 12.4-8.7                    |
| Silence Mode Heating Capacity (Air 15°C/Water 26°C/Humid. 71%)     | 1.9 - 3.6 kW                | 1.9-4.4 kW                  | 2.0-5.7 kW                  | 3.5-7.5 kW                  |
| Consumed Capacity                                                  | 0.29 - 0.63 kW              | 0.29-0.81 kW                | 0.29-0.88 kW                | 0.46-1.25 kW                |
| COP                                                                | 6.55 - 5.7                  | 6.55-5.4                    | 6.9-6.5                     | 7.6-6.0                     |
| Cooling Mode (Air 35°C/Water 26°C)                                 | 1.6 - 4.5 kW                | 1.6-5.2 kW                  | 1.8-7.0 kW                  | 2.0-7.8 kW                  |
| Consumed Capacity                                                  | 0.38-1.13 kW                | 0.38-1.55 kW                | 0.38-1.75 kW                | 0.53-2.6 kW                 |
| EER                                                                | 4.2-4.0                     | 4.2-3.35                    | 4.7-4.0                     | 3.8-3.0                     |
| Silence Mode Cooling Capacity (Air 35°C/Water 26°C)                | 1.6-3.0 kW                  | 1.6-3.5 kW                  | 1.8-4.4 kW                  | 2.0-4.8 kW                  |
| Consumed Capacity                                                  | 0.38-0.73 kW                | 0.38-0.85 kW                | 0.38-1.01 kW                | 0.53-1.41 kW                |
| EER                                                                | 4.2-4.1                     | 4.2-4.1                     | 4.7-4.35                    | 3.8-3.4                     |
| Rated Input Current                                                | 11 A                        | 13 A                        | 15 A                        | 21 A                        |
| Compressor Type                                                    | Rotary                      | Rotary                      | Rotary                      | Rotary                      |
| Water Volume                                                       | 3.1 m³/h                    | 3.9 m³/h                    | 5.4 m³/h                    | 6.9 m³/h                    |
| Power Supply                                                       | 220-240Vac/1/50Hz           | 220-240Vac/1/50Hz           | 220-240Vac/1/50Hz           | 220-240Vac/1/50Hz           |
| COP                                                                | Up to 12.5                  | Up to 12.5                  | Up to 12.5                  | Up to 12.5                  |
| Casing                                                             | Corrosion Resistant ABS     | Corrosion Resistant ABS     | Corrosion Resistant ABS     | Corrosion Resistant ABS     |
| Refrigerant                                                        | R32-0.55 kg                 | R32-0.55 kg                 | R32-0.75 kg                 | R32-0.78 kg                 |
| Noise                                                              | 41 dBA                      | 43 dBA                      | 49 dBA                      | 50 dBA                      |
| Water Connection                                                   | 50mm PVC Pipe               | 50mm PVC Pipe               | 50mm PVC Pipe               | 50mm PVC Pipe               |
| Unit Dimensions (L x W x H)                                        | 988 x 365 x 712 mm          | 988 x 365 x 712 mm          | 988 x 365 x 712 mm          | 988 x 365 x 712 mm          |
| Unit Box Size (L x W x H)                                          | 988 x 365 x 712 mm          | 988 x 365 x 712 mm          | 988 x 365 x 712 mm          | 988 x 365 x 712 mm          |
| Net Weight                                                         | 52 kg                       | 52 kg                       | 56 kg                       | 59 kg                       |

\*Ambient Air 27°C/24°C, Outlet Water 28°C \*\*Ambient Air 15°C/12°C, Outlet Water 28°C

**10**  
YEARS

**PARTS SUPPORT**  
Long term product support

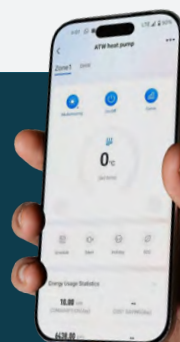
**5**  
YEARS

**WARRANTY**  
Manufacturer assurance



## SMART WI-FI CONTROL

Control your pool temperature, monitor performance and manage your system from anywhere using your smartphone



**its** <sup>TM</sup> *heat pumps & solar*

021 854 5290 (CPT)  
011 900 2222 (JHB)  
info@itssolar.co.za

www.itsheatpumps.co.za