

ECO FULL INVERTER *HEAT PUMPS*



ECO FULL INVERTER

EFI HEAT PUMPS

The EFI (Eco Full Inverter) uses the latest Inverter technology to deliver a cost saving, warmer swimming pool.

Powered by Toshiba technology, the EFI is super quiet to operate.

The digital interface makes the EFI easy to use and the built-in WIFI and optional app controller means you can control your pool heating from anywhere.

Using the advanced environmentally friendly R32 refrigerant



PRODUCT INFO

Multiple functions

- Cooling and heating, Auto functions available
- Auto operation, Auto-restart, Auto defrost
- Automatic Timer Available
- Wide ambient working condition: -7°C to 43°C
- Built in Wifi

Economical heating

By making use the renewable energy in the outside air, the EFI consumes much less energy with low carbon emissions.

Titanium heat exchanger

Using superior titanium quality ensures a long life span of the heat pump, free from corrosion and rust.

The heat exchanger is suitable for all types of pool & spa water including Mineral Pools, Bromine, Chlorine, Ozone & Salt Water Pools.

Reliable operation

To guarantee the stable running and increase the sustainability of the unit, multiple protection devices have been built into the heat pump. Control includes insufficient water flow, high/low pressure protection, overload protection & compressor protection.

Self-diagnosis

If there are any malfunctions that might happen, the EFI heat pump will automatically display an error code from the control panel. Each error code has its own corresponding troubleshooting analysis and a solution is provided in the EFI User manual.

Warranty

- 5 Years Titanium Heat Exchanger
- 2 Years Compressor
- 2 Years Electronics Parts
- 12 Months Labour

PRODUCT SPECIFICATIONS

| Model | EFI 14 | EFI 17 | EFI 23 |
|---|--------------------|------------------|------------------|
| Heating Capacity (kW) | 14.3 | 17.4 | 23.2 |
| Advise Pool Volume (m³) | 30-50 | 40-60 | 60-80 |
| Working Air Temp | - 7°C ~ 43°C | | |
| Performance Condition Air 26°C Water 26°C, Humidity 80% | | | |
| Heating Capacity (kW) | 14.3 | 17.4 | 23.2 |
| C.O.P | 14.62 | 14.5 | 14.5 |
| C.O.P in Smart Mode | 7.69 | 7.5 | 7.63 |
| Performance Condition Air 15°C Water 26°C, Humidity 70% | | | |
| Heating Capacity (kW) | 10.65 | 13 | 17.34 |
| C.O.P | 4.9 ~ 7.6 | 4.85 ~ 7.44 | 4.80 ~ 7.50 |
| C.O.P in Smart Mode | 5.76 | 5.71 | 5.65 |
| Max input power (KW) at 15°C | 0.38 ~ 2.17 | 0.47 ~ 2.64 | 0.61 ~ 3.60 |
| Unit Specs | | | |
| Power Supply | 240v ~ 50Hz ~ 1PH | | |
| Max Current (A) | 9.6 | 13.77 | 18.63 |
| Advised Water Flow LPM | 85 - 115 | 100 - 135 | 200 - 250 |
| Water Connection | 40mm | | |
| Compressor Brand | Toshiba | | |
| Compressor Type | Rotary DC Inverter | | |
| Refrigerant Type | R32 | R32 | R32 |
| Sound Pressure 1m dB (A) | 38.5 ~ 48.6 | 41.5 ~ 52.5 | 44.2 ~ 54.5 |
| Sound Pressure 10m dB (A) | 20.8 ~ 28.6 | 23.0 ~ 31.8 | 24.3 ~ 33.4 |
| Unit Weight(kg) | 46 | 50 | 70 |
| Unit Dimensions(mm) | 986 x 356 x 668 | 986 x 356 x 668 | 1076 x 426 x 720 |
| Package Dimensions(mm) | 1080 x 435 x 800 | 1080 x 435 x 800 | 1161 x 490 x 855 |