

# 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