



AUSTRALIAN ENERGY SYSTEMS

SOLAR PV
COMPATIBLE



AUSTRALIAN DESIGNED
ENGINEERED
WITH EXPERIENCE



WI-FI & IOT LED CONTROLLER
USER FRIENDLY SMART
TECHNOLOGY



HEATING & COOLING
OPTIMISED TEMPERATURE
CONTROL



COP 18
SUSTAINABLE, ENERGY EFFICIENT
PERFORMANCE



WHISPER QUIET OPERATION
AVERAGE 44 DECIBELS



COMPREHENSIVE WARRANTY
NATIONWIDE SERVICE NETWORK



**WEATHER RESISTANT
DURABILITY**
ANTI CORROSION MATERIALS

GEN 2.0 TDI ULTRA FULL INVERTER HEAT PUMP



KEEP TURNING UP THE HEAT!

Spend more time in the pool with the whole family. Efficient pool heating and everyday swimming gives you more opportunities to create special memories with those you love. **Dive in, laugh and play... together.**

WHY A GEN 2.0 EFI FULL INVERTER HEAT PUMP?

The advanced full inverter technology continuously adapts compressor and fan performance to the environmental conditions and desired temperature set point; maximising efficiency while **reducing energy consumption and heating times.**

The EFI Ultra also comes equipped with Wi-Fi and IOT app connectivity, allowing full control of temperature, run times, and heating or cooling modes, wherever you are.



TDI ULTRA INVERTER HEAT PUMP SPECIFICATIONS



| | TDI 13 | TDI 17 | TDI 20 | TDI 26 | TDI 35 | TDI 45 |
|---|--------|------------------|--------|-----------------|-----------------------|------------|
| Heating Condition #1 : Ambient 26°C, Inlet/Outlet: 26/20°C, Humidity 80% | | | | | | |
| Heating Capacity (kW) | | 16.66 | | | 34.08 | 45.01 |
| Power Input (kW) | | 0.21-2.75 | | | 0.74-5.39 | 0.75-7.37 |
| C.O.P. | | 15.50-6.06 | | | 15.62-6.46 | 14.97-6.30 |
| Heating Condition #2 : Ambient 15°C, Inlet/Outlet: 26/20°C, Humidity 70% | | | | | | |
| Heating Capacity (kW) | | 12.56 | | | 25.90 | 30.38 |
| Power Input (kW) | | 0.32-2.70 | | | 1.35-5.44 | 1.13-6.69 |
| C.O.P. | | 7.59-4.57 | | | 6.99-4.76 | 7.04-4.51 |
| General Info | | | | | | |
| Max Power Input (kW) | | 3.4 | | | 7.0 | 9.8 |
| Max Current (A) | | 14.8 | | | 13.2 | 17.5 |
| Power Supply | | 220-240V/50-60Hz | | | 380-415V/3P/50Hz-60Hz | |
| Controller | | | | LED IoT | | |
| Water Temp. Heating Mode (°C) | | | | 40 | | |
| Water Temp. Cooling Mode (°C) | | | | 8-28 | | |
| Running Ambient Temp. (°C) | | | | -10-43 | | |
| Refrigerant | | | | R32 | | |
| Compressor Brand | | | | Mitsubishi | | |
| Gas Control | | | | EEV | | |
| 4-Way Valve | | | | Yes | | |
| Heat Exchanger | | | | Titanium in PVC | | |
| Water Pipe Connection (mm) | | | | 40/50 | | |
| Fan Type | | | | Vertical | | |
| Case Design | | Cylindrical | | | Rectangular | |
| Noise Level at 1m dB(A) | | 41-50 | | | 46-62 | 46-62 |
| Noise Level at 10m dB(A) | | 23-31 | | | 32-46 | 32-46 |
| Water Flow LPM (Litres Per Minute) | | 90 | | | 220 | 300 |
| Net Weight (kg) | | 63 | | | 141 | 146 |
| Net Dimension (mm) | | 575x575x790 | | | 907x842x1052 | |

The values indicated are valid under ideal conditions. Pool covered with a thermal cover, heating system available to run up to 16 hours per day.

DON'T FORGET A POOL COVER!

The most efficient way to prevent heat loss, keep your pool clean and save on heating, chemicals and maintenance.

CONTROL FROM YOUR SMARTPHONE

