



# AUSTRALIAN ENERGY SYSTEMS

**SOLAR PV  
COMPATIBLE**



**AUSTRALIAN DESIGNED**  
ENGINEERED  
WITH EXPERIENCE



**R32 GAS**  
3X MORE GREEN-  
HOUSE FRIENDLY



**BLUEFIN COATING**  
ANTI-CORROSION



**TITANIUM**  
CORROSION RESISTANT  
HEAT EXCHANGER



**SMART TECH**  
AUTOMATIC OPERATION



**LESS THAN  
62 DECIBELS**  
SUPER QUIET



**270° AIR INTAKE**  
OPTIMAL AIR FLOW

## TDI ULTRA 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 TOP DISCHARGE INVERTER HEAT PUMP?

The vertical exhaust TDI Ultra is the most practical solution for pool owners with space constraints. The innovative design, with 270° air intake, ensures the heat pump can be installed in almost any application; without compromising on performance or operating efficiency.



# TDI ULTRA INVERTER HEAT PUMP SPECIFICATIONS



	TDI 13	TDI 20	TDI 26	TDI 35
Heating Condition #1 : Ambient 26°C, Inlet/Outlet: 26/28°C, Humidity 80%				
Heating capacity (kW)	12.56	20.41	26.21	34.8
Power Input (kW)	0.18-1.95	0.27-3.28	0.37-4.10	0.74-5.39
C.O.P.	14.65-6.46	14.35-6.23	14.35-6.54	15.62-6.46
Heating Condition #2 : Ambient 15°C, Inlet/Outlet: 26/28°C, Humidity 70%				
Heating capacity (kW)	9.75	15	19.5	25.9
Power Input (kW)	0.25-1.91	0.37-2.96	0.53-3.83	1.35-5.44
C.O.P.	8.2-5.11	8.17-5.08	8.2-5.1	6.99-4.76
General Info				
Max Power Input (kW)	3.2	4.7	6.33	7.0
Max Current (A)	12	18	24	13.2
Power Supply	15A Plug	220-240V/1Ph/50-60Hz		380-415V/3Ph/50Hz
Controller	LED			
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)	42-53	45-55	45-57	46-62
Noise Level at 10m dB(A)	23-30	25-32	28-35	32-46
Water Flow LPM (Litres Per Minute)	75	110	145	220
Net Weight (kg)	49	62	73	141
Net Dimension (mm)	500x500x720	640x640x800		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

