



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
57 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
Heating Condition #1 : Ambient 26 °C, Inlet/Outlet: 26/28 °C, Humidity 80%			
Heating capacity (kW)	12.56	20.41	26.21
Power Input (kW)	0.18-1.95	0.27-3.28	0.37-4.10
C.O.P.	14.65-6.46	14.35-6.23	14.35-6.54
Heating Condition #2 : Ambient 15°C, Inlet/Outlet: 26/28°C, Humidity 70%			
Heating capacity (kW)	9.75	15	19.5
Power Input (kW)	0.25-1.91	0.37-2.96	0.53-3.83
C.O.P.	8.2-5.11	8.17-5.08	8.2-5.1
General Info			
Max Current (A)	12	18	24
Max Power Input (kW)	3.2	4.7	6.33
Controller	LED	LED	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		
Water Flow LPM (Litres Per Minute)	75	110	145
Noise Level at 1m dB(A)	42-53	45-55	45-57
Net Dimension (mm)	500x500x720	640x640x800	

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

