



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 15

SUSTAINABLE, ENERGY EFFICIENT
PERFORMANCE



WHISPER QUIET OPERATION

AVERAGE 52 DECIBELS



COMPREHENSIVE WARRANTY

NATIONWIDE SERVICE NETWORK



270° AIR INTAKE

ENGINEERED FOR MINIMAL
SPACE

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



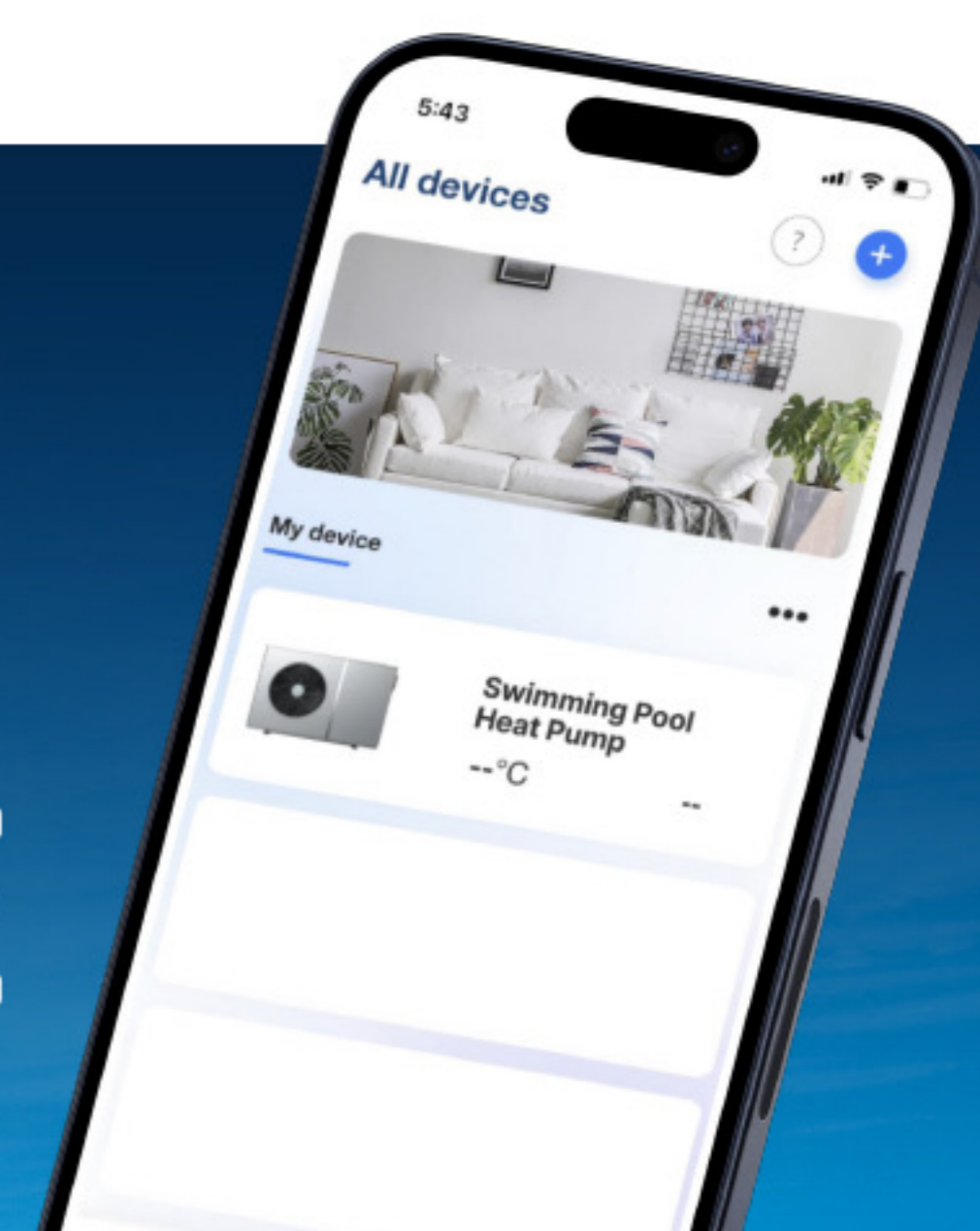
	TDI 13	TDI 20	TDI 26	TDI 35	TDI 45
Heating Condition #1 : Ambient 26° C, Inlet/Outlet: 26/28° C, Humidity 80%					
Heating Capacity (kW)	12.56	20.41	26.21	34.08	45.01
Power Input (kW)	0.18-1.95	0.27-3.28	0.37-4.10	0.74-5.39	0.75-7.37
C.O.P.	14.65-6.46	14.35-6.23	14.35-6.54	15.62-6.46	14.97-6.10
Heating Condition #2 : Ambient 15° C, Inlet/Outlet: 26/28° C, Humidity 70%					
Heating Capacity (kW)	9.75	15.00	19.50	25.90	30.18
Power Input (kW)	0.25-1.91	0.37-2.96	0.53-3.83	1.35-5.44	1.13-6.69
C.O.P.	8.20-5.11	8.17-5.08	8.20-5.10	6.99-4.76	7.04-4.51
General Info					
Max Power Input (kW)	3.2	4.7	6.4	7.0	9.8
Max Current (A)	12.0	18.0	24.0	13.2	17.5
Power Supply	15A Plug	220-240V/1Ph/50-60Hz		380-415V/3Ph/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)	42-53	45-55	45-57	46-62	46-62
Noise Level at 10m dB(A)	23-30	25-32	28-35	32-46	32-46
Water Flow LPM (Litres Per Minute)	75	110	145	220	300
Net Weight (kg)	49	62	72	141	146
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



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