



# 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 EFI ULTRA FULL INVERTER HEAT PUMP



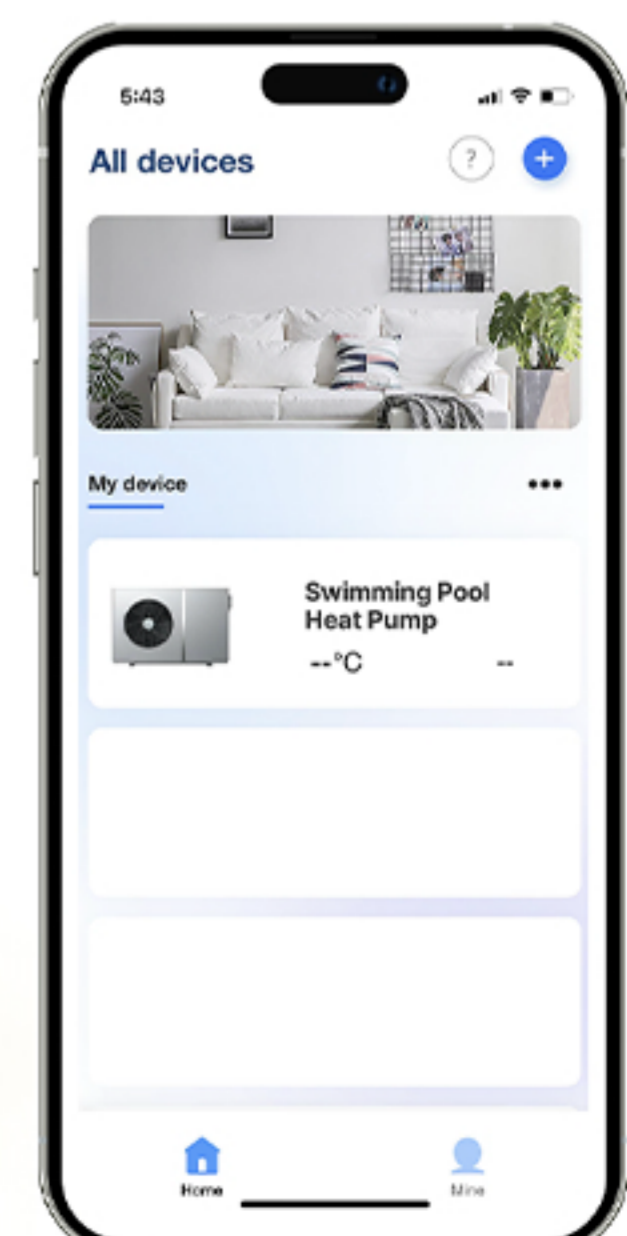
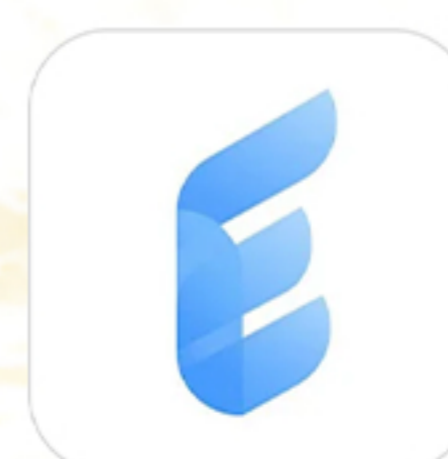
## KEEP TURNING UP THE HEAT!

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.



# GEN 2.0 EFI ULTRA FULL INVERTER HEAT PUMP SPECIFICATIONS



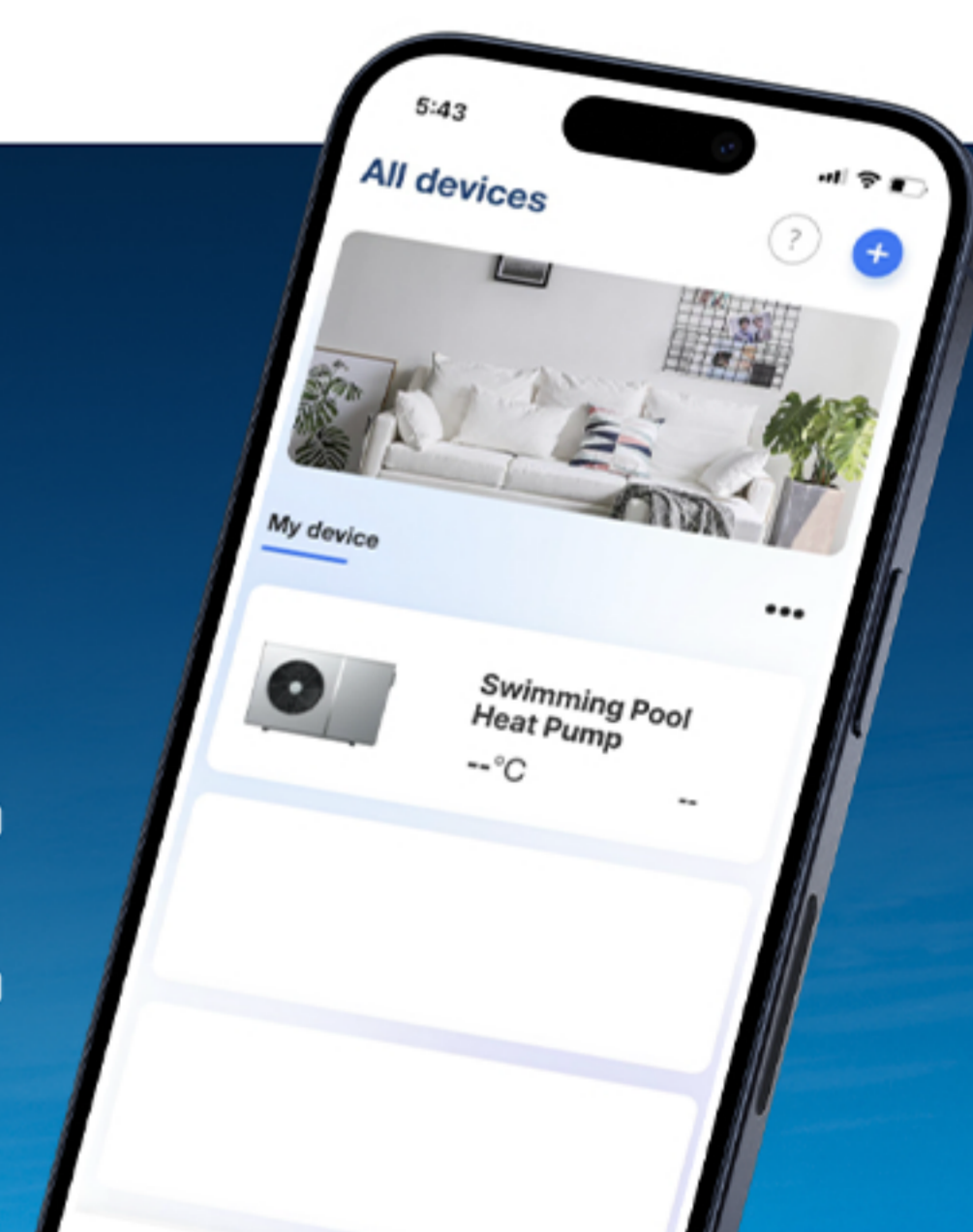
	EFI 9.5	EFI 11.5	EFI 15	EFI 21	EFI 25	EFI 28	EFI 32	EFI 35	
<b>Heating Condition #1 : Ambient 26 °C, Inlet/Outlet: 26/28 °C, Humidity 80%</b>									
Heating Capacity (kW)	9.70	11.73	15.57	21.31	25.40	28.70	32.19	35.14	
Power Input (kW)	0.13-1.36	0.15-1.75	0.18-2.40	0.30-3.27	0.31-3.89	0.31-4.50	0.35-5.02	0.39-5.85	
C.O.P.	18.76-7.13	18.50-6.70	18.00-6.48	18.36-6.50	18.12-6.52	18.74-6.37	18.32-6.41	18.00-6.01	
<b>Heating Condition #2 : Ambient 15 °C, Inlet/Outlet: 26/28 °C, Humidity 70%</b>									
Heating Capacity (kW)	7.94	8.21	11.14	14.29	17.21	20.24	23.48	25.00	
Power Input (kW)	0.19-1.53	0.27-1.61	0.36-2.19	0.43-2.78	0.48-3.35	1.06-3.75	0.68-4.85	0.74-5.55	
C.O.P.	8.31-5.18	8.14-5.20	8.30-5.10	8.10-5.10	8.00-5.10	7.74-5.39	6.91-4.84	6.80-4.50	
<b>General Info</b>									
Max Power Input (kW)	1.6	1.9	3.1	4.1	4.9	5.0	5.2	5.9	
Max Current (A)	9.1	10.8	14.1	18.8	22.3	13.2	30.0	15.4	
Power Supply	10A Plug	15A Plug	220V/1Ph/50-60Hz			380V-415V/3N~/50-60Hz	220V/1Ph/50-60Hz	380V-415V/3N~/50-60Hz	
Controller	LED IOT								
Water Temp. Heating Mode (°C)	40								
Water Temp. Cooling Mode (°C)	8-28								
Running Ambient Temp. (°C)	-15-43								
Refrigerant	R32								
Compressor Type	Twin Rotary DC								
Compressor Brand	Mitsubishi								
Gas Control	EEV								
4-Way Valve	Yes								
Heat Exchanger	Titanium in PVC								
Water Pipe Connection (mm)	40/50								
Casing Material	ABS								
Fan Type	Horizontal								
Noise Level at 1m dB(A)	32-46	32-46	33-47	34-49	34-51	35-51	40-62	42-64	
Noise Level at 10m dB(A)	15-29	15-29	16-30	17-32	17-34	18-34	24-46	26-48	
Water Flow LPM (Litres Per Minute)	60-90	70-105	85-120	120-160	135-185	200	230	250	
Net Weight (kg)	46	48	53	75	80	82	115	116	
Net Dimension (mm)	907×353×616		1000×399×658		1115×455×765		1300×530×958		

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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