



# AUSTRALIAN ENERGY SYSTEMS

SOLAR PV COMPATIBLE



**AUSTRALIAN DESIGNED**  
ENGINEERED WITH EXPERIENCE



**R32 GAS**  
3X MORE GREENHOUSE FRIENDLY



**BLUEFIN COATING**  
ANTI-CORROSION



**TITANIUM**  
CORROSION RESISTANT HEAT EXCHANGER



**SMART TECH**  
AUTOMATIC OPERATION



**LESS THAN 56 DECIBELS**  
SUPER QUIET



**USER FRIENDLY**  
AUTOMATED HEATING

## EFI 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 AN AES FULL INVERTER HEAT PUMP?

Full inverter technology dynamically regulates compressor and fan speed, depending on the environment and your temperature requirements.

This means that it only draws power as needed, which **reduces heat times and running costs.**

The EFI Ultra also comes standard with Wi-Fi and app control, allowing you to adjust temperature settings, run times, and heating/cooling modes from anywhere.



# EFI ULTRA INVERTER HEAT PUMP SPECIFICATIONS



	EFI 9.5	EFI 11.5	EFI 15	EFI 21	EFI 25
<b>Heating Condition #1 : Ambient 26°C, Inlet/Outlet: 26/28°C, Humidity 80%</b>					
Heating Capacity (kW)	9.5	11.5	15.3	21.2	25.3
Power Input (kW)	0.12-1.46	0.19-1.79	0.24-2.41	0.33-3.59	0.34-4.3
C.O.P.	14.5-6.5	14.5-6.4	14.4-6.3	14.3-5.9	14.1-5.9
<b>Heating Condition #2 : Ambient 15°C, Inlet/Outlet: 26/28°C, Humidity 70%</b>					
Heating Capacity (kW)	7.9	8.23	11.15	14.2	17.1
Power Input (kW)	0.19-1.49	0.28-1.61	0.39-2.23	0.47-2.88	0.49-3.47
C.O.P.	7.7-5.3	7.8-5.1	7.6-5	7.5-4.9	7.8-4.9
<b>General Info</b>					
Max Power Input (kW)	1.75	2.3	3.2	4.1	4.49
Max Current (A)	7.95	10.5	14.5	18.8	19.52
Power Supply	10A Plug	15A Plug	220V/1Ph/50-60Hz		
Controller	LED				
Water Temp. Heating Mode (°C)	40				
Water Temp. Cooling Mode (°C)	8-28				
Running Ambient Temp. (°C)	-10-43				
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)	39-49	41-51	42-52	44-55	45-56
Noise Level at 10m dB(A)	19-29	21-31	22-32	24-35	25-36
Water Flow LPM (Litres Per Minute)	60-90	70-105	85-120	120-160	135-185
Net Weight (kg)	39	49	56	75	85
Net Dimension (mm)	896x353x644	980x353x660		1096x447x680	

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

