



# AUSTRALIAN ENERGY SYSTEMS

50% MORE  
EFFICIENT



**LESS THAN  
55 DECIBELS**  
SUPER QUIET



**TUV TESTED**  
INDEPENDENTLY  
CERTIFIED



**UP TO 15.5 COP**  
(COEFFICIENT OF PERFORMANCE)  
ULTRA EFFICIENT



**BLUEFIN COATING**  
ANTI-CORROSION



**TITANIUM**  
CORROSION RESISTANT  
HEAT EXCHANGER



**SMART TECH**  
WI-FI ENABLED  
CONTROLS

## Ai 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 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.**



*"Being able to use our pool seven days a week, 12 months a year has increased our swimming enjoyment tenfold."*

— THE SORRELL FAMILY



# INVERTER-PLUS HEAT PUMP SPECIFICATIONS



	Ai08	Ai13	Ai17	Ai21	Ai28	Ai35t
<b>Performance Condition: Air 26°C / Water 26°C / Humidity 80%</b>						
Heating capacity (kW)	8.4	12.8	17.3	21.0	27.3	35.2
Heating capacity (kW) in silence mode	6.4	9.6	13.8	16.8	21.8	28.2
C.O.P.	14.7-7.0	15.0-7.4	15.5-5.9	15.2-5.7	15.3-6.2	15.5-5.5
COP in Silence mode	7.8	11.0	7.3	7.3	7.5	7.6
<b>Performance Condition: Air 15°C / Water 26°C / Humidity 70%</b>						
Heating capacity (kW)	5.8	8.9	11.4	14.3	18.0	24.0
Heating capacity (kW) in silence mode	4.6	6.4	9.1	11.4	14.4	19.2
C.O.P.	7.3-4.8	7.7-4.8	7.8-4.3	7.7-4.2	8.1-4.6	8.0-4.5
COP in Silence mode	5.8	6.8	5.3	5.1	5.5	5.3
Rated input power (kW)	0.16 - 1.2	0.22-1.73	0.3 - 2.6	0.36 - 3.3	0.53 - 3.8	0.63 - 5.15
Rated input current (A)	0.7 - 5.2	0.96-7.52	1.3 - 11.3	1.57 - 14.3	2.3 - 16.5	0.91 - 7.4
Max current amps	5.2	12.0	13.5	17.5	21.0	9.5
Power supply	230V/1 Ph/50Hz					400V/3 Ph/50Hz
Water Flow LPM	46-60	70 - 100	105 - 140	130 - 165	165 - 200	200 - 300
Sound pressure 1m (dB(A))	38.8 - 48.2	42.1 - 50.7	43.1 - 53.8	40.9 - 54.2	43.5 - 54.9	42.6 - 54.7
Operating air temperature (°C)	-7-43					
Heat exchanger	Spiral titanium tube in PVC					
Casing	ABS					
Water pipe in-out Spec (mm)	50					
Net dimension - LxWxH (mm)	961x340x658	961 340 658	961x420x658	961x420x758	1092x420x958	1161x530x958
Net weight kg	45	50	58	68	89	108

## SUPERIOR EFFICIENCY

Up to 80% less power consumption than standard heat pumps.

Operates year-round with smart technology that automatically adapts your heating moment-to-moment. Aqua-inverter™ produces up to 15.5kW of heat for every 1kW of electricity – **Super high performance while power saving!**

## QUIET OPERATION

10x quieter swimming environment than standard heat pumps.

With a Mitsubishi inverter compressor, full inverter ventilation system and soft startup, Aqua-inverter™ operates at 45dB, which is quieter than an '8-star' pool pump. **That's less noise than your refrigerator.**

## 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

