

# INVERTERMAX- SILENT PRO

THE ORIGINAL FULL-INVERTER  
POOL HEAT PUMP

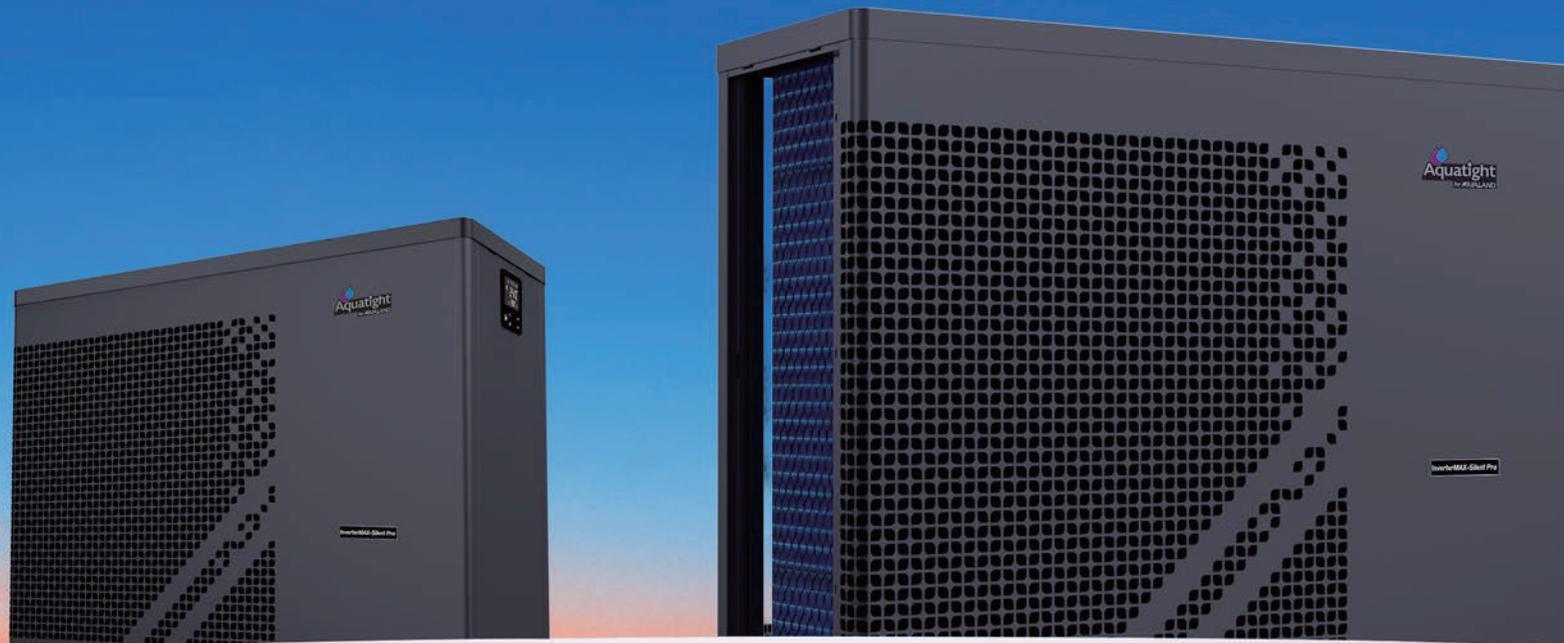


  
**Aquatight**  
by FAIRLAND

# STARTING FROM THE NEW

Listen to the Nature

  
**Aquatight**  
by FAIRLAND



# THE ORIGINAL FULL-INVERTER TECHNOLOGY

**Aquatight**  
by FAIRLAND

## Leading the Market Trend Since 2014

The Full-inverter Control System controls the compressor and fan motor speed to reach optimized performance. Only Full-inverter Control System can drive the DC-inverter Compressor Hz by Hz and DC-inverter Fan Motor round by round, which leads to the stepless running of the whole system, and brings the most comfortable, healthy & silent environment.





**10** Times Quieter Heat Pump

Sound pressure is lower to 46dB(A) at 1m, which is quieter than the fridge.



**15x** Energy Saving

COP up to 15.5, 1kW Input = 15.5kW Heat in Return



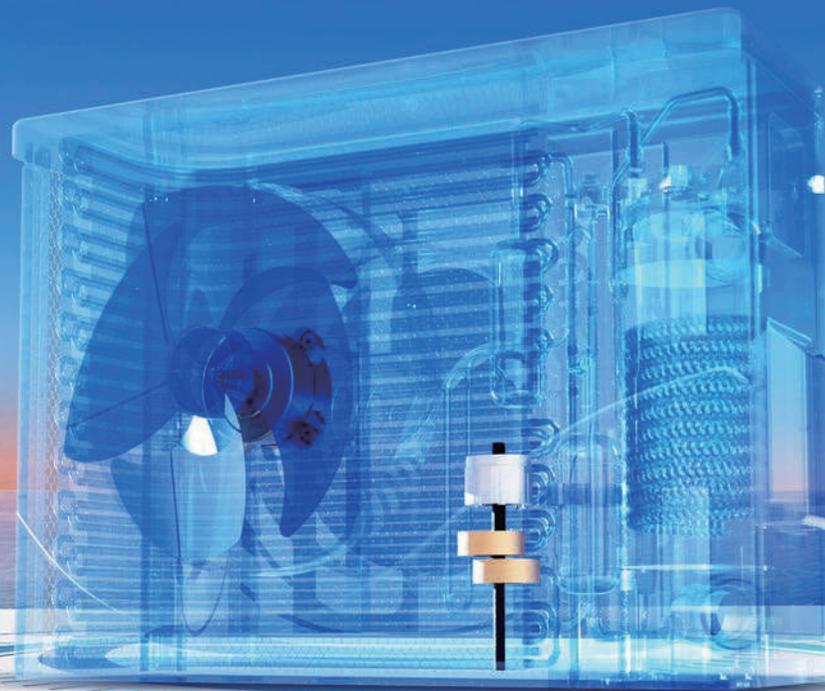
DC-inverter  
Brushless Fan Motor



Mitsubishi Twin-Rotary  
Compressor



Spiral Titanium  
Heat Exchanger





## Free Wi-Fi built-in

Remote control anytime & anywhere with Fairland Smart Pool App.



## Soft Start

The current will start from 0 Ampere and go up slowly to the rated current in 2 minutes after turning on the heat pump



## Warranty

- a. 3 year full warranty
- b. 10 year heat exchanger and compressor
- c. 25 year titanium heat exchanger tube against corrosion eff 1/8/23

# SPECIFICATIONS OF INVERTERMAX-SILENT PRO

Model	InverterMax-Silent Pro 13	InverterMax-Silent Pro 15	InverterMax-Silent Pro 17	InverterMax-Silent Pro 21	InverterMax-Silent Pro 28	InverterMax-Silent Pro 28T	InverterMax-Silent Pro 35T
Advised pool volume (m <sup>3</sup> )	30~55	35~65	40~75	50~95	65~120	65~120	90~160
Operating air temperature (°C)	-7~43						
Performance Condition: Air 26°C, Water 26°C, Humidity 80%							
Heating capacity (kW)	12.8	15.0	17.3	20.4	27.3	27.0	35.6
COP	15.0~7.4	15.5~6.7	14.8~5.9	14.5~5.7	14.6~6.2	14.5~6.2	14.6~5.5
COP at 50% capacity	11.0	10.9	10.5	10.2	10.8	10.8	10.3
Performance Condition: Air 15°C, Water 26°C, Humidity 70%							
Heating capacity (kW)	8.9	10.5	11.4	14.0	18.0	18.0	24.0
COP	7.7~4.8	7.8~4.6	7.5~4.3	7.4~4.2	7.8~4.6	7.6~4.5	7.7~4.5
COP at 50% capacity	6.8	6.6	6.1	6.1	6.5	6.5	6.8
Sound pressure at 1m dB(A)	42.1~50.7	41.3~54.0	43.1~53.8	40.9~54.2	43.5~54.9	43.5~54.9	42.6~54.7
Sound pressure of 50% capacity at 1m dB(A)	45.7	46.0	46.5	46.4	48.4	48.4	45.8
Sound pressure at 10m dB(A)	22.1~30.7	21.3~34.0	23.1~33.8	20.9~34.2	23.5~34.9	23.5~34.9	22.6~34.7
Compressor	Twin-rotary Mitsubishi DC inverter						
Heat exchanger	Spiral titanium tube in PVC						
Casing	Aluminium-alloy Casing						
Power supply	230V/1 Ph/50Hz					400V/3 Ph/50Hz	
Rated input power at air 15°C (kW)	0.22~1.73	0.27~2.2	0.3~2.6	0.38~3.3	0.57~3.8	0.53~3.9	0.62~5.2
Rated input current at air 15°C (A)	0.96~7.52	1.17~9.6	1.3~11.3	1.65~14.3	2.48~16.5	0.76~5.6	0.89~7.4
Advised water flux (m <sup>3</sup> /h)	4~6	5~7	6.5~8.5	8~10	10~12	10~12	12~18
Water pipe in-out size (mm)	48.3						
Net dimension LxWxH (mm)	961×340×658	961×340×658	961×420×658	961×420×758	1092×420×958	1092×420×958	1161×530×958
Net Weight (kg)	50	52	63	68	90	93	120
Qty per 20'FT / 40'HQ (sets)	90/198	90/198	78/165	52/165	48/104	48/104	34/72



### **Brisbane**

77 Nealdon Drive,  
Meadowbrook, QLD 4131  
Australia  
Phone: 1300 656 956

### **Perth**

2 Stretton Place  
Balcatta WA 6021  
Australia  
Phone: 1300 656 956

### **Melbourne**

Australia  
Phone: 1300 656 956

### **Sydney**

Australia  
Phone: 1300 656 956