



# Elite V3

## ADVANCED HEAT PUMP SERIES

The Elite V3 has been redesigned from the ground up to bring a revolutionised pool heating system to the Australian market. In conjunction with the newest inverter technology the unit delivers better airflow, higher efficiency, quieter operation and performance. The unit exclusively delivers market leading installation requirements of 100mm from the back and 300mm from the side, providing space saving options for Australian backyards. Engineered with durability in mind, the Elite V3 operates at optimal levels even in the most corrosive and erosive environments - achieving a massive 31.8kW in a single phase. The Elite V3 sets the standard for all other heaters.

- ✓ Revolutionary design that redirects airflow to dramatically reduce spatial requirements
- ✓ Extremely energy efficient with a COP of up to 16.4
- ✓ Full inverter stepless compressor and fan
- ✓ Sleek design
- ✓ Six models up to 31.8kW in single phase
- ✓ Three phase 40kW model
- ✓ Patented silent design
- ✓ Marine grade anti-corrosion aluminium alloy casing
- ✓ Signature diamond touch screen and intuitive display
- ✓ WiFi with smart functions
- ✓ Market leading 10 year compressor warranty
- ✓ Newest most eco-friendly R32 Refrigerant
- ✓ Three coil evaporator for a more compact unit size
- ✓ TÜV Rheinland certified
- ✓ Up to 40 degrees set point temperature
- ✓ Industry first centrifugal fan
- ✓ Advanced cold air performance
- ✓ Highest performing single phase unit

## SPECIFICATIONS

Model	ESV3-110	ESV3-140	ESV3-170	ESV3-220	ESV3-270	ESV3-320	ESV3-400
PERFORMANCE CONDITION: Air 27°C/ Water 27°C/ Humid. 80%							
Max Heating capacity (kW)	11.0	13.8	17.0	22.0	26.9	31.8	40.5
COP Range	16.2-7.3	16.0-7.4	16.1-7.1	16.4-7.4	16.1-7.3	16.2-7.2	16.0-7.0
PERFORMANCE CONDITION: Air 15°C/ Water 26°C/ Humid. 70%							
Max Heating capacity (kW)	7.3	9.2	11.5	15.0	18.0	21.8	29.0
COP Range	7.5~5.0	7.6~5.1	7.8~5.0	8.2~5.1	7.9~5.2	8.0~5.2	8.3~5.1
PERFORMANCE CONDITION: Air 35°C/ Water 26°C/ Humid. 70%							
Cooling capacity (kW)	4.1	5.6	6.5	8.1	10.2	12.2	15.0
TECHNICAL SPECIFICATIONS							
Operating air temperature (°C)	-15°C~43°C						
Compressor	Full Stepless DC Compressor						
Heat exchanger	Twisted Titanium Heat Exchanger						
Casing	Marine Grade Aluminium Alloy						
Power supply	240V 1Ph						400V 3Ph
Electrical connection	10A plug	15A plug	Hardwired	Hardwired	Hardwired	Hardwired	Hardwired
Rated input power (kW)	0.21-1.55	0.25~1.92	0.31~2.44	0.40~3.05	0.49~3.8	0.60~4.63	0.79~6.1
Rated input current (A)	0.91~6.74	1.09~8.34	1.35~10.60	1.74~13.26	2.13~16.52	2.60~20.13	1.14~8.84
Maximum input current (A)	9.0	11.0	13.0	16.0	18.0	23.0	12(3)
Sound level at 1m dB(A)	36.3~44.5	36.5~45.9	39.3~46.7	39.5~49.8	39.8~50.2	40.3~50.8	40.6~51.3
Sound level at 10m dB(A)	16.3~24.5	16.5~25.9	19.3~26.7	19.5~29.8	19.8~30.2	20.3~30.8	20.6~31.3
Advised water flow (L/Min) ±20%	65	80	100	125	150	180	230
Water connection (mm)	40						
Net weight (kg)	66	73	75	91	114	142	160
Net dimension L x W x H (mm)	750x504x656	750x504x656	840x504x656	980x504x756	1135x514x756	1029x512x1107	1139x512x1106

\* The data above is only for reference. For specific data, please refer to the nameplate on the unit.



More information about Elite V3 scan here

