inverELITE V3

Trusted by
POOL PROFESSIONALS

SUPERIOR EFFICIENCY. ADVANCED ENGINEERING. DESIGN APPEAL.

Powered by Madimack's InverMAC technology and engineered to include the latest user-features, InverELITE is a world-class pool heating and cooling solution. Unrivalled energy efficiencies, the quietest operation noise levels and market leading design make it the ultimate heating and cooling partner for avid pool owners. Madimack's InverELITE series comes with Wi-Fi as a standard inclusion and operates at optimal levels even in the coldest of conditions. The InverELITE series simply sets the standard for all other heaters.



Premium Side Airflow
InverELITE V3's innovative side airflow, draws air in from the back and out at 45 degree angle, dramatically improving installation requirements

Premium Weatherproof Casing
The elegant casing gives a sleek, premium feel resistant to weather, UV and corrosion

Quick Connect
Seamlessly integrates with Madimack Pool Pumps for synchronised performance and connects effortlessly to pool automation systems for ultimate convenience

Operation down to -15°C
Built to operate in the coldest weather and extend your pool season into the winter

Built-in Wi-Fi
Built-in Wi-Fi and a smart app provide convenience to control your pump on-the-go

Smart & quick defrosting
InverELITE is equipped with reverse cycle defrosting detecting frost accumulation during operation and automatically switch to defrosting mode

PRIORITISING SUSTAINABLE LIVING

ASST
advanced sound suppression technology

madimack

Powered by invermac TECHNOLOGY



TECHNICAL PARAMETERS

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%							
Heating capacity (kW)	11.5	14	17	22.5	26.9	31.8	40.5
COP Range	16.0 ~ 7.3	16.0 ~ 7.4	16.1 ~ 7.1	16.2 ~ 7.1	16.1 ~ 7.3	16.4 ~ 7.2	16.0 ~ 7.0
PERFORMANCE CONDITION: Air 15°C/ Water 26°C/ Humid. 70%							
Heating capacity (kW)	7.7	9.3	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 ~ 5.1	8.0 ~ 5.2	8.3 ~ 5.1
PERFORMANCE CONDITION: Air 35°C/ Water 26°C/ Humid. 70%							
Cooling Capacity (kW)	4.6	5.6	6.5	8.1	10.2	12.2	15.0
TECHNICAL SPECIFICATIONS							
Temperature set point range (°C)	12°C ~ 40°C						
Operating air temperature (°C)	-15°C ~ 43°C						
Compressor	Twin-Rotary Mitsubishi DC Compressor						
Heat exchanger	Twisted Titanium Heat Exchanger						
Casing	Marine Grade Aluminium Alloy						
Power supply	230V 1Ph						400V 3Ph
Electrical connection	10A plug	15A plug	Hard wired	Hard wired	Hard wired	Hard wired	Hard wired
Rated input power (kW)	0.24 ~ 1.79	0.29 ~ 2.16	0.36 ~ 2.67	0.45 ~ 3.33	0.54 ~ 4.0	0.59 ~ 4.36	0.78 ~ 5.8
Rated input current (A)	1.04 ~ 7.78	1.09 ~ 8.34	1.57 ~ 11.63	1.96 ~ 14.48	2.35 ~ 17.39	2.56 ~ 18.96	1.13 ~ 8.41
Maximum input current (A)	9	11	13	16	18	21	10.5
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	136	160
Net dimension LxWxH (mm)	750×504×656	750×504×656	839×504×656	979×504×756	1132×514×756	1029×512×1107	1139×512×1106

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

The Madimack Manufacturer Warranty is available on eligible purchases through Madimack Authorised Dealers and Certified Online Dealers. All Madimack products also include guarantees under the Australian Consumer Law.

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