

inverELITE^{V4}

WORLD'S MOST EFFICIENT. WORLD'S QUIETEST. WORLD CLASS INNOVATION.

InverELITE V4 pool heater is the world's most efficient and quietest heat pump. The revolutionary 3-directional airflow ensures almost silent operation and enhanced efficiency. Engineered with installation support features such as Plug & Play technology, Wi-Fi, plus quick connectivity, the InverELITE V4 sets a new standard in performance and innovation. This unit delivers unmatched pool heating excellence.



Revolutionary 3-Directional Airflow

3D triple-directional airflow minimises installation requirements and enhances efficiency



Triple Layered Sound Insulation

30% reduction in operation noise achieving a world breaking decibel rating for heat pump technology



Commercial Grade Centrifugal Fan

The compressor fan is designed with angular blades to capture surplus surrounding air and boost overall efficiency



Twin Rotary Compressor

InverELITE V4 delivers the fastest heat-up times to pool owners, getting your pool ready quicker than ever



The Most Advanced Heat Pump

Meticulously designed heat pump achieving a groundbreaking COP of 22, maximising your comfort while minimising your energy use



Plug & Play

Plug & Play installation simplicity for 10kW, 12kW and 14kW



madimack

Powered by  **invermac**
TECHNOLOGY



TECHNICAL PARAMETERS

Model	V4-100	V4-120	V4-140	V4-170	V4-190	V4-230	V4-270	V4-330	V4-410
PERFORMANCE CONDITION: Air 27°C / Water 27°C / Humid. 80%									
Heating Capacity (kW)	9.8	11.8	14.2	17.0	19.0	23.0	27.0	33.0	40.8
COP	19.5~7.0	19.7~7.2	20.2~7.2	20.4~7.2	20.0~7.0	22.0~7.3	21.0~7.2	20.3~7.1	18.9~7.0
PERFORMANCE CONDITION: Air 15°C / Water 26°C / Humid. 70%									
Heating Capacity (kW)	6.8	8.1	9.6	11.5	13.0	15.0	18.5	22.7	29.0
COP	7.6~5.1	8.1~5.2	8.5~5.1	9.0~5.3	7.9~5.0	9.6~5.6	8.9~5.2	8.0~5.2	7.8~5.0
PERFORMANCE CONDITION: Air 35°C / Water 28°C / Humid. 80%									
Cooling Capacity (kW)	4.8	5.5	6.7	9.4	10.8	11.9	13.5	15.4	20.0
TECHNICAL SPECIFICATIONS									
Temperature set point (°C)	5~40								
Operating air temperature (°C)	-20~43								
Casing	Aluminum-alloy								
Power supply	230V/1Ph								400V3Ph
Compressor	Twin-Rotary Mitsubishi DC Compressor								
Electrical connection	10A Plug	10A Plug	10A Plug	Hardwired	Hardwired	Hardwired	Hardwired	Hardwired	Hardwired
Rated input power (kW)	0.16~1.33	0.19~1.56	0.23~1.88	0.26~2.17	0.31~2.6	0.32~2.68	0.43~3.56	0.52~4.37	0.70~5.80
Rated input current (A)	0.70~5.78	0.83~6.78	1.0~8.17	1.13~9.43	1.35~11.3	1.39~11.65	1.87~15.48	2.26~19.0	1.01~8.41
Sound level at 1m db(A)	36.0~41.8	36.0~42.5	36.3~43.9	37.2~45.5	37.5~46.0	37.6~46.8	37.9~48.2	38.2~48.7	38.8~49.3
Sound level at 10m db(A)	16.0~21.8	16.0~22.5	16.3~23.9	17.3~25.5	17.5~26.0	17.6~26.8	17.9~28.2	18.2~28.7	18.8~29.3
Advised water flow (L/min) ±20%	70	85	100	135	140	180	220	260	290
Water Pressure Drop (kpa)	4	4	5	6	7	8	12	16	22
Gas	R32								
Water connection (mm)	40								
Gross Weight (kg)	92	92	92	100	102	112	112	185	210
Net Weight (kg)	83	83	83	90	90	100	100	158	180
Net dimension LxWxH (mm)	936*494*655	936*494*655	936*494*655	1036*494*655	1036*494*655	1104*494*757	1129*504*945	1310*514*945	1405*514*1070

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

* Acoustic data is to TuV international testing conditions, site conditions may differ