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 24, maximising your comfort while minimising your energy use

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

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Powered by invermac TECHNOLOGY



1 YEAR LABOUR WARRANTY.

TECHNICAL PARAMETERS

Model	Elite V4 - 10kW	Elite V4 - 12kW	Elite V4 - 14kW	Elite V4 - 17kW	Elite V4 - 19kW	Elite V4 - 23kW	Elite V4 - 27kW	Elite V4 - 33kW	Elite V4 - 41kW
SKU	**HPELV4AU100**	**HPELV4AU120**	**HPELV4AU140**	**HPELV4AU170**	**HPELV4AU190**	**HPELV4AU230**	**HPELV4AU270**	**HPELV4AU330**	**HPELV4AU410**
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/ 50/60 Hz								400V/ 3Ph/ 50/60 Hz
Compressor	Twin-Rotary Mitsubishi DC Compressor								
Electrical connection	10A Plug (3 × 1.5 mm²)	10A Plug (3 x 2.5 mm²)	10A Plug (3 x 2.5 mm²)	Hardwired (3 x 2.5 mm²)	Hardwired (3 x 2.5 mm²)	Hardwired (3 x 4.0 mm²)	Hardwired (3 x 4.0 mm²)	Hardwired (3 x 4.0 mm²)	Hardwired (5 x 2.5 mm²)
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
Max input current (A)	9.0	10.0	10.0	16.0	16.5	18.5	20.5	24.0	12.5
Breaker Rated Current (A)	15	15	15	20	20	25	25	30	15
Sound level at 50% 1m dB(A)	36.4	36.5	38.4	40.3	40.5	41.0	41.2	43.0	43.6
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%	50	65	70	85	100	135	140	180	220
Water Pressure Drop (kpa)	4	4	5	6	7	8	12	16	22
Gas	R32								
Water connection (mm)	40								
Net Weight (kg)	83	83	83	90	94	100	125	154	186
Gross Weight (kg)	92	92	92	100	104	112	148	181	216
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
Packaging dimension LxWxH (mm)	1005 × 550 × 685	1005 × 550 × 685	1005 × 550 × 685	1105 × 550 × 685	1105 × 550 × 685	1175 × 550 × 785	1198 × 560 × 985	1380 × 560 × 985	1475 × 560 × 1105

* 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.

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