

Essential Inverter Heat Pump

Harness the power of this high performing heat pump. Built with DC inverter technology for energy efficiency and quiet operation, this heat pump is essential for any residential pool.

- > External 3 point quick connection for simplified installation
- > Intuitive touch screen controller for easy operation
- > Unique perforated design
- > Dual mode: Smart/Silence
- > Uses R32 Refrigerant gas
- > DC Inverter Technology for energy efficiency



Performance					
Heater Model	9kW	13kW	17kW	21kW	24kW
Performance Condition: Air 26°C, Water 26°C, Humidity 80%					
Heating capacity (kW)	9	12.5	16	20	24
COP range	10.6-6.8	11.6-7.0	11.2-7.1	11.8-6.5	11.8-6.5
Performance Condition: Air 15°C, Water 26°C, Humidity 70%					
Heating capacity (kW) in Smart mode	6.3	8.5	11	14	16
COP range	6.14.5	6.3-4.8	6.4-4.7	6.5-4.6	6.5-4.6
Performance Condition: Air 35°C, Water 28°C, Humidity 80%					
Cooling capacity (kW)	3.1	4.6	5.6	7.8	9.5

Technical Specifications					
Heater Model	9kW	13kW	17kW	21kW	24kW
Advised Pool Volume (m3)	20-35	30-50	35-65	45-80	55-90
Working air temp (°C)	0°C-43°C				
Power Supply	230V/1 Ph/50Hz				
Rated input power (kW) at air 15°C	0.36-1.40	0.47-1.78	0.59-2.34	0.75-3.04	0.86-3.48
Rated input current (A) at air 15°C	1.57-6.09	2.02-7.74	2.52-10.17	3.26-13.21	3.74-15.13
Water Connection (mm)	50				
Sound pressure 1m dB(A)	40.6-52.5	42.9-53.0	45.2-56.3	45.3-57.1	45.8-57.8
Sound pressure 50% capacity at 1m dB(A)	45.8	48.5	48.7	49.6	50.1
Sound pressure 10m dB(A)	20.6-32.5	22.9-33.0	25.2-36.3	25.3-37.1	25.8-37.8

Dimensions					
Heater Model	9kW	13kW	17kW	21kW	24kW
Net Dimension L x W x H (mm)	872x349x654mm	872x349x654mm	962x349x654mm	962x349x754mm	961x420x758mm
Net Weight (kg)	46kg	49kg	60kg	68kg	68kg

Ventilation Requirements		
Front	Sides	Back
500mm	300mm	300mm

Features

- > **Designed with an external 3 point connection**
External connection points for Pump Control, Automation and RS485 make installation easier than ever.
- > **Built with DC Inverter Technology**
For quick heating and optimal performance when you need it.
- > **Quiet Operation**
Built for quiet operation, the Elevate Inverter Heat Pump is perfect for residential spaces.
- > **Compact Design**
Compact casing means the Essential Inverter Heat Pump fits easily in any backyard space - whether it's next to the pool or down the side of the house.
- > **Wi-Fi Enabled**
Built-in Wi-Fi and app compatibility makes setting temperature and timers a breeze.

