

# inverELITE

## 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 solution. Unrivalled energy efficiencies, the quietest operation noise levels and market leading design makes it the ultimate heating partner for avid pool owners. Madimack's InverELITE series comes with Wi-Fi as a standard inclusion and operates at optimal levels even in coldest of conditions. The InverELITE series simply sets the standard for all other heaters.



### Backward Airflow System

Innovative backward airflow design draws air from both sides and blows it out from the back



### Premium Weatherproof Casing

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



### Soft Start

InverELITE will start from 0 amps and increase steadily protecting electrical systems



### Operation down to 14°F

Built to operate in the coldest weather and extend your pool season into the winter



### Built-in Wi-Fi

Built-in Wi-Fi and smart app provides 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



advanced  
sound  
suppression  
technology





## TECHNICAL PARAMETERS

Model	ISA900	ISA1100
<b>PERFORMANCE CONDITION:</b> Air 80°F/ Water 80°F/ Humidity 80%		
Heating capacity (BTU)	90,000	110,000
COP Range	15.2 ~ 6.9	14.8 ~ 6.6
<b>PERFORMANCE CONDITION:</b> Air 80°F/ Water 80°F/ Humidity 63%		
Heating capacity (BTU)	83,500	99,500
COP Range	13.7 ~ 6.3	13.4 ~ 6.0
<b>PERFORMANCE CONDITION:</b> Air 50°F/ Water 80°F/ Humidity 63%		
Heating capacity (BTU)	54,500	67,500
COP Range	7.4 ~ 5.4	7.2 ~ 5.2
<b>TECHNICAL SPECIFICATIONS</b>		
Operating air temperature (°F)	14 ~ 109	
Heat exchanger	Twisted Titanium Heat Exchanger	
Power supply	230V/1 Ph/60Hz	
Water connections (in)	2	
Rated input power at Air 80°F (BTU)	2,400 ~ 13,000	3,000 ~ 16,500
Rated input current at Air 80°F (A)	3.00 ~ 16.61	3.82 ~ 21.22
Maximum input current (A)	25.0	33.0
Sound level at 10ft (dBA)	30.8 ~ 44.5	32.0 ~ 45.4
Advised water flow (gal/min)	21.9 ~ 30.6	31.2 ~ 40.2
Net dimension, LxWxH (in)	41.7 × 16.9 × 37.7	51.7×20.2×37.7
Net Weight (lb)	209	275.0

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

madimack