inverELITE

Powered by **INVERMAC** TECHNOLOGY

SUPERIOR EFFICIENCY.
ADVANCED ENGINEERING.
DESIGN APPEAL.

With InverELITE, don't let the weather stop you from enjoying your swim time. At the beginning of the pool season, InverELITE will run at full speed to heat up the pool rapidly. The sound level of InverELITE can be as low as 45.4dB(A) at 10ft distance. Whisper quiet!

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 32°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

9
PERFORMANCE RATING

EFFICIENCY
DESIGN
QUIETNESS

ASST

advanced sound suppression technology

madimack

TECHNICAL PARAMETERS

Model	ISA900	ISA1100
PERFORMANCE CONDITION: 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
PERFORMANCE CONDITION: 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
PERFORMANCE CONDITION: 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
TECHNICAL SPECIFICATIONS		
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 flux (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.