

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 and cooling 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 the 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 5°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 a smart app provide 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**



madimack

Powered by



invermac
TECHNOLOGY



TECHNICAL PARAMETERS

Model	ISAC840	ISAC1100
PERFORMANCE CONDITION: Air 80°F (26.7°C)/ Water 80°F (26.7°C)/ Humidity 80%		
Heating capacity (BTU)	84,000	116,000
COP Range	15.0 ~ 6.3	16.0 ~ 6.4
PERFORMANCE CONDITION: Air 80°F (26.7°C)/ Water 80°F (26.7°C)/ Humidity 63%		
Heating capacity (BTU)	79,000	110,000
COP Range	13.8 ~ 6.0	14.6 ~ 6.1
PERFORMANCE CONDITION: Air 50°F (10°C)/ Water 80°F (26.7°C)/ Humidity 63%		
Heating capacity (BTU)	41,000	56,000
COP Range	6.5 ~ 5.1	6.8 ~ 5.2
TECHNICAL SPECIFICATIONS		
Advised pool volume (gallons) *	≤28,000	≤32,000
Operating air temperature (°F)	5 ~ 109	
Operating air temperature (°C)	-15 ~ 42	
Technology	InverPad®	
Heat exchanger	Titanium in PVC	
Power supply	230V/1 Ph/60Hz	
Water connection (mm)/(inch)	60.3mm/2"	
Rated input power at air 80°F (26.7°C) (kW)	0.64~3.98	0.66~4.74
Rated input current at air 80°F (26.7°C) (A)	2.86~17.33	2.87~20.6
Sound level at 3ft dB(A)	40.3 ~ 54.0	41.5 ~ 54.9
Sound level at 10ft (3.05m) dB(A)	30.8 ~ 44.5	32.0 ~ 45.4
Advised water flux (L/min)	83 ~ 116	133~167
Advised water flow (GPM)	21.9 ~ 30.6	35.1 ~ 44.1
Net dimension LxWxH (mm)	1060 × 430 × 957	1314 × 489 × 957
Net dimension LxWxH (inch)	41.7" × 16.9" × 37.7"	51.7" × 20.2" × 37.7"
Net weight (kg)	95	125
Net weight (lb)	209	275.6
Qty per 20FT/40HQ (sets)	44/96	32/64
Maximum air volume(m³/h)	6100	7050
Water pressure drop(Kpa)	5.6	10.6

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

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