

inverECO

ENERGY EFFICIENT POOL HEATING & COOLING SOLUTION

Madimack's InverECO pool heating series is built with efficiency and simplicity in mind. Powered by Madimack's InverMAC technology to enhance performance and fitted with premium aluminum alloy casing for endurance, the InverECO is a value-packed backyard pool heating and cooling solution. Boasting the smallest footprint for easy installation and Wi-Fi included as a standard feature, it delivers on performance and convenience; busy pool owners can change their pool's temperature and timers from wherever their day takes them. The InverECO is the go-to heating and cooling solution to extend the backyard pool season.



Soft Start

InverECO will start from 0 amps and increase steadily to protect your electrical system



Heat & cool

With integrated heating and cooling into a single unit, enjoy your swimming pool any season of the year



Boost & silence

Switch between Boost Mode to heat your pool faster and Silence Mode when quieter operation is preferred



Dedicated pool heating inverter control system



Wi-Fi module and smart app



Electronic expansion valve technology



Twisted titanium heat exchanger



Twin-rotary Inverter compressor



Down to 32°F operation temperature

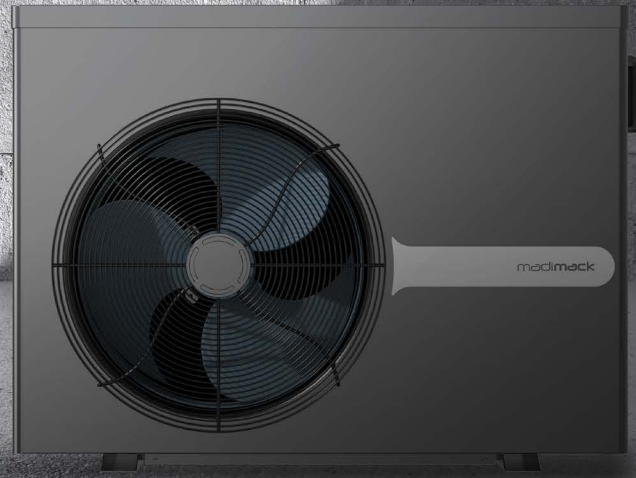


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Powered by  **invermac**
TECHNOLOGY



1 YEAR LABOR WARRANTY



TECHNICAL PARAMETERS

Model	INVECO320	INVECO400	INVECO500	INVECO660
PERFORMANCE CONDITION: Air 80°F (26.7°C) / Water 80°F (26.7°C) / Humidity 80%				
Heating capacity (BTU)	32,000	40,000	50,000	66,000
Heating capacity (KW)	9	12	15	19
COP Range	10.0 ~ 6.7	10.7 ~ 6.0	10.2 ~ 6.2	11.6 ~ 6.2
PERFORMANCE CONDITION: Air 80°F (26.7°C) / Water 80°F (26.7°C) / Humidity 63%				
Heating capacity (BTU)	31,000	37,500	48,000	61,000
Heating capacity (KW)	9	11	14	18
COP Range	8.7 ~ 6.3	9.9 ~ 5.6	9.2 ~ 6.0	11.1 ~ 5.8
PERFORMANCE CONDITION: Air 50°F (10°C) / Water 80°F (26.7°C) / Humidity 63%				
Heating capacity (BTU)	17,500	21,400	24,000	28,000
Heating capacity (KW)	5	6	7	8
COP Range	4.5 ~ 4.1	5.0 ~ 4.0	5.5 ~ 4.6	6.2 ~ 5.0
TECHNICAL SPECIFICATIONS				
Operating air temperature (°F)	32 ~ 109			
Operating air temperature (°C)	0 ~ 42			
Heat exchanger	Titanium in PVC			
Power supply	230V/1 Ph/60Hz			
Water connection (inch)	1.5			
Rated input power at air 80°F (26.7°C) (kW)	0.22 ~ 1.40	0.31 ~ 1.95	0.38 ~ 2.36	0.50 ~ 3.12
Rated input current at air 80°F (26.7°C) (A)	0.96 ~ 6.09	1.36 ~ 8.48	1.65 ~ 10.26	2.17 ~ 13.57
Rated input current (A)(230v)	6.1	8.5	10.3	13.6
Sound level at 10ft (3.05m) dB(A) LP	33.2 ~ 45.0	33.8 ~ 45.2	34.7 ~ 45.8	38.4 ~ 47.1
Advised water flow (L/min)	50 ~ 67	67 ~ 100	83 ~ 116	108 ~ 142
Advised water flow (GPM)	13.2 ~ 17.7	17.7 ~ 26.4	21.9 ~ 30.6	28.5 ~ 37.5
Net dimension LxWxH (mm)	961 × 315 × 658	961 × 315 × 658	961 × 315 × 658	961 × 395 × 660
Net dimension LxWxH (inch)	37.8" × 12.4" × 25.9"	37.8" × 12.4" × 25.9"	37.8" × 12.4" × 25.9"	37.8" × 15.6" × 25.9"
Net weight (kg)	47	46	52	61
Net weight (lb)	103.6	101.4	114.7	134.5

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

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