

ENERGY EFFICIENT POOL HEATING 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 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 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

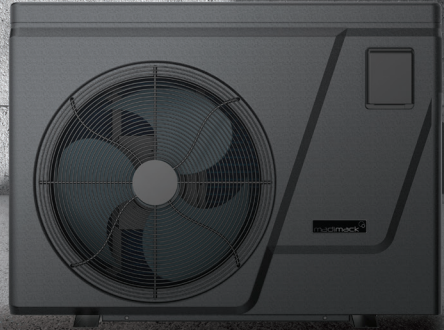


Full Stepless DC Compressor



Down to -5°C operation temperature





TECHNICAL PARAMETERS

Model	ECO90	ECO130	ECO160	ECO200	ECO240
PERFORMANCE CONDITION: Air 27°C/ Water 27°C/ Humid. 80%					
Heating capacity (kW)	9	13	16	20.2	24.2
COP Range	10.5 ~ 6.2	10.8 ~ 6.3	10.7 ~ 6.2	10.9 ~ 6.3	10.8 ~ 6.3
PERFORMANCE CONDITION: Air 15°C/ Water 26°C/ Humid. 70%					
Heating capacity (kW)	6.5	9	11	14	16
COP Range	6.5 ~ 4.2	6.2 ~ 4.5	6.6 ~ 4.3	6.4 ~ 4.3	6.6 ~ 4.5
TECHNICAL SPECIFICATIONS					
Operating air temperature (°C)	-5°C ~ 43°C				
Compressor	Full Stepless DC Compressor				
Casing	ABS Anti Corrosion Case				
Heat exchanger	Twisted Titanium Heat Exchanger				
Power supply	230V/1Ph/50Hz				
Electrical connection	10A plug	15A plug	Hard wired		
Rated input power (kW)	0.28 ~ 1.55	0.41 ~ 2.01	0.50 ~ 2.56	0.60 ~ 3.26	0.72 ~ 3.81
Rated input current (A)	1.21 ~ 6.73	1.76 ~ 8.70	2.17 ~ 11.12	2.61 ~ 14.16	3.13 ~ 16.56
Maximum input current (A)	8	12.5	17	19.2	20
Sound level at 1m dB(A)	41.6 ~ 53.5	43.9 ~ 54.0	46.2 ~ 57.3	46.3 ~ 58.1	46.9 ~ 58.7
Sound level at 10m dB(A)	21.6 ~ 33.5	23.9 ~ 34.0	26.2 ~ 37.3	26.3 ~ 38.1	26.9 ~ 38.7
Advised water flow (L/Min) ±20	50	75	90	120	150
Water connection (mm)	40				
Net weight	46	49	60	68	68
Net dimension L x W x H (mm)	903x349x654	903x349x654	991x349x654	991x349x754	991x420x757

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

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