



Elite Max

COMMERCIAL HEAT PUMP SERIES

These powerful commercial heaters have the capacity to cope with the demands of any aquatic facility. Built with cutting edge technology and climate adaptive features, the Madimack commercial range keeps up all year round while reducing energy bills significantly. Of particular note is Madimack's market leading ELITE MAX 60 – it is an industry stand out, leading in physical size and performance. Madimack's commercial units offer WIFI as standard.

MAIN BENEFITS

- ✔ Extremely energy efficient with C.O.P up to 16.1
- ✔ Full stepless inverter compressor and fan
- ✔ Dual Defrost
- ✔ Marine grade aluminium & stainless steel option
- ✔ RS485 connectivity ready
- ✔ Titanium heat exchanger with 25 year warranty
- ✔ Top discharge air outlet
- ✔ Reverse cycle defrost down to -15 °C
- ✔ Offsite monitoring with Madimack Care
- ✔ Industry leading physical size to performance ratio
- ✔ Up to 40 degrees set point temperature

COMMERCIAL RANGE SERVICES

- ✔ Bespoke system designs
- ✔ Energy modelling
- ✔ Full HVAC system
- ✔ Heat recovery
- ✔ Dehumidification
- ✔ Ventilation controls
- ✔ Integrated energy systems
- ✔ Servicing and maintenance
- ✔ Potable hot water generation
- ✔ Smart controls

SPECIFICATIONS

Model	EM600	EM1200	EM3000
PERFORMANCE CONDITION: Air 27°C/ Water 27°C/ Humid. 80%			
Heating capacity (kW)	60.2	117	300
COP Range	6.6~16.1	6.5~16.1	6.6-16.1
PERFORMANCE CONDITION: Air 15°C/ Water 26°C/ Humid. 70%			
Heating capacity (kW)	40.1	80.8	210
COP Range	4.9~7.7	4.8~7.5	4.9-7.9
PERFORMANCE CONDITION: Air 35°C/ Water 28°C/ Humid. 80%			
Cooling capacity (kW)	26.8	53.5	140
TECHNICAL SPECIFICATIONS			
Operating air temperature (°C)	-15°C~43°C	-15°C~43°C	-15°C~43°C
Compressor	Full Stepless DC Compressor	Full Stepless DC Compressor	Full Stepless DC Compressor
Heat exchanger	Twisted Titanium Heat Exchanger	Twisted Titanium Heat Exchanger	Twisted Titanium Heat Exchanger
Casing	Marine Grade Aluminum Alloy	Marine Grade Aluminum Alloy	Stainless Steel
Fan direction	Vertical	Vertical	Vertical
Power supply	400V 3Ph/50Hz	400V 3Ph/50Hz	400V 3Ph/50Hz
Rated input power (kW)	2.10~8.18	4.25~17.0	12-47
Rated input current (A)	3.05~11.9	6.16~24.7	16-64
Maximum input current (A)	19	38	75
Sound level at 1m dB(A)	53.0~61.0	55.0~64.0	65-70
Sound level at 10m dB(A)	33.0~41.0	35.0~44.0	42-51
Advised water flow (L/Min) ±20	400	800	2000
Water connection (mm)	65	80	110
Net weight (kg)	400	800	1150
Net dimension L x W x H (mm)	1000x1110x1260	2100x1090x1280	2604x1055x2010



More information about MAX60 scan here



More information about MAX120 scan here



More information about MAX300 scan here