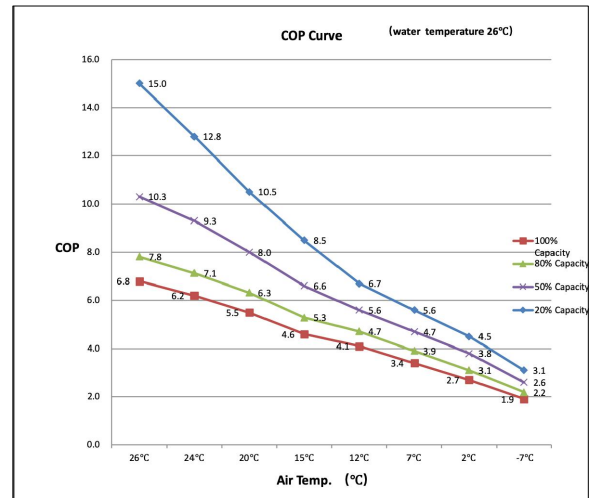


# Madimack Commercial heat pumps

## Specifications

## Heat curve

Model	EM 60	EM 110
Coefficient of performance for different situations		
PERFORMANCE CONDITION: Air 27C / Water 27C/ Humid 80%		
Heating Capacity (kW)	60.2	115
COP at Maximum input	6.8	6.3
PERFORMANCE CONDITION: Air 15C / Water 26C/ Humid 70%		
Heating Capacity (kW)	40.1	80.8
COP at Maximum input	4.5	4.6
Components details		
Operating air temperature (C)	-7 ~ 43	
Compressor	Mitsubishi DC Inverter compressor	
Heat Exchanger	Twisted Titanium Heat exchanger	
Fan direction	Vertical	
Electrical details		
Power Supply	400V 3 Ph/ 50 Hz	
Rated input power (kW)	8.90	17.5
Rated input current (A)	12.9	25.3
Circuit breaker (A)	25	48
Max input current (A)	20	40
Noise level		
Sound level at 1m dB(A)	53.0~61.0	55.0~64.0
Sound level at 10m dB(A)	33.0~41.01	35.0~44.0
Water flow details		
Advised Water flux (L/min)	320-400	650-800
Water connection (mm)	65	100
Profile details		
Net dimension LxWxH (mm)	1000x1110x1260	2100x1090x1280
Net weight (kg)	212	459



## Ventilation

