

Pool Heat pump

COMMERCIAL INVERTER MAX



125m³ - 520m³ Pool Available

Commercial Inverter Max line is primarily designed for public/commercial applications such as public pools, hotel pools, school pools.

They provide cutting edge Inverter technology and can serve a pool of up to 520m³ with one unit. Multiple units could be used to serve bigger volumes.

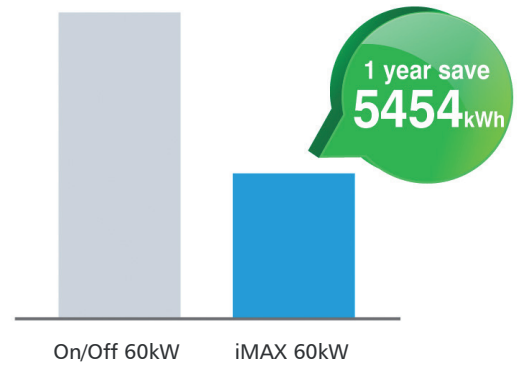


Double Energy Saving

Energy consumption comparison

Heat pump	iMAX 60kW	On/off HP 60kW
COP (air 27 C/water27 C)	10.5 @50% CAPACITY	5
Input power	2.86 kW	12kw
Heating time (for 1 C)	9.67 hours	4.83 hours
Daily consumption	27.66 kWh	57.96kWh
Yearly consumption (180Days)	4978.8kWh	10432.8kWh

*Formula: $kWh = T \cdot V (m^3) \cdot 1.16$ 250m³ pool volume
 Above calculation is just a reference when maintaining pool temp for well isolated pool under air27 C/water27 C



Main Features:

- ▶ Reverse Cycle Defrosting
- ▶ -10°C~43°C Operation
- ▶ Aluminium-alloy Casing
- ▶ Mitsubishi Twin-Rotary Inverter Compressor
- ▶ EEV Technology - 20% higher efficiency than capillary
- ▶ Twisted Titanium Heat Exchanger - 40% higher efficiency



Wi-Fi Built-in Touch Controller

Parameters of Commercial Inverter Max:

Model	iMax60	iMax110
PERFORMANCE CONDITION: Air 27°C/Water 27°C/Humidity 80%		
Heating capacity (kW)	60.2	115.0
Average COP at 50% Speed	10.5	10.0
PERFORMANCE CONDITION: Air 15°C/Water 26°C/Humidity 70%		
Heating capacity (kW)	40.1	80.8
Average COP at 50% Speed	7.0	7.0
PERFORMANCE CONDITION: Air 35°C/Water 28°C/Humidity 80%		
Cooling capacity (kW)	26.8	53.5
TECHNICAL SPECIFICATIONS		
Advised pool volume (m ³)	125-260	250-520
Operating air temperature (°C)	-10°C~43°C	
Compressor	DC Inverter Compressor	
Heat exchanger	Twisted Titanium Heat Exchanger	
Fan direction	Vertical	
Power supply	400V/3ph/50Hz	
Rated input power (kW)	2.26-8.90	4.68-17.5
Rated input current (A)	3.27-12.9	6.78-25.3
Sound level at 1m dB(A)	53.0-61.0	55.0-64.0
Sound level 50% at 1m dB(A)	55	58
Sound level at 10m dB(A)	33.0-41.0	35.0-44.0
Advised water flux (m ³ /h)	20-25	40-50
Water connection (mm)	75	110
Net dimensions LxWxH (mm)	1000x1110x1260	2100x1090x1280
Net weight (kg)	212	459
Qty per 20' FT / 40' HQ (sets)	8/18	4/9

Remarks: * The data above is only for reference. For specific data, please refer to the nameplate on the unit.
 Note: Manufacturer reserves the right to change above technical data without notice.

