



MIKO ENERGY



HEATING & COOLING

Commercial Heat Pump

-25 ~ 45 °C



TECHNICAL SPECS

MODEL	MMHP-050D3	MMHP-075D3
Power Supply (V/Ph/Hz)	380~415/3/50	
Heating ¹		
Heating Capacity (kW)	17.56~50	19.98-88.78
Power Input (kW)	2.61~12.88	3.65-21.49
COP	3.88~6.73	4.13~5.47
Heating ²		
Heating Capacity (kW)	17.95~49	19.42-90.42
Power Input (kW)	3.48~17.2	5.64-29.35
COP	2.85~5.16	3.08~3.44
Cooling ³		
Cooling Capacity (kW)	10~35	10.85~62.75
Power Input (kW)	3.84~14.50	3.04-21.98
EER	2.41~2.6	2.85~3.57
ERP Level (Outlet water temperature at 35 °C)	A+++	A+++
ERP Level (Outlet water temperature at 55 °C)	A++	A++
MAX. input power (kW)	19.84	45.84
MAX. input current (A)	30.30	70.60
Refrigerant /GWP	R290/3	R290/3
Rated water flow (m ³ /h)	8.60	12.90
Fan quantity	1	2
Fan motor type	DC inverter	DC inverter
Compressor	Hitachi DC inverter	Hitachi DC inverter
IP Class	IPX4	IPX4
Sound pressure at 1m distance (dB(A))	66	65
Max outlet water temperature (°C)	75	75
Water piping connections	DN 40	DN65
Water Pressure drop(max) (kPa)	65	23
Min/Max Water Pressure (kPa)	100/300	100/300
Operating temperature range (Heating mode) (°C)	-25~45	-25~45
Operating temperature range (Cooing mode) (°C)	16~45	16~45
Unpacked Dimensions (LxDxH) (mm)	1155*990*1880	2200*1100*2190
Packed Dimensions (LxDxH) (mm)	1238*1058*2033	2283*1236*2333
Net Weight (kg)	500	770
Packed Weight (kg)	540	810
Container Loading quantity(20GP/40GP/40HQ)	9/20/20	4/9/9

¹ Nominal Heating (Max) (A7/6°C,W30/35°C)

² Nominal Heating (Max) (A7/6°C,W47/55°C)

³ Nominal Cooling (Max) (A35/24°C,W12/7°C)

* Please refer to the latest product manual for updated parameters

- R290 refrigerant, environment friendly
- Multiple operation protection, high reliability
- Outlet water temp up to 75 °C
- With MODBUS Communication Protocol
- Intelligent adjustment of water temperature with climate
- Full automatic operation, low maintenance cost