



MHP50KC-02

Heat Pump for commercial Heating and Cooling



Features:

1. Fully Inverter with R290 gas. High-end Hitachi
2. Heating DHW and Cooling function
3. DC Inverter Fan motor
4. Automatic defrosting.
5. Electronic Expansion Valve
6. Wifi Smart App and web IOT platform



Model No.		MHP50KC-02	MHP75KC-02
Power Supply		380V~415V/3/50Hz	
Nominal Heating (Max) (A7/6℃,W30/35℃)			
Heating Capacity(KW)	kW	18.50~50.50	25.00~76.0
Power Input(KW)	kW	3.95~14.80	5.75~21.71
COP1	/	3.5~ 4.70	3.55~4.65
Nominal Heating (Max) (A7/6℃,W47/55℃)			
Heating Capacity(KW)	kW	10.85~40.00	19.58 ~ 67.27
Power Input(KW)	kW	3.74~13.79	6.19~26.91
COP2	/	3.02~3.52	2.50~3.38
Nominal Cooling (Max) (A35/24℃,W12/7℃)			
Cooling Capacity(KW)	kW	10.15~28.50	13.5~ 48.5
Power Input(KW)	kW	3.63~12.95	6.91~20.90
EER	/	2.20~2.70	2.00~2.45
Max Power Input(KW)	kW	19.3	30.5
Max Current(A)	A	35.0	54.5
ERP level(35℃) /(55℃)	/	A+++/A++	
Maximun Allowable Pressure	MPa	3.2	
Refrigerant	/	R290/3.1Kg	R290/3.1Kg×2
ELectrical Shockproof	/	I	
Compressor quantity	/	1	2
Fan motor quantity	/	1	2
Fan motor Type	/	DC	
Expansion Valve	/	EEV/sanhua	
Air Flow Direction	/	Vertical	
IP class	/	IPX4	
Water Flow Volume	(m³/h)	6.0	9.0
Water Pressure Drop	kPa	65	75
Working temperature range	℃	-25~46	
Noise	dB(A)	55 (39-55)	62 (54-72)
Water connection	/	G1-1/2	Flange DN80
Net Weight	kg	450	780
Dimensions(L*W*H)	mm	1100*1100*2150	2200*1100*2255
packing(L*W*H)	mm	1144*1144*2250	2260*1160*2385