

TECHNICAL DATA SHEET

R32 Heat Pump - Heating , Cooling and DHW



Description of goods	Model No.	Heating Capacity	Power Supply
* Danfoss heat exchanger	MMHP-016B2	5.30-16.50 KW	220-240V~50Hz 380-415V~3N/50Hz
* WIFI with phone APP	MMHP-020B2	6.20-19.80 KW	220-240V~50Hz/ 380-415V~3N/50Hz
* CE, A+++ ERP, Keymark	MMHP-026B2	6.00-26.00 KW	380-415V~3N/50Hz
* Supporting case customize			



Technology Data Sheet

Model		MMHP-016B2	
Rated voltage / Frequency		V~ / Hz	380-415V/3N~/50Hz
Heating Capacity Range		kW	5.30-16.50
Heating (A7/6°C, W30/35°C)	Capacity	kW	14.58
	Input Power	kW	3.17
	COP	W/W	4.60
Heating	Capacity	kW	11.00
	Input Power	kW	4.26
	COP	W/W	2.58
Heating	Capacity	kW	14.71
	Input Power	kW	3.97
	COP	W/W	3.70
Heating	Capacity	kW	14.85
	Input Power	kW	4.91
	COP	W/W	3.03
Cooling	Capacity	kW	13.77
	Input Power	kW	3.52
	EER	W/W	3.92
Cooling	Capacity	kW	12.95
	Input Power	kW	4.51
	EER	W/W	2.87
ERP Level (35°C)		/	A+++
ERP Level (55°C)		/	A++
SCOP (35°C) Based on TUV ERP Test Report		kW	4.62
SCOP (55°C) Based on TUV ERP Test Report		A	3.44
Rated Water Flow		m³/h	2.50
Maximum Input Power		kW	6.20
Maximum Input Current		A	10.50
Fuse Selection	Rated Currency	A	11
	Fusing Current	A	14
Air Switch		A	25
Cross Sectional Area of Wire		mm²	4.00
High Pressure Value Cut-off Pressure		MPa	4.4
Low Pressure Value Cut-off Pressure		MPa	1.5
Brand Type pf		/	Panasonic / Rotarys
Refrigerant		R32	
Refrigerant		kg	2.5
Fan	Air Flow	m³/h	7000
Brand of Water Pump		/	Grundfos / Xin Jie
Water Pump Model		/	UPML GEO 25-105 130 / APM
Defrost		/	Auto Defrost with 4 Way Valve
Waterproof Grade		/	IPX4
Noise Pressure		dB (A)	55
Max Water Outlet Temperature		°C	60
Diameter of Water Connection		/	DN32(1-1/4")
Drainage Valve		mm	15
Internal Pressure Drop at Rating Water Flow		kPa	30

Eco friendly R32	MMHP-020B2	MMHP-026B2
A+++Heating¹		
Capacity (kW)	6.2~20.5	6.5~26.1
Input Power (kW)	1.36~5.28	1.78~6.45
Input Current (A)	2.31~8.96	2.87~10.35
A++ Heating²		
Capacity (kW)	6.3~19.9	6.9~26.10
Input Power (kW)	1.65~6.82	1.95~8.55
Input Current (A)	2.8~11.58	3.15~13.8
SCOP (Water Temp.At 35°C)	4.67	4.85
SCOP (Water Temp, At 55°C)	3.45	3.42
Refrigerant Weight/GWP (kg)	R32/3.5/675	R32/3.5/675
CO ² Equivalent	2.36t	2.36t
Product Size (mm)	1110*485*1450	1110*485*1450
Package Size (mm)	1140*520*1600	1140*520*1600
Product Weight (kg)	155	160
Packed Weight (kg)	175	177
¹ Nominal Heating (Max) (A7/6C, W30/35°C) A+++		
² Nominal Heating (Max) (A7/6C, W47/55C) A++		

Min / Max Heating Water Pressure	bar	1.0 / 3.0
Net Dimensions (L×W×H)	mm	1110*520*850
Net Dimensions (L×W×H)	mm	1140*565*1000
Net Weight	kg	124
Gross Weight	kg	136