

MONOBLOC TYPE (1Ø 220V~240V)



Monobloc	Unit	HM03M1.U42	HM051M.U42	HM071M.U42	HM091M.U32	
Power Supply	Ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	
Dimensions	Unit(W x H x D)	mm	950x834x330	1,239x907x390	1,239x907x390	
Weight	Unit	kg	60	99	99	
Capacity	Heating	kW	3.00	4.99	7.00	9.00
	Cooling	kW	-	4.99	7.00	9.00
Power Input	Heating	kW	0.73	1.13	1.63	2.20
	Cooling	kW	-	1.38	2.00	2.65
COP	Heating	W/W	4.10	4.40	4.30	4.10
EER	Cooling	W/W	-	3.61	3.50	3.40
Sound Pressure Level	Heating	dB(A)	47	51	52	52
	Cooling	dB(A)	-	50	52	52
Sound Power Level	Cooling	dB(A)	-	63	65	67
Operation Range (Min.-Max.) Outdoor Temperature	Heating	°C DB	-20-30	-20-30	-20-30	-20-30
	Cooling	°C	5-48	5-48	5-48	5-48
	Heating (Radiator)	°C	15-57	15-57	15-57	15-57
Operation Range (Min.-Max.) Leaving Water Temperature	Heating (Under floor)	°C	15-57	15-57	15-57	15-57
	Cooling (Fan coil unit)	°C	-	6-30	6-30	6-30
	Cooling (Under floor)	°C	-	16-30	16-30	16-30
Compressor	Type	Hermetic Motor	Hermetic Motor	Hermetic Motor	Hermetic Motor	
Refrigerant	Type	R410A	R410A	R410A	R410A	
Heat Exchanger	Type	Brazed Plate HEX	Brazed Plate HEX	Brazed Plate HEX	Brazed Plate HEX	
Pump	Type	-	Canned type for hot water circulation			
Electric Heater	Number of Heating Coil	EA	-	2+2	2+2	2+2

Note:
 1. Capacities and power inputs are based on the following conditions:
 - Heating Condition: Inlet / Outlet Water Temperature 30°C / 25°C, Outdoor Air Temperature 7°C DB / 6°C WB
 - Cooling Condition: Inlet / Outlet Water Temperature 23°C / 18°C, Outdoor Air Temperature 35°C DB / 24°C WB
 2. The specification may be subject to change without prior notice for purpose of improvement.

Monobloc	Unit	HM121M.U32	HM141M.U32	HM161M.U32	
Power Supply	Ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	
Dimensions	Unit(W x H x D)	mm	1,239x1,450x390	1,239x1,450x390	
Weight	Unit	kg	141	141	
Capacity	Heating	kW	12.00	14.00	16.00
	Cooling	kW	14.50	15.50	16.10
Power Input	Heating	kW	2.67	3.15	3.81
	Cooling	kW	4.00	4.69	5.07
COP	Heating	W/W	4.49	4.44	4.20
EER	Cooling	W/W	3.63	3.30	3.18
Sound Pressure Level	Heating	dB(A)	53	53	53
	Cooling	dB(A)	54	54	54
Sound Power Level	Cooling	dB(A)	68	68	68
Operation Range (Min.-Max.) Outdoor Temperature	Heating	°C DB	-20-30	-20-30	-20-30
	Cooling	°C	5-48	5-48	5-48
	Heating(Radiator)	°C	15-57	15-57	15-57
Operation Range (Min.-Max.) Leaving Water Temperature	Heating(Under floor)	°C	15-57	15-57	15-57
	Cooling(Fan coil unit)	°C	6-30	6-30	6-30
	Cooling(Under floor)	°C	16-30	16-30	16-30
Compressor	Type	Hermetic Motor	Hermetic Motor	Hermetic Motor	
Refrigerant	Type	R410A	R410A	R410A	
Heat Exchanger	Type	Brazed Plate HEX	Brazed Plate HEX	Brazed Plate HEX	
Pump	Type	-	Canned type for hot water circulation		
Electric Heater	Number of Heating Coil	EA	3+3	3+3	3+3

Note:
 1. Capacities and power inputs are based on the following conditions:
 - Heating Condition: Inlet / Outlet Water Temperature 30°C / 25°C, Outdoor Air Temperature 7°C DB / 6°C WB
 - Cooling Condition: Inlet / Outlet Water Temperature 23°C / 18°C, Outdoor Air Temperature 35°C DB / 24°C WB
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