

# MONOBLOC TYPE (3Ø 380V-415V)



Monobloc	Unit	HM123M.U32	HM143M.U32
Power Supply	Ø/V/Hz	3/380-415/50	3/380-415/50
Dimensions	Unit(W x H x D)	1,239x1,450x390	1,239x1,450x390
Weight	Unit	141	141
Capacity	Heating	kW	12.00
	Cooling	kW	14.50
Power Input	Heating	kW	2.67
	Cooling	kW	4.00
COP	Heating	W/W	4.49
EER	Cooling	W/W	3.63
Sound Pressure Level	Heating	dB(A)	53
	Cooling	dB(A)	54
Sound Power Level	Cooling	dB(A)	68
Operation Range (Min.-Max.) Outdoor Temperature	Heating	°C DB	-20-30
	Cooling	°C	5-48
Operation Range (Min.-Max.) Leaving Water Temperature	Heating (Radiator)	°C	15-57
	Heating (Under floor)	°C	15-57
Leaving Water Temperature	Cooling (Fan coil unit)	°C	6-30
	Cooling (Under floor)	°C	16-30
Compressor	Type	Hermetic Motor	Hermetic Motor
Refrigerant	Type	R410A	R410A
Heat Exchanger	Type	Brazed Plate HEX	Brazed Plate HEX
Pump	Type	-	Canned type for hot water circulation
Electric Heater	Number of Heating Coil	EA	2+2+2

Note:

- 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
- The specification may be subject to change without prior notice for purpose of improvement.

Monobloc	Unit	HM163M.U32
Power Supply	Ø/V/Hz	3/380-415/50
Dimensions	Unit(W x H x D)	1,239x1,450x390
Weight	Unit	141
Capacity	Heating	kW
	Cooling	kW
Power Input	Heating	kW
	Cooling	kW
COP	Heating	W/W
EER	Cooling	W/W
Sound Pressure Level	Heating	dB(A)
	Cooling	dB(A)
Sound Power Level	Cooling	dB(A)
Operation Range (Min.-Max.) Outdoor Temperature	Heating	°C DB
	Cooling	°C
Operation Range (Min.-Max.) Leaving Water Temperature	Heating (Radiator)	°C
	Heating (Under floor)	°C
Leaving Water Temperature	Cooling (Fan coil unit)	°C
	Cooling (Under floor)	°C
Compressor	Type	Hermetic Motor
Refrigerant	Type	R410A
Heat Exchanger	Type	Brazed Plate HEX
Pump	Type	-
Electric Heater	Number of Heating Coil	EA

Note:

- 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
- The specification may be subject to change without prior notice for purpose of improvement.