

MONOBLOC

HM051M.U43
HM071M.U43
HM091M.U43



Seasonal Energy

Description		Unit	HM051M.U43	HM071M.U43	HM091M.U43	
Space Heating (According to EN14825)	Average Climate water outlet 35°C	SCOP		4.45	4.45	4.45
		Rated heat output (Prated)		6	6	6
		Seasonal space heating efficiency (η_s)	%	175	175	175
		Seasonal space heating eff. Class		A+++ ¹⁾	A+++ ¹⁾	A+++ ¹⁾
		Annual energy consumption	kWh	2,551	2,668	2,784
	Average Climate water outlet 55°C	SCOP		3.12	3.12	3.12
		Rated heat output (Prated)		6	6	6
		Seasonal space heating efficiency (η_s)	%	122	122	122
		Seasonal space heating eff. Class		A+	A+	A+
		Annual energy consumption	kWh	3,638	3,638	3,638

Note

1. A+++ label is available from 26, Sep. 2019 and should be considered as A++ label until that time.

Product Specification

Description			Unit	HM051M.U43	HM071M.U43	HM091M.U43
Nominal Capacity	Heating	LWT 35°C at OAT 7°C	kW	5.50	7.00	9.00
		LWT 55°C at OAT 7°C	kW	5.50	5.50	5.50
		LWT 35°C at OAT 2°C	kW	3.30	4.20	5.40
	Cooling	LWT 18°C at OAT 35°C	kW	5.50	7.00	9.00
		LWT 7°C at OAT 35°C	kW	5.50	7.00	9.00
Nominal Power Input	Heating	LWT 35°C at OAT 7°C	kW	1.22	1.56	2.15
		LWT 55°C at OAT 7°C	kW	2.04	2.04	2.04
		LWT 35°C at OAT 2°C	kW	0.94	1.20	1.54
	Cooling	LWT 18°C at OAT 35°C	kW	1.20	1.56	2.14
		LWT 7°C at OAT 35°C	kW	1.96	2.59	3.46
COP	Heating	LWT 35°C at OAT 7°C		4.50	4.50	4.18
		LWT 55°C at OAT 7°C		2.70	2.70	2.70
		LWT 35°C at OAT 2°C		3.52	3.51	3.50
EER	Cooling	LWT 18°C at OAT 35°C		4.60	4.50	4.20
		LWT 7°C at OAT 35°C		2.80	2.70	2.60
Operation range	Heating	Water Side (LWT)	°C	15 ~ 65		
		Air Side	°C	-25 ~ 35		
	Cooling	Water Side (LWT)	°C	5 ~ 27		
		Air Side	°C	5 ~ 48		
	Domestic Hot Water	Water Side (LWT)	°C	15 ~ 80		
Refrigerant	Type			R32		
	GWP (Global Warming Potential)			675		
	Charge		kg	1.4		
		TCO2eq	0.95			
Compressor	Quantity		EA	1		
	Type			Scroll		
Water Flow Rate	Rated		LPM	14.4	20.1	25.9
Piping Connections	Water Circuit	Inlet	mm (in)	Male PT 25(1)		
		Outlet	mm (in)	Male PT 25(1)		
Dimensions	Unit	W x H x D	mm	1,239 x 907 x 404		
Net Weight	Unit		kg	96		
Sound power level	Heating	Rated	dBA	60		
Power supply	Phase / Frequency / Voltage		Φ / Hz / V	1 / 50 / 220-240		
	Maximum Running Current		A	23		

Note

1. Due to our policy of innovation some specifications may be changed without notification.
2. Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. Performances are accordance with EN14511.
5. This product contains Fluorinated greenhouse gases.
6. LWT : Leaving Water Temperature, OAT : Outdoor Air Temperature