

## 2 Specifications

### 2 - 1 Specifications

Technical specifications					2MXM40A9	2MXM50A9	2MXM68A9
Casing	Colour				Ivory white		
Dimensions	Unit	Height	mm	552		734	
		Width	mm	852		974	
		Depth	mm	350		408	
	Packed unit	Height	mm	612		820	
		Width	mm	906		1,050	
		Depth	mm	402		480	
Weight	Unit	kg	36	41	60		
	Packed unit	kg	39	44	66		
Heat exchanger	Length	mm	805	810	920		
	Rows	Quantity		2			
	Fin pitch	mm		1.50	1.40		
	Stages	Quantity		24	32		
	Passes	Quantity		3.00	6.00		
	Tube type		7.0 Hi-XD	8.1 Hi-XA	Hi-XA		
	Tube diameter	mm	7.0	8.1	8.0		
	Fin	Type		WH fin		WHS8 FIN-HYDROPHILIC	
		Treatment		Anti-corrosion treatment			
	Fan	Type	Propeller fan				
Discharge direction		Horizontal					
Quantity		1					
Air flow rate		Cooling	High	m <sup>3</sup> /min	36.0	37.0	46.5
				cfm	1,271	1,306	1,642
			Medium	m <sup>3</sup> /min	33.0	34.0	42.5
			cfm	1,165	1,200	1,501	
		Low	m <sup>3</sup> /min		20.0		24.1
			cfm		706		851
Heating		High	m <sup>3</sup> /min	32.0	34.0	43.8	
			cfm	1,130	1,200	1,547	
		Medium	m <sup>3</sup> /min	32.0	34.0	43.8	
			cfm	1,130	1,200	1,547	
		Low	m <sup>3</sup> /min	18.0	22.0	16.1	
	cfm		636	777	569		
Fan motor	Quantity	1					
	Model	LFD-280-23-8F					
	Output	W	50			55	
Fan motor	Speed	Cooling	High	rpm	900	950	760
			Medium	rpm	840	890	700
			Low	rpm		500	420
	Heating	High	rpm	820	890	720	
		Low	rpm	320	500	300	
		Medium	rpm	820	890	720	
Compressor	Quantity	1					
	Model		1YC25GXD#C	2YC40JXD#C	2YC71DXD#C		
	Oil Amount	cm <sup>3</sup>	375	650	900		
	Type	Hermetically sealed swing compressor					
	Output	W	800	1,300	2,400		
	Oil Type	FW68DA					
Operation range	Cooling	Ambient	Min.	°CDB	-10		
			Max.	°CDB	46		
	Heating	Ambient	Min.	°CDB	-15		
			Max.	°CDB	24		
Sound power level	Cooling	Max	dBA	62		63	
		Night quiet mode	dBA	57	58	59	
		Tonal adjustment	dBA		0		
	Heating	Max	dBA	62		63	
		Nom.	dBA	62		61	
		Night quiet mode	dBA	57	58	59	
		Tonal adjustment	dBA		0		
Sound power level - Low sound mode (Stb. 2020, 189)	Cooling	Max.	dBA	60		61	
		Night quiet mode	dBA	55		58	
		Tonal adjustment	dBA		0		
	Heating	Max.	dBA	60		61	
		Night quiet mode	dBA	55		58	
	Tonal adjustment	dBA		0			
Sound pressure level	Cooling	Nom.	dBA	46	48		
	Heating	Nom.	dBA	48	50	48	
Refrigerant	Type	R-32					
	Charge	kg	0.88	1.15	2.00		
	Control	Expansion valve					
	GWP	675					

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Piping connections	Liquid	Quantity		2		
		OD	mm	6.35		
Piping connections	Gas	Quantity		2	1	
		OD	mm	9.5		
Drain		Quantity		1		
		OD	mm	16 (inner diameter of connecting hose)		
Gas 2		Quantity		-	1	
		OD	mm	-	12.7	
Piping length	OU - IU	Min.	m	3 (1)		
		Max.	m	20 (1)		25 (1)
		System Chargeless	m	20		30
Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 20m)		0.02 (for piping length exceeding 30m)
Level difference	IU - OU	Max.	m	15		
		IU - IU	m	7.5		
Heat insulation				Both liquid and gas pipes		
Total piping length	System	Actual	m	30	50	
Capacity control	Method			Variable (inverter)		

Standard accessories: Installation manual;Quantity: 1;

Standard accessories: Screw bag;Quantity: 1;

Standard accessories: Drain plug;Quantity: 1;

Standard accessories: Reducer assembly;Quantity: 1;

Standard accessories: Drain cap (1);Quantity: 6;

Standard accessories: Drain cap (2);Quantity: 3;

Electrical specifications				2MXM40A9	2MXM50A9	2MXM68A9
Power supply	Phase			1~		
	Frequency		Hz	50		
	Voltage		V	220-240		
Wiring connections	For power supply	Quantity		3		
		Remark		Earth wire included		
	For connection with indoor	Quantity		4		
		Remark		Earth wire included		
Current - 50Hz	Maximum fuse amps (MFA)		A	16	20	

(1)For one room |

For combination with CVXM-A, FVXM-A - maximum piping length is 30m. |

See separate drawing for operation range |

See separate drawing for electrical data |

Contains fluorinated greenhouse gases