

					2MXS50H3V1B	2MXS50H2V1B	2MXS50H3V1B2	
Sound pressure level	Heating		Nom.	dBA	50	50	50	
	Cooling		Nom.	dBA	48	48	48	
Standard Accessories	Item				Installation manual	Installation manual	Installation manual	
	Quantity				1	1	1	
	Item				Screw bag	Screw bag	Screw bag	
	Quantity				1	1	1	
Refrigerant	Item				Drain plug	Drain plug	Drain plug	
	Quantity				1	1	1	
	Charge			TCO2Eq	3.3	3.3	3.3	
	Charge			kg	1.60	1.60	1.60	
Fan motor	Refrigerant--Gwp				2,087.5	2,087.5	2,087.5	
	Type				R-410A	R-410A	R-410A	
Operation range	Output			W	50	50	50	
	Speed	Cooling	High	rpm	950	950	950	
				rpm	890	890	890	
				rpm	890	890	890	
	Speed	Heating	High	rpm	890	890	890	
				rpm	890	890	890	
rpm				890	890	890		
Model				D50M-28	D50M-28	D50M-28		
Packing	Cooling	Ambient	Max.	°CDB	46	46	46	
			Min.	°CDB	10	10	10	
	Heating	Ambient	Max.	°CWB	18	15.5	18	
			Min.	°CWB	-15	-15	-15	
Weight				kg	5	5	5	
Heat exchanger	Fin			Treatment	Anti-corrosion treatment	Anti-corrosion treatment	Anti-corrosion treatment	
				Type	WF fin	WF fin	WF fin	
	Rows			Quantity	2	2	2	
	Length			mm	810	810	810	
	Fin pitch			mm	1.5	1.5	1.5	
	Stages			Quantity	24	24	24	
	Tube type				ø8 Hi-XA	ø8 Hi-XA	ø8 Hi-XA	
Piping connections	Piping length	OU - IU	Min.	m	3	3	3	
			Max.	m	20	20	20	
	Liquid			OD	mm	6.35	6.35	6.35
				Quantity		2	2	2
	Gas			OD	mm	9.5	9.5	9.5
				Quantity		1	1	1
	Drain			OD	mm	16 (inner diameter of connecting hose)	18	16 (inner diameter of connecting hose)
				Quantity		1	1	1
	Level difference	IU - IU	Max.	m		7.5	7.5	7.5
				m		15	15	15
Additional refrigerant charge	IU - OU	Max.	m		15	15	15	
Total piping length				kg/m	0.02 (for piping length exceeding 20m)	0.02 (for piping length exceeding 20m)	0.02 (for piping length exceeding 20m)	
Heat insulation	System	Actual	m		30	30	30	
					Both liquid and gas pipes	Both liquid and gas pipes	Both liquid and gas pipes	
Sound power level	Cooling			dBA	63	63	63	
	Packed unit			Width	mm	906	906	
Dimensions	Packed unit			Height	mm	612	612	
				Depth	mm	364	364	
				Unit	Width	mm	765	765
	Unit				Depth	mm	285	285
					Height	mm	550	550
					Height	mm	1,100	1,100
Compressor	Output			W	1,100	1,100	1,100	
	Compressor--Type				Hermetically sealed swing compressor	Hermetically sealed swing compressor	Hermetically sealed swing compressor	
	Model				2YC36BXD#C	2YC36BXD#C	2YC36BXD#C	
Casing	Colour				Ivory white	Ivory white	Ivory white	
Weight	Packed unit			kg	47	47	47	
	Unit			kg	42	42	42	
Fan	Air flow rate	Heating	Low	cfm	1,200	1,200	1,200	
				m³/min	34	34	34	
				m³/min	34	34	34	
				cfm	1,200	1,200	1,200	
				cfm	1,200	1,200	1,200	
				m³/min	34	34	34	
	Air flow rate	Cooling	Low	m³/min	34	34	34	
				m³/min	34	34	34	
				m³/min	34	34	34	
				cfm	1,200	1,200	1,200	
				cfm	1,200	1,200	1,200	
				cfm	1,200	1,200	1,200	

		High	m <sup>3</sup> /min	37	37	37
		High	cfm	1,306	1,306	1,306
	Type			Propeller fan	Propeller fan	Propeller fan
Refrigerant oil	Charged volume		l	0.65	0.65	0.65
	Type			FVC50K	FVC50K	FVC50K
Template				Split Sky Air Outdoor	Split Sky Air Outdoor	Split Sky Air Outdoor
Wiring connections	For power supply		Remark	3 for power supply, 4 for interunit wiring (including earth wiring)	3 for power supply, 4 for interunit wiring (including earth wiring)	3 for power supply, 4 for interunit wiring (including earth wiring)
Current - 50Hz	Maximum fuse amps (MFA)		A	16	16	16
Power supply	Frequency		Hz	50	50	50
	Voltage		V	220-240	220-240	220-240
	Phase			1~	1~	1~
Current	Starting current	Cooling	A	6.3	6.3	6.3
		Heating	A	6.3	6.3	6.3
Notes	Notes--Description			Contains fluorinated greenhouse gases	Contains fluorinated greenhouse gases	Contains fluorinated greenhouse gases
Capacity control	Method			Inverter controlled		Inverter controlled
Standard Accessories	Item			Reducer assembly	Reducer assembly	Reducer assembly
	Quantity			1	1	1
Piping connections	Gas 2	OD	mm	12.7	12.7	12.7
			Quantity	1	1	1