

					5MXS90E3V3B	5MXS90E7V3B	5MXS90E3V3B2
Sound pressure level	Heating		Nom.	dBA	52	52	52
	Cooling		Nom.	dBA	52	52	52
Standard Accessories	Item				Installation manual	Installation manual	Installation manual
	Quantity				1	1	1
	Item				Drain plug	Drain plug	Drain plug
	Quantity				1	1	1
Refrigerant	Item				Reducer assembly	Reducer assembly	Reducer assembly
	Quantity				1	1	1
	Charge			TCO2Eq	6.2	6.2	6.2
	Charge			kg	2.99	2.99	2.99
Refrigerant==Gwp					2,087.5	2,087.5	2,087.5
Type					R-410A	R-410A	R-410A
Fan motor	Output			W	66.00	66.00	66.00
	Speed	Cooling	High	rpm	900	900	900
			Nom.	rpm	860	860	860
			Low	rpm	730	730	730
		Heating	High	rpm	830	830	830
			Low	rpm	250	250	250
	Model					KFD-280-66-8A	KFD-280-66-8A
Operation range	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
Heat exchanger	Fin			Type	WF fin	WF fin	WF fin
	Rows				Quantity	2	2
	Length				mm	879	860
	Fin pitch				mm	1.40	1.40
	Stages				Quantity	34	34
	Tube type					ø8 Hi-XA	ø8 Hi-XSS
Piping connections	Piping length	OU - IU	Max.	m	25	25	25
	Liquid			OD	mm	6.35	6.35
					Quantity	5	5
	Gas			OD	mm	9.52	9.52

				Quantity	2	2	2
	Drain		OD	mm	25	25	25
	Gas 2		OD	mm	12.7	12.7	12.7
				Quantity	1	1	1
	Level difference	IU - IU	Max.	m	7.5	7.5	7.5
		IU - OU	Max.	m	15	15	15
	Gas 3		OD	mm	15.9	15.9	15.9
				Quantity	2	2	2
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 30m)	0.02 (for piping length exceeding 30m)	0.02 (for piping length exceeding 30m)
	Total piping length	System	Actual	m	75	75	75
	Heat insulation				Both liquid and gas pipes	Both liquid and gas pipes	Both liquid and gas pipes
Sound power level	Cooling			dB(A)	66	66	66
Dimensions	Packed unit		Width	mm	925	925	925
			Height	mm	900	900	900
			Depth	mm	390	390	390
Unit			Width	mm	900	900	900
			Depth	mm	320	320	320
			Height	mm	770	770	770
Compressor	Output			W	1,920	1,920	1,920
	Compressor--Type				Hermetically sealed swing compressor	Hermetically sealed swing compressor	Hermetically sealed swing compressor
	Model				2YC63BXD#C	2YC63BXD#C	2YC63BXD#C
Casing	Colour				Ivory white	Ivory white	Ivory white
Capacity control	Method				Inverter controlled		Inverter controlled
Weight	Packed unit			kg	80	80	80
	Unit			kg	73	73	73
Fan	Running current	Cooling	Standard	A	0.97	0.97	0.97
			High	A	1.02	1.02	1.02
			Low	A	0.69	0.69	0.69
		Heating	High	A	0.90	0.90	0.90
			Low	A	0.05	0.05	0.05
			Air flow rate	Heating	Low	cfm	519
			High	m ³ /min	52.5	52.5	52.5
			Low	m ³ /min	14.7	14.7	14.7
		High	cfm	1,854	1,854	1,854	

		Cooling	Low	m³/min	46.0	46.0	46.0
			Nom.	m³/min	54.5	54.5	54.5
			Low	cfm	1,624	1,624	1,624
			Nom.	cfm	1,924	1,924	1,924
			High	m³/min	57.1	57.1	57.1
			High	cfm	2,016	2,016	2,016
	Power consumption	Cooling	Standard	W	86	86	86
			High	W	95	95	95
			Low	W	55	55	55
		Heating	Low	W	9	9	9
			High	W	78	78	78
	Type				Propeller fan	Propeller fan	Propeller fan
Refrigerant oil	Charged volume			l	0.75	0.75	0.75
	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)
Current - 50Hz	Maximum fuse amps (MFA)			A	20	20	20
Power supply	Frequency			Hz	50	50	50
	Voltage			V	230	230	230
	Phase				1~	1~	1~
Current	Starting current	Cooling	A	11.8	11.8	11.8	
		Heating	A	11.8	11.8	11.8	
Notes					Cooling: indoor temp. 27°CDB, 19.0°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m	Cooling: indoor temp. 27°CDB, 19.0°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m	Cooling: indoor temp. 27°CDB, 19.0°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m
					Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m	Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m	Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m
					Contains fluorinated greenhouse gases	Contains fluorinated greenhouse gases	Contains fluorinated greenhouse gases
Wiring connections	For connection with indoor			Quantity		4	
	For power supply			Quantity		3	