

				FUQ71CVEB	FUQ100CVEB	FUQ125CVEB
Power input - 50Hz	Cooling	Nom.	kW	0.109	0.163	0.185
	Heating	Nom.	kW	0.103	0.158	0.180
Casing	Colour			Fresh White	Fresh White	Fresh White
	Material			Resin	Resin	Resin
Dimensions	Unit	Height	mm	198	198	198
		Width	mm	950	950	950
		Depth	mm	950	950	950
	Packed unit	Height	mm	295	295	295
		Width	mm	1,026	1,026	1,026
		Depth	mm	1,016	1,016	1,016
Weight	Unit		kg	25	26	26
	Packed unit		kg	36	38	38
Heat exchanger	Inside length		mm	2,413	2,360	2,360
	Outside length		mm	2,467	2,467	2,467
	Rows	Quantity		2	3	3
	Fin pitch		mm	1.2	1.2	1.2
	Face area		m ²	0.3380	0.3300	0.3300
	Stages	Quantity		10	10	10
	Empty tubeplate hole	Quantity		0	0	0
	Tube type			Hi-XA	Hi-XA	Hi-XA
	Fin	Type		Multi slit fin	Multi slit fin	Multi slit fin
		Treatment		Anti Corrosion Hydrophilic	Anti Corrosion Hydrophilic	Anti Corrosion Hydrophilic
	Tube diameter		mm	5.0	5.0	5.0
	Tube material			Copper	Copper	Copper
Fan	Type			Turbo fan	Turbo fan	Turbo fan
	Quantity			1	1	1
Air flow rate	Cooling	High	m ³ /min	23	31	32.5
		High	cfm	812	1,095	1,148
		Nom.	m ³ /min	19.5	25.5	26.5
		Low	m ³ /min	16	20	20.5
		Low	cfm	565	706	724
		Heating	High	m ³ /min	23	31
	Heating	High	cfm	812	1,095	1,148
		Nom.	m ³ /min	19.5	25.5	26.5
		Low	m ³ /min	16	20	20.5

			Low	cfm	565	706	724
			Nom.	cfm	689	901	936
		Heating	Nom.	cfm	689	901	936
Fan motor	Quantity				1	1	1
	Model				ARW5203DK	EHDS10DDK	EHDS10DDK
	Drive				Direct drive	Direct drive	Direct drive
	Speed		Steps		3	3	3
		Cooling	High	rpm	608	804	840
			Low	rpm	448	555	555
		Heating	High	rpm	608	804	840
			Low	rpm	448	555	555
	Output		High	W	46	106	106
	Phase x Voltage			V	DC280V	DC280V	DC280V
	Full load amps (FLA)		Cooling	A	0.7	1.0	1.1
			Heating	A	0.7	1.0	1.1
	Index of Protection				20	20	20
	Insulation grade				Class "E"	Class "E"	Class "E"
	Poles				8	8	8
	Speed	Cooling	Medium	rpm	528	680	697
		Heating	Medium	rpm	528	680	697
Sound power level	Cooling			dBa	59	64	65
	Heating			dBa	59	64	65
Sound pressure level	Cooling		High	dBa	41	46	47
			Nom.	dBa	38	42	43
			Low	dBa	35	39	40
	Heating		High	dBa	41	46	47
			Nom.	dBa	38	42	43
			Low	dBa	35	39	40
Refrigerant	Type				R-410A	R-410A	R-410A
Piping connections	Sound absorbing insulation				Not needed	Not needed	Not needed
	Liquid		Type		C1220T (Flare connection)	C1220T (Flare connection)	C1220T (Flare connection)
			OD	mm	9.52	9.52	9.52
	Gas		Type		C1220T (Flare connection)	C1220T (Flare connection)	C1220T (Flare connection)
			OD	mm	15.9	15.9	15.9
	Drain				VP25 (OD Ø32.0)	VP25 (OD Ø32.0)	VP25 (OD Ø32.0)
	Heat insulation				Needed	Needed	Needed
Drain-up height	mm				600	600	600

Air filter	Type		Resin net with mold resistance	Resin net with mold resistance	Resin net with mold resistance
	Quantity	pc	1	1	1
Control systems	Infrared remote control		BRC7C58	BRC7C58	BRC7C58
	Wired remote control		BRC1D52, BRC1E52A/B	BRC1D52, BRC1E52A/B	BRC1D52, BRC1E52A/B
Air direction control			Up and downwards	Up and downwards	Up and downwards
Packing	Material		Carton, OSB board	Carton, OSB board	Carton, OSB board
	Weight	kg	8.3	8.3	8.3
Template			Sky Air Indoor	Sky Air Indoor	Sky Air Indoor
Power supply	Name		VE	VE	VE
	Phase		1~	1~	1~
	Frequency	Hz	50/60	50/60	50/60
	Voltage	V	220-240/220	220-240/220	220-240/220
Current - 50Hz	Maximum running current	A	0.9	1.3	1.4
Heat exchanger	Length	mm		2,413	2,413