



					ABQ71CV1	ABQ100CV1	ABQ125CV1	ABQ140CV1
Refrigerant	Type				R-410A	R-410A	R-410A	R-410A
Fan motor	Full load amps (FLA)	Heating	A		1.05	0.90	3.16	4.23
		Cooling	A		1.05	0.90	3.16	1.23
	Output	Rated	W		110	130	560	560
	Phase x Voltage			V	310VDC	310VDC	310VDC	310VDC
	Speed	Cooling	High	rpm	1,280	790	1,160	1,155
			Medium	rpm	1,190	720	1,070	1,050
			Low	rpm	1,080	660	995	915
		Heating	High	rpm	1,280	790	1,160	1,155
			Medium	rpm	1,190	720	1,070	1,050
			Low	rpm	1,080	660	995	915
				Steps	3	3	3	3
	Quantity				1	1	1	1
	Insulation grade				Class "E"	Class "E"	B	B
	Drive				Direct drive	Direct drive	Direct drive	Direct drive
	Model				MOTOR, M5CCY28C-1 110W 310VDC	MOTOR, M5CCY40C-1 130W 310VDC	MOTOR, M5CCY50/60C- 1 560W 230VAC	MOTOR, M5CCY50/60C- 1 560W 230VAC
	Poles				8	8	10	10
	Fan motor--Index of protection				20	20	20	20

Packing	Weight			kg	4	4	4	6
	Material				EPS, Corrugated board	EPS, Corrugated board	EPS, Corrugated board	EPS, Corrugated board
Heat exchanger	Fin		Treatment		Hydrophilic	Hydrophilic	Hydrophilic	Hydrophilic
			Type		Slit fin	Slit fin	Slit fin	Slit fin
	Fin pitch		mm		1.41	1.41	1.41	1.41
	Stages		Quantity		14	16	16	16
	Tube diameter		mm		7	7	7	7
	Rows		Quantity		3	3	3	3
	Face area		m ²		235,200	302,400	387,744	454,944
	Length		mm		800	900	1,154	1,354
	Tube type				Inner Groove	Inner Groove	Inner Groove	Inner Groove
	Tube material				Copper	Copper	Copper	Copper
Piping connections	Liquid	OD	mm		9.52	9.52	9.52	9.52
			Type		Flare connection	Flare connection	Flare connection	Flare connection
	Gas	OD	mm		15.88	15.88	15.88	15.88
			Type		Flare connection	Flare connection	Flare connection	Flare connection
	Drain				19.05	19.05	19.05	19.05
	Heat insulation				Both liquid and gas pipes	Both liquid and gas pipes	Both liquid and gas pipes	Both liquid and gas pipes
Power input	Cooling	Nom.	kW		0.128	0.109	0.413	0.546
	Heating	Nom.	kW		0.128	0.109	0.413	0.546

Sound power level	Cooling			dBa	64	60		
	Heating			dBa	64	60		
Air filter	Quantity			pc	2	2	2	2
	Type				Saranet	Saranet	Saranet	Saranet
Dimensions	Packed unit	Width	mm	690	631	631	631	
		Height	mm	343	415	415	415	
		Depth	mm	1,138	1,245	1,497	1,701	
	Unit	Width	mm	600	541	541	541	
		Depth	mm	1,007	1,045	1,299	1,499	
		Height	mm	285	378	378	378	
Casing	Material				Galvanised steel	Galvanised steel	Galvanised steel	Galvanised steel
Weight	Packed unit			kg	39	48	54	62
	Unit			kg	35	44	50	56
Fan	External static pressure	High	Pa	90	70	150	150	
		Nom.	Pa	77	57	128	122	
		Low	Pa	64	45	111	92	
	Air flow rate	Heating	Low	cfm	545	645	1,230	1,340
			High	m³/min	18.3	22.7	40.5	48.7
			Low	m³/min	15.4	18.3	34.8	37.9
			High	cfm	645	800	1,430	1,720
		Cooling	Low	m³/min	15.4	18.3	34.8	37.9
			Low	cfm	545	645	1,230	1,340

			High	m³/min	18.3	22.7	40.5	48.7
			High	cfm	645	800	1,430	1,720
	Fan==Fan type				Sirocco fan	Sirocco fan	Sirocco fan	Sirocco fan
	Fan==Fan quantity				2	2	2	2
	Air flow rate	Heating	Nom.	cfm	595	725	1,320	1,550
			Nom.	m³/min	16.8	20.5	37.4	43.9
		Cooling	Nom.	m³/min	16.8	20.5	37.4	43.9
			Nom.	cfm	595	725	1,320	1,550
Template					Sky Air Indoor	Sky Air Indoor	Sky Air Indoor	Sky Air Indoor
Temperature control					Microcomputer control	Microcomputer control	Microcomputer control	Microcomputer control
Voltage range	Min.			%	-10	-10	-10	-10
	Max.			%	10	10	10	10
Power supply	Frequency			Hz	50	50	50	50
	Voltage			V	220-240	220-240	220-240	220-240
	Phase				1~	1~	1~	1~
Wiring connections - 50Hz	For power supply			Quantity	3	3	3	3
				Remark	4 for interunit wiring (earth wire included)	4 for interunit wiring (earth wire included)	4 for interunit wiring (earth wire included)	4 for interunit wiring (earth wire included)
Current	Nominal running current (RLA) - 50Hz		Heating	A	1.05	0.90	3.16	4.23

		Cooling	A	1.05	0.90	3.16	4.23
Sound pressure level	Heating	High	dBA		41	53	55
		Low	dBA		36	50	50
	Cooling	Low	dBA		36	50	50
		High	dBA		41	53	55
		Nom.	dBA		38	52	53
	Cooling	Nom.	dBA		38	52	53
Heat exchanger	Empty tubeplate hole		Quantity		1	1	1