

				AHQ71CV1	AHQ100CV1	AHQ125CV1	AHQ140CV1	
Sound pressure level	Heating	High	dBA	49	52	52	56	
		Nom.	dBA	48	47	50	53	
		Low	dBA	46	46	49	46	
	Cooling	Low	dBA	46	46	49	46	
		High	dBA	49	52	52	56	
		Nom.	dBA	48	47	50	53	
Control systems	Infrared remote control			ARCWLA	ARCWLA	ARCWLA	ARCWLA	
	Wired remote control			ARCWB	ARCWB	ARCWB	ARCWB	
Fan motor	Full load amps (FLA)	Heating	A	0.80	1.12	1.10	2.52	
		Cooling	A	0.80	1.12	1.10	2.52	
	Output	Rated	W	106	149	240	316	
	Phase x Voltage		V	1 x 230V	1 x 230V	1 x 230V	1 x 230V	
	Speed	Cooling	High	rpm	1,235	1,300	1,310	1,310
			Medium	rpm	1,120	1,170	1,170	1,265
			Low	rpm	1,010	1,090	1,050	1,130
		Heating	High	rpm	1,235	1,300	1,310	1,310
			Medium	rpm	1,120	1,170	1,170	1,265
			Low	rpm	1,010	1,090	1,050	1,130
				Steps	3	3	3	3
	Quantity				1	1	1	2
	Insulation grade				Class "E"	Class "E"	Class "E"	Class "E"
	Drive				Direct drive	Direct drive	Direct drive	Direct drive
Model				M5CEY35E-1 8P 93W	M5CEY40-50E-1 8P 150W	M5CEY40-50E-1 8P 150W	M5CEY62C-1 8P 80W	
Poles				8	8	8	8	
Fan motor--Index of protection				20	20	20	20	
Packing	Weight		kg	7	8	10	5	
	Material			EPS, Corrugated board	EPS, Corrugated board	EPS, Corrugated board	EPS, Corrugated board	
Heat exchanger	Fin		Treatment	Hydrophilic	Hydrophilic	Hydrophilic	Bare	
			Type	Slit fin	Slit fin	Slit fin	Corrugated fin	
	Fin pitch		mm	1.41	1.41	1.41	1.81	
	Stages		Quantity	12	12	12	10	
	Tube diameter		mm	7.00	7.00	7.00	9.52	
	Rows		Quantity	3	3	4	4	
	Face area		m ²	0.2640	0.3180	0.3810	0.4190	
Length		mm	1,048	1,263	1,513	1,650		
Tube type				Inner Groove	Inner Groove	Inner Groove	Plain	

	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
	Gas	OD	mm	15.88	15.88	15.88	15.88
				Type	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	0.106	0.149	0.240	0.316
	Heating	Nom.	kW	0.106	0.149	0.240	0.316
Sound power level	Cooling		dB(A)	59	64	69	70
	Heating		dB(A)	62	64	69	70
Air filter	Quantity		pc	3	3	4	5
	Type			Removable / washable	Removable / washable	Removable / washable	Removable / washable
Dimensions	Packed unit	Width	mm	1,401	1,620	1,868	2,016
		Height	mm	352	352	352	351
		Depth	mm	734	734	734	788
	Unit	Width	mm	1,320	1,538	1,786	1,902
		Depth	mm	634	634	634	680
		Height	mm	260	260	260	285
Casing	Colour			White	White	White	White
	Material			Galvanised steel	Galvanised steel	Galvanised steel	Galvanised steel
Weight	Packed unit		kg	45	53	64	75
	Unit		kg	38	45	54	70
Fan	External static pressure	High	Pa	0	0	0	0
		Nom.	Pa	0	0	0	0
		Low	Pa	0	0	0	0
Air flow rate	Heating	Low	cfm	669	877	959	1,000
		High	m³/min	23.8	31.1	34.4	43.9
		Low	m³/min	18.9	24.8	27.2	28.3
		Nom.	cfm	753	983	1,082	1,380
		High	cfm	840	1,100	1,215	1,550
		Nom.	m³/min	21.3	27.8	30.6	39.1
	Cooling	Low	m³/min	18.9	24.8	27.2	28.3
		Nom.	m³/min	21.3	27.8	30.6	39.1
		Low	cfm	669	877	959	1,000
		Nom.	cfm	753	983	1,082	1,380
		High	m³/min	23.8	31.1	34.4	43.9
		High	cfm	840	1,100	1,215	1,550
	Quantity			3	4	4	4

	Type		Sirocco fan	Sirocco fan	Sirocco fan	Sirocco fan
Template			Split Sky Air Indoor	Split Sky Air Indoor	Split Sky Air Indoor	Split 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	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)