



					AHQ71CV1	AHQ100CV1	AHQ125CV1	AHQ140CV1
Sound pressure level	Heating		High	dBA	49	52	52	56
			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
	Cooling		Nom.	dBA	48	47	50	53
Refrigerant	Type				R-410A	R-410A	R-410A	R-410A
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	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	0.106	0.149	0.240	0.316
	Heating	Nom.	kW	0.106	0.149	0.240	0.316
Sound power level	Cooling		dBA	59	64	69	70
	Heating		dBA	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
			High	cfm	840	1,100	1,215	1,550
		Cooling	Low	m³/min	18.9	24.8	27.2	28.3
			Low	cfm	669	877	959	1,000
			High	m³/min	23.8	31.1	34.4	43.9
			High	cfm	840	1,100	1,215	1,550
	Fan==Fan type				Sirocco fan	Sirocco fan	Sirocco fan	Sirocco fan
	Fan==Fan quantity				3	4	4	4
	Air flow rate	Heating	Nom.	cfm	753	983	1,082	1,380
			Nom.	m³/min	21.3	27.8	30.6	39.1
		Cooling	Nom.	m³/min	21.3	27.8	30.6	39.1
			Nom.	cfm	753	983	1,082	1,380
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	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)