				ADEQ35C2VEB	ADEQ50C2VEB	ADEQ60C2VEB	ADEQ71C2VEB	ADEQ100C2VEB	ADEQ125C2VEB
Sound pressure level	Heating	High	dBA	37	37	31	31	36	38
		Nom.	dBA	37	37	31	31	36	38
		Sound pressure level-=-Heating-=-Medium-=-dBA	dBA	34	34	28	28	33	35
		Low	dBA	29	29	25	25	30	32
	Cooling	Sound pressure level-=-Cooling-=-Medium-=-dBA	dBA	32 (0.000)	32 (0.000)	28 (0.000)	28 (0.000)	32 (0.000)	35 (0.000)
		Low	dBA	29	29	25	25	30	32
		High	dBA	35	35	30	30	34	37
		Nom.	dBA	35	35	30	30	34	37
Standard Accessories	Item			Operation manual	Operation manual	Operation manual	Operation manual	Operation manual	Operation manual
	Quantity			1	1	1	1	1	1
	Item			Installation manual	Installation manual	Installation manual	Installation manual	Installation manual	Installation manual
	Quantity			1	1	1	1	1	1
	Item			Drain hose	Drain hose	Drain hose	Drain hose	Drain hose	Drain hose
	Quantity			1	1	1	1	1	1
	Item			Metal clamp for drain hose	Metal clamp for drain hose	Metal clamp for drain hose	Metal clamp for drain hose	Metal clamp for drain hose	Metal clamp for drain hose
	Quantity			1	1	1	1	1	1
	Item			Washer for hanger bracket	Washer for hanger bracket	Washer for hanger bracket	Washer for hanger bracket	Washer for hanger bracket	Washer for hanger bracket
	Quantity			8	8	8	8	8	8
	Item			Screws	Screws	Screws	Screws	Screws	Screws
	Quantity			40	40	40	40	40	40
	Item			Insulation for fitting	Insulation for fitting	Insulation for fitting	Insulation for fitting	Insulation for fitting	Insulation for fitting
	Quantity			2	2	2	2	2	2
	Item			Sealing pad	Sealing pad	Sealing pad	Sealing pad	Sealing pad	Sealing pad

	Quantity			5	5	5	5	5	5
	Item			Clamps	Clamps	Clamps	Clamps	Clamps	Clamps
	Quantity			4	4	4	4	4	4
Refrigerant	Type			R-410A	R-410A	R-410A	R-410A	R-410A	R-410A
	GWP			2,087.5	2,087.5	2,087.5	2,087.5	2,087.5	2,087.5
Fan motor	Output	Rated	W	130	130	230	230	300	300
	Speed		Steps	3	3	3	3	3	3
	Model			Brushless DC motor	Brushless DC motor	Brushless DC motor	Brushless DC motor	Brushless DC motor	Brushless DC motor
	Quantity			1	1	1	1	1	1
Cooling capacity	Nom.		kW	3.40	5.00	5.70	6.80	9.50	12.10
Heat exchanger	Fin		Type	Cross fin coil (Multi slit fins with hydrophilic treatment and Ø5Hi-XA tubes)	Cross fin coil (Multi slit fins with hydrophilic treatment and Ø5Hi-XA tubes)	Cross fin coil (Multi slit fins with hydrophilic treatment and Ø5Hi-XA tubes)	Cross fin coil (Multi slit fins with hydrophilic treatment and Ø5Hi-XA tubes)	Cross fin coil (Multi slit fins with hydrophilic treatment and Ø5Hi-XA tubes)	Cross fin coil (Multi slit fins with hydrophilic treatment and Ø5Hi-XA tubes)
Piping connections	Liquid	OD	mm	6,35	6,35	6,35	9,52	9,52	9,52
			Type	Flare connection	Flare connection	Flare connection	Flare connection	Flare connection	Flare connection
	Gas	OD	mm	9.52	12.7	12.7	15.9	15.9	15.9
			Type	Flare connection	Flare connection	Flare connection	Flare connection	Flare connection	Flare connection
	Drain			VP20 (I.D. 20/O.D. 26)	VP20 (I.D. 20/O.D. 26)	VP20 (I.D. 20/O.D. 26)	VP20 (I.D. 20/O.D. 26)	VP20 (I.D. 20/O.D. 26)	VP20 (I.D. 20/O.D. 26)
	Heat insulation			Foamed polystyrene/polyethylene	Foamed polystyrene/polyethylene	Foamed polystyrene/polyethylene	Foamed polystyrene / Foamed polyethylene	Foamed polystyrene / Foamed polyethylene	Foamed polystyrene / Foamed polyethylene
	Sound absorbing insulation			Butyl Rubber	Butyl Rubber	Butyl Rubber	Butyl Rubber	Butyl Rubber	Butyl Rubber
Sound power level	Cooling		dBA	60	60	56	56	58	62
Air filter	Type			Resin net with mold resistance	Resin net with mold resistance	Resin net with mold resistance	Resin net with mold resistance	Resin net with mold resistance	Resin net with mold resistance
Dimensions	Packed unit	Width	mm	900	900	1,200	1,200	1,600	1,600
		Height	mm	890	890	890	890	890	890
		Depth	mm	295	295	295	295	295	295
	Unit	Width	mm	700	700	1,000	1,000	1,400	1,400
		Depth	mm	800	800	800	800	800	800
		Height	mm	245	245	245	245	245	245
Casing	Colour			Unpainted	Unpainted	Unpainted	Unpainted	Unpainted	Unpainted

	Material				Galvanised steel plate	Galvanised steel plate	Galvanised steel plate	Galvanised steel plate	Galvanised steel plate	Galvanised steel plate
Weight	Packed unit			kg	30.5	30.5	38.0	38	49	49
	Unit			kg	28.0	28.0	35.0	35	46	46
Fan	External static pressure		High	Pa	150	150	150	150	150	150
			Nom.	Pa	30	30	30	30	40	50
	Air flow rate	Heating	High	m³/min	15.0	15.0	18.0	18.0	29.0	34.0
			Fan-=-Air flow rate-=-Heating-=-Medium-=-m³/min	m³/min	12.5 (0.000)	12.5 (0.000)	15.0 (0.000)	15.0 (0.000)	26.0 (0.000)	29.0 (0.000)
			Low	m³/min	10.5	10.5	12.5	12.5	23.0	23.5
			Nom.	m³/min	15.0	15.0	18.0	18.0	29.0	34.0
		Cooling	Low	m³/min	10.5	10.5	12.5	12.5	23.0	23.5
			Nom.	m³/min	15.0	15.0	18.0	18.0	29.0	34.0
			Fan-=-Air flow rate-=-Cooling-=-Medium-=-m³/min	m³/min	12.5 (0.000)	12.5 (0.000)	15.0 (0.000)	15.0 (0.000)	26.0 (0.000)	29.0 (0.000)
			High	m³/min	15.0	15.0	18.0	18.0	29.0	34.0
	Type				Sirocco fan	Sirocco fan	Sirocco fan	Sirocco fan	Sirocco fan	Sirocco fan
	Quantity				1	1	2	2	3	3
	Model				QD16A1CM/QA16A1DM	QD16A1CM/QA16A1DM	QD16A1CM/QA16A1DM	QD16A1CM/QD16A1DM	QD16A1CM/QD16A1DM	QD16A1CM/QD16A1DM
Heating capacity	Nom.			kW	4.00	5.50	7.00	7.50	10.80	13.50
Template					Sky Air Indoor	Sky Air Indoor	Sky Air Indoor	Sky Air Indoor	Sky Air Indoor	Sky Air Indoor
Power supply	Frequency			Hz	50	50	50	50	50	50
	Voltage			V	220-240	220-240	220-240	220-240	220-240	220-240
	Phase				1~	1~	1~	1~	1~	1~
Notes_Description					The sound power level is an absolute value indicating the power which a sound source generates.	The sound power level is an absolute value indicating the power which a sound source generates.	The sound power level is an absolute value indicating the power which a sound source generates.	The sound power level is an absolute value indicating the power which a sound source generates.	The sound power level is an absolute value indicating the power which a sound source generates.	The sound power level is an absolute value indicating the power which a sound source generates.

					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