					AZQS71B2V1B	AZQS100B8V1B	AZQS125B8V1B	AZQS140B8V1B
Sound pressure level	Heating		Nom.	dBA	50	57	58	54
	Cooling		Nom.	dBA	48	53	54	53
	Night quiet mode		Level 1	dBA	43	49	49	49
Standard Accessories	Item				Tie-wraps	Tie-wraps	Tie-wraps	Tie-wraps
	Quantity				2	2	2	2
	Item				Installation manual	Installation manual	Installation manual	Installation manual
	Quantity				1	1	1	1
Refrigerant	Circuits			Quantity	1	1	1	1
	Charge			TCO2Eq	5.7	6.1	6.1	8.4
	Charge			kg	2.75	2.9	2.9	4.0
	Refrigerant-=-Gwp				2,087.5	2,087.5	2,087.5	2,087.5
	Type				R-410A	R-410A	R-410A	R-410A
	Control				Expansion valve (electronic type)	Expansion valve (electronic type)	Expansion valve (electronic type)	Expansion valve (electronic type)
Fan motor	Output			W	70	200	200	94
	Quantity				1	1	1	2
	Drive				Direct drive	Direct drive	Direct drive	Direct drive
	Model				KFD-325-70-8A	Brushless DC motor	Brushless DC motor	Brushless DC motor
Operation range	Cooling	Ambient	Max.	°CDB	46	46	46	46

			Min.	°CDB	-5	-5	-5	-5
	Heating	Ambient	Max.	°CWB	15.5	15.5	15.5	15.5
			Min.	°CWB	-15	-15	-15	-15
Heat exchanger	Passes			Quantity	8			
	Fin			Treatment	Anti-corrosion treatment (PE)	Anti-corrosion treatment (PE)	Anti-corrosion treatment (PE)	Anti-corrosion treatment (PE)
				Type	WF fin	WF fin	WF fin	WF fin
	Empty tubeplate hole			Quantity	0			
	Rows			Quantity	2			
	Face area			m²	0.641			
	Length			mm	857			
	Fin pitch			mm	1.4			
	Stages			Quantity	34			
	Tube type				Hi-XSS (8)			
Piping connections	Piping length	OU - IU	Min.	m	5	5	5	5
			Max.	m	50	50	50	50
		System	Chargeless	m	30	30	30	30
			Equivalent	m	70	70	70	70
	Liquid		OD	mm	9.52	9.52	9.52	9.52
				Quantity	1	1	1	1
				Type	Flare connection	Flare connection	Flare connection	Flare connection
	Gas		OD	mm	15.9	15.9	15.9	15.9
				Quantity	1	1	1	1
				Type	Flare connection	Flare connection	Flare connection	Flare connection

	Drain		OD	mm	26	26	26	26
				Quantity	3	5	5	5
				Type	Hole	Hole	Hole	Hole
	Level difference	IU - OU	Max.	m	30.0	30.0	30.0	30.0
	Additional refrigerant charge			kg/m	See installation manual	See installation manual	See installation manual	See installation manual
	Heat insulation				Both liquid and gas pipes	Both liquid and gas pipes	Both liquid and gas pipes	Both liquid and gas pipes
Sound power level	Cooling			dBA	64	70	71	70
Safety devices	Item			01	High pressure switch	High pressure switch	High pressure switch	High pressure switch
				02	Fan motor thermal protection	Low pressure switch	Low pressure switch	Low pressure switch
				03	Fuse	Fan motor thermal protection	Fan motor thermal protection	Fan motor thermal protection
Dimensions	Packed unit		Width	mm	980	1,015	1,015	1,015
			Height	mm	900	1,170	1,170	1,610
			Depth	mm	420	422	422	422
	Unit		Width	mm	900	940	940	940
			Depth	mm	320	320	320	320
			Height	mm	770	990	990	1,430
Compressor	Output			W	1,700.0			
	Quantity				1	1	1	1
	Starting method				Inverter driven			
	Compressor-=-Type				Hermetically sealed swing compressor	Hermetically sealed swing compressor	Hermetically sealed swing compressor	Hermetically sealed swing compressor

Casing	Colour				Ivory white	Ivory white	Ivory white	Ivory white
	Material				Painted galvanized steel plate	Painted galvanized steel plate	Painted galvanized steel plate	Painted galvanized steel plate
Capacity control	Method				Inverter controlled	Inverter controlled	Inverter controlled	Inverter controlled
Weight	Packed unit			kg	71	81.3	82.8	104.4
	Unit			kg	67	72.8	74.3	94.9
Fan	Air flow rate	Heating	Nom.	m³/min	48.0	83	83	62
		Cooling	Nom.	m³/min	52.0	76	77	83
	Quantity				1	1	1	2
	Type				Propeller fan	Propeller fan	Propeller fan	Propeller fan
	Discharge direction				Horizontal	Horizontal	Horizontal	Horizontal
Refrigerant oil	Charged volume			l	0.75	0.9	0.9	1.35
	Type				FVC50K	FVC50K	FVC50K	FVC50K
Defrost control					Sensor for outdoor heat exchanger temperature	Sensor for outdoor heat exchanger temperature	Sensor for outdoor heat exchanger temperature	Sensor for outdoor heat exchanger temperature
Template					Sky Air Outdoor	Sky Air Outdoor	Sky Air Outdoor	Sky Air Outdoor
Defrost method					Pressure equalising	Reversed cycle	Reversed cycle	Reversed cycle
Wiring connections	For connection with indoor			Remark	See installation manual outdoor unit	See installation manual outdoor unit	See installation manual outdoor unit	See installation manual outdoor unit
	For power supply			Remark	See installation manual outdoor unit	See installation manual outdoor unit	See installation manual outdoor unit	See installation manual outdoor unit
Power supply	Voltage range		Max.	%	10	264	264	264
			Min.	%	-10	198	198	198
	Frequency			Hz	50	50	50	50

	Voltage		V	220-240	220-240	220-240	220-240
	Phase			1~	1~	1~	1~
Current	Zmax		List	Complies to EN61000-3-11	Complies to EN61000-3-11	Complies to EN61000-3-11	Complies to EN61000-3-11
	Recommended fuses		A	20	32	32	40
	Nominal running current (RLA)	Cooling	A	16.20			
Notes				PED: assembly = category I : excluded from scope of PED due to article 1, item 3.6 of 97/23/EC	PED: assembly = category I : excluded from scope of PED due to article 1, item 3.6 of 97/23/EC	PED: assembly = category I : excluded from scope of PED due to article 1, item 3.6 of 97/23/EC	PED: assembly = category I : excluded from scope of PED due to article 1, item 3.6 of 97/23/EC
				Minimum Ssc (=Short-circuit power) value: Equipment complying with EN/IEC 61000-3-12: European/International Technical Standard setting the limits for harmonic currents produced by equipment connected to public low-voltage systems with input current >16A and ≤ 75A per phase	Minimum Ssc (=Short-circuit power) value: Equipment complying with EN/IEC 61000-3-12: European/International Technical Standard setting the limits for harmonic currents produced by equipment connected to public low-voltage systems with input current >16A and ≤ 75A per phase	Minimum Ssc (=Short-circuit power) value: Equipment complying with EN/IEC 61000-3-12: European/International Technical Standard setting the limits for harmonic currents produced by equipment connected to public low-voltage systems with input current >16A and ≤ 75A per phase	Minimum Ssc (=Short-circuit power) value: Equipment complying with EN/IEC 61000-3-12: European/International Technical Standard setting the limits for harmonic currents produced by equipment connected to public low-voltage systems with input current >16A and ≤ 75A per phase
				RLA is based on following conditions: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB			
				MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker).			

					Contains fluorinated greenhouse gases	Contains fluorinated greenhouse gases	Contains fluorinated greenhouse gases	Contains fluorinated greenhouse gases
Power supply intake					Outdoor unit only	Outdoor unit only	Outdoor unit only	Outdoor unit only
Piping connections	Level difference	IU - IU	Max.	m		0.5	0.5	0.5
Safety devices	Item			04		Fuse	Fuse	Fuse
Fan	Air flow rate	Heating	Fan-=-Air flow rate-=-Heating-=-Moderate-=-m³/min	m³/min		55	55	
		Cooling	Fan-=-Air flow rate-=-Cooling-=-Moderate-=-m³/min	m³/min		55	55	
Notes						See separate drawing for electrical data	See separate drawing for electrical data	See separate drawing for electrical data
						Short-circuit power	Short-circuit power	Short-circuit power
						EER/COP according to Eurovent 2012, for use outside EU only	EER/COP according to Eurovent 2012, for use outside EU only	EER/COP according to Eurovent 2012, for use outside EU only
						Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. Data for standard efficiency series	Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. Data for standard efficiency series	Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. Data for standard efficiency series
						Nominal heating capacities are based	Nominal heating capacities are based	Nominal heating capacities are based

		on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. Data for high efficiency series, Eurovent certified	on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. Data for high efficiency series, Eurovent certified	on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. Data for high efficiency series, Eurovent certified