



					AZQS71B2V1B	AZQS100B7V1B	AZQS125B7V1B	AZQS140B7V1B
Sound pressure level	Heating		Nom.	dBa	50	57	58	54
	Cooling		Silent operation	dBa	43			
			Nom.	dBa	48	53	54	53
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
	Speed	Cooling	Nom.	rpm	800			
		Heating	Nom.	rpm	745			
				Steps	8			
	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			m ²	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	30	50	50	50
		System	Chargeless	m	30	30	30	30
			Equivalent	m	40	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	15.0	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	65	70	71	70
Safety devices	Item			01	High pressure switch	High pressure switch	High pressure switch	High pressure switch
				02	Fan motor thermal protection	Fan motor thermal protection	Fan motor thermal protection	Fan motor thermal protection
				03	Fuse	Fuse	Fuse	Fuse
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
	Model				2YC63DXD			
Capacity control	Method				Inverter controlled	Inverter controlled	Inverter controlled	Inverter controlled
Weight	Packed unit		kg		71	88	88	108
	Unit		kg		67	81	81	102
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					Split Sky Air Outdoor	Sky Air Outdoor	Sky Air Outdoor	Sky Air Outdoor
Defrost method					Pressure equalising	Reversed cycle	Reversed cycle	Reversed cycle
Current - 50Hz	Maximum fuse amps (MFA)		A		20			
Power supply	Voltage range		Max.	%	10	10	10	10
			Min.	%	-10	-10	-10	-10

	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 EN6100-3-3	Complies to EN61000-3-12	Complies to EN61000-3-12	Complies to EN61000-3-12
	Recommended fuses		A	20	32	32	32
	Nominal running current (RLA)	Cooling	A	16.20			
Notes				European/international technical standard setting the limits for harmonic currents produced by equipment connected to public low-voltage system with input current larger than 16A and $\leq 75A$ per phase.			
				Short-circuit power			
				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
Sound	Night quiet mode	Level 1	dBA		49	49	49

pressure level								
Piping connections	Level difference	IU - IU	Max.	m		0.5	0.5	0.5
Casing	Colour					Ivory white	Ivory white	Ivory white
	Material					Painted galvanized steel plate	Painted galvanized steel plate	Painted galvanized steel plate
Wiring connections	For connection with indoor			Remark		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
Notes						See separate drawings for electrical data	See separate drawings for electrical data	See separate drawings for electrical data
						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
						PED unit category: excluded from scope of PED due to article 1, item 3.6 of 97/23/EC	PED unit category: excluded from scope of PED due to article 1, item 3.6 of 97/23/EC	PED unit category: excluded from scope of PED due to article 1, item 3.6 of 97/23/EC