					AZQS71B2V1B	AZQS100B8V1B	AZQS125B8V1B	AZQS140B8V1B
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
Dimensions	Unit		Height	mm	770	990	990	1,430
			Width	mm	900	940	940	940
			Depth	mm	320	320	320	320
	Packed unit		Height	mm	900	1,170	1,170	1,610
			Width	mm	980	1,015	1,015	1,015
			Depth	mm	420	422	422	422
Weight	Unit			kg	67	72.8	74.3	94.9
	Packed unit			kg	71	81.3	82.8	104.4
Heat exchanger	Length			mm	857			
	Rows		Quantity		2			
	Fin pitch			mm	1.4			
	Passes		Quantity		8			
	Face area			m^2	0.641			
	Stages		Quantity		34			
	Empty tubeplate hole		Quantity		0			
	Tube type				Hi-XSS (8)			
	Fin		Type		WF fin	WF fin	WF fin	WF fin
			Treatment		Anti-corrosion treatment (PE)	Anti-corrosion treatment (PE)	Anti-corrosion treatment (PE)	Anti-corrosion treatment (PE)
Fan	Type				Propeller fan	Propeller fan	Propeller fan	Propeller fan
	Discharge direction				Horizontal	Horizontal	Horizontal	Horizontal
	Quantity				1	1	1	2
	Air flow rate	Cooling	Nom.	m^3/min	52.0	76	77	83
		Heating	Nom.	m^3/min	48.0	83	83	62
Fan motor	Quantity				1	1	1	2
	Model				KFD-325-70-8A	Brushless DC motor	Brushless DC motor	Brushless DC motor
	Output			W	70	200	200	94
	Drive				Direct drive	Direct drive	Direct drive	Direct drive
Compressor	Quantity				1	1	1	1
	Compressor-=-Type				Hermetically sealed swing compressor	Hermetically sealed swing compressor	Hermetically sealed swing compressor	Hermetically sealed swing compressor
	Output			W	1,700.0			
	Starting method				Inverter driven			
Operation range	Cooling	Ambient	Min.	°CDB	-5	-5	-5	-5
			Max.	°CDB	46	46	46	46
	Heating	Ambient	Min.	°CWB	-15	-15	-15	-15
			Max.	°CWB	15.5	15.5	15.5	15.5
Sound power level	Cooling			dBA	64	70	71	70
Sound pressure level	Cooling		Nom.	dBA	48	53	54	53
	Heating		Nom.	dBA	50	57	58	54
	Night quiet mode		Level 1	dBA	43	49	49	49
Refrigerant	Type				R-410A	R-410A	R-410A	R-410A
	Charge			kg	2.75	2.9	2.9	4.0
	Charge			TCO2Eq	5.7	6.1	6.1	8.4
	Control				Expansion valve (electronic type)	Expansion valve (electronic type)	Expansion valve (electronic type)	Expansion valve (electronic type)

	GWP				2,087.5	2,087.5	2,087.5	2,087.5
	Circuits		Quantity		1	1	1	1
Refrigerant oil	Type				FVC50K	FVC50K	FVC50K	FVC50K
	Charged volume			l	0.75	0.9	0.9	1.35
Piping connections	Liquid		Quantity		1	1	1	1
			Type		Flare connection	Flare connection	Flare connection	Flare connection
			OD	mm	9.52	9.52	9.52	9.52
	Gas		Quantity		1	1	1	1
			Type		Flare connection	Flare connection	Flare connection	Flare connection
			OD	mm	15.9	15.9	15.9	15.9
	Drain		Quantity		3	5	5	5
			Type		Hole	Hole	Hole	Hole
			OD	mm	26	26	26	26
	Piping length	OU - IU	Min.	m	5	5	5	5
			Max.	m	50	50	50	50
		System	Equivalent	m	70	70	70	70
			Chargeless	m	30	30	30	30
	Additional refrigerant charge			kg/m	See installation manual	See installation manual	See installation manual	See installation manual
	Level difference	IU - OU	Max.	m	30.0	30.0	30.0	30.0
	Heat insulation				Both liquid and gas pipes	Both liquid and gas pipes	Both liquid and gas pipes	Both liquid and gas pipes
Defrost method					Pressure equalising	Reversed cycle	Reversed cycle	Reversed cycle
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
Capacity control	Method				Inverter controlled	Inverter controlled	Inverter controlled	Inverter controlled
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
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
Template					Sky Air Outdoor	Sky Air Outdoor	Sky Air Outdoor	Sky Air Outdoor
Power supply	Name				V1	V1	V1	V1
	Phase				1~	1~	1~	1~
	Frequency			Hz	50	50	50	50
	Voltage			V	220-240	220-240	220-240	220-240
	Voltage range		Max.	%	10	264	264	264
			Min.	%	-10	198	198	198
Current	Zmax		List		Complies to EN61000-3-11	Complies to EN61000-3-11	Complies to EN61000-3-11	Complies to EN61000-3-11
	Nominal running current (RLA)		Cooling	A	16.20			
	Recommended fuses			A	20	32	32	40
Wiring connections	For power supply		Remark		See installation manual outdoor unit	See installation manual outdoor unit	See installation manual outdoor unit	See installation manual outdoor unit
	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
Power supply intake					Outdoor unit only	Outdoor unit only	Outdoor unit only	Outdoor unit only
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
Fan	Air flow rate	Cooling	Moderate	m³/min		55	55	
		Heating	Moderate	m³/min		55	55	
Piping connections	Level difference	IU - IU	Max.	m		0.5	0.5	0.5
Safety devices	Item		04			Fuse	Fuse	Fuse
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 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	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	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

					AZQS100B7Y1B	AZQS125B7Y1B	AZQS140B7Y1B
Casing	Colour				Ivory white	Ivory white	Ivory white
	Material				Painted galvanized steel plate	Painted galvanized steel plate	Painted galvanized steel plate
Dimensions	Unit		Height	mm	990	990	1,430
			Width	mm	940	940	940
			Depth	mm	320	320	320
	Packed unit		Height	mm	1,170	1,170	1,610
			Width	mm	1,015	1,015	1,015
			Depth	mm	422	422	422
Weight	Unit			kg	82	82	101
	Packed unit			kg	88	88	108
Heat exchanger	Fin		Type		WF fin	WF fin	WF fin
			Treatment		Anti-corrosion treatment (PE)	Anti-corrosion treatment (PE)	Anti-corrosion treatment (PE)
Fan	Type				Propeller fan	Propeller fan	Propeller fan
	Discharge direction				Horizontal	Horizontal	Horizontal
	Quantity				1	1	2
	Air flow rate	Cooling	Nom.	m^3/min	76	77	83
		Heating	Nom.	m^3/min	83	83	62
Fan motor	Quantity				1	1	2
	Model				Brushless DC motor	Brushless DC motor	Brushless DC motor
	Output			W	200	200	94
	Drive				Direct drive	Direct drive	Direct drive
Compressor	Quantity				1	1	1
	Compressor-=-Type				Hermetically sealed swing compressor	Hermetically sealed swing compressor	Hermetically sealed swing compressor
	Starting method				Inverter driven	Inverter driven	Inverter driven
Operation range	Cooling	Ambient	Min.	°CDB	-5	-5	-5
			Max.	°CDB	46	46	46
	Heating	Ambient	Min.	°CWB	-15	-15	-15
			Max.	°CWB	15.5	15.5	15.5
Sound power level	Cooling			dBA	70	71	70
Sound pressure level	Cooling		Nom.	dBA	53	54	53
	Heating		Nom.	dBA	57	58	54
	Night quiet mode		Level 1	dBA	49	49	49
Refrigerant	Type				R-410A	R-410A	R-410A
	Charge			kg	2.9	2.9	4.0
	Charge			TCO2Eq	6.1	6.1	8.4

	Control				Expansion valve (electronic type)	Expansion valve (electronic type)	Expansion valve (electronic type)
	GWP				2,087.5	2,087.5	2,087.5
	Circuits		Quantity		1	1	1
Refrigerant oil	Type				FVC50K	FVC50K	FVC50K
	Charged volume			l	0.9	0.9	1.35
Piping connections	Liquid		Quantity		1	1	1
			Type		Flare connection	Flare connection	Flare connection
			OD	mm	9.52	9.52	9.52
	Gas		Quantity		1	1	1
			Type		Flare connection	Flare connection	Flare connection
			OD	mm	15.9	15.9	15.9
	Drain		Quantity		5	5	5
			Type		Hole	Hole	Hole
			OD	mm	26	26	26
	Piping length	OU - IU	Min.	m	5 (6)	5 (6)	5 (6)
			Max.	m	50 (6)	50 (6)	50 (6)
		System	Equivalent	m	70	70	70
			Chargeless	m	30	30	30
	Additional refrigerant charge			kg/m	See installation manual	See installation manual	See installation manual
	Level difference	IU - OU	Max.	m	30.0	30.0	30.0
		IU - IU	Max.	m	0.5	0.5	0.5
	Heat insulation				Both liquid and gas pipes	Both liquid and gas pipes	Both liquid and gas pipes
Defrost method					Reversed cycle	Reversed cycle	Reversed cycle
Defrost control					Sensor for outdoor heat exchanger temperature	Sensor for outdoor heat exchanger temperature	Sensor for outdoor heat exchanger temperature
Capacity control	Method				Inverter controlled	Inverter controlled	Inverter controlled
Safety devices	Item		01		High pressure switch	High pressure switch	High pressure switch
			02		Fan motor thermal protection	Fan motor thermal protection	Fan motor thermal protection
			03		Fuse	Fuse	Fuse
Standard Accessories	Item				Tie-wraps	Tie-wraps	Tie-wraps
	Quantity				2	2	2
	Item				Installation manual	Installation manual	Installation manual
	Quantity				1	1	1
Template					Sky Air Outdoor	Sky Air Outdoor	Sky Air Outdoor
Power	Name				Y1	Y1	Y1

supply						
	Phase			3N~	3N~	3N~
	Frequency		Hz	50	50	50
	Voltage		V	380-415	380-415	380-415
	Voltage range	Max.	%	10	10	10
		Min.	%	-10	-10	-10
Current	Zmax	List		Complies to EN61000-3-11	Complies to EN61000-3-11	Complies to EN61000-3-11
	Recommended fuses		A	20	20	25
Wiring connections	For power supply	Remark		See installation manual outdoor unit	See installation manual outdoor unit	See installation manual outdoor unit
	For connection with indoor	Remark		See installation manual outdoor unit	See installation manual outdoor unit	See installation manual outdoor unit
Power supply intake				Outdoor unit only	Outdoor unit only	Outdoor unit only
Notes				See separate drawings for electrical data	See separate drawings for electrical data	See separate drawings for electrical data
				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
				Contains fluorinated greenhouse gases	Contains fluorinated greenhouse gases	Contains fluorinated greenhouse gases
				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 on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. Data for standard efficiency series	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 standard efficiency series	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 standard efficiency series
				For details regarding your combination of oudoor and indoor unit, refer to the technical databook	For details regarding your combination of oudoor and indoor unit, refer to the technical databook	For details regarding your combination of oudoor and indoor unit, refer to the technical databook