					RZQSG71L3V1B	RZQSG100L9V1B	RZQSG125L9V1B	RZQSG140L9V1B
Sound pressure level	Heating		Nom.	dBA	51	57	58	54
	Cooling		Silent operation	dBA	47			
			Nom.	dBA	49	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
	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	-15.0	-15	-15	-15
	Heating	Ambient	Max.	°CWB	15.5	15.5	15.5	15.5
			Min.	°CWB	-15	-15	-15	-15
Heat exchanger	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
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 - IU	Max.	m	0.5	0.5	0.5	0.5
		IU - OU	Max.	m	15	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	Both liquid and gas	Both liquid and gas	Both liquid and gas

				pipes	pipes	pipes	pipes
Sound power level	Cooling		dBA	65	70	70	69
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 driver overload protector	Fan driver overload protector	Fan driver overload protector
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	Quantity			1	1	1	1
	Starting method			Inverter driven	Inverter driven	Inverter driven	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	83	104
	Unit		kg	67	72	74	95
Fan	Air flow rate	Heating	Nom.	m^3/min	48	83	83	62

		Cooling	Nom.	m³/min	52	76	77.0	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
Current - 50Hz	Maximum fuse amps (MFA)			A	20	32	32	
Power supply	Voltage range		Max.	%	10	264	264	10
			Min.	%	-10	198	198	-10
	Frequency			Hz	50	50	50	50
	Voltage			V	220-240	220-240	220-240	220-240
	Phase				1~	1~	1~	1~
Current	Recommended fuses			A	25	40	40	40
Notes					See separate drawing for electrical data	See separate drawing for electrical data	See separate drawing for electrical data	See separate drawing for electrical data

					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 ≤ 75A per phase.			
					Short-circuit power			
					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 pressure level	Night quiet mode		Level 1	dBA		49	49	49
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	
Current	Zmax			List		Complies to EN61000-3-11	Complies to EN61000-3-11	Complies to EN61000-3-11
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

		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
		MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.	MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.	
		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.	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	Data for standard efficiency series	