

					RZQG71L9V1B	RZQG100L9V1B	RZQG125L9V1B	RZQG140L9V1B
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	990	1,430	1,430	1,430
			Width	mm	940	940	940	940
			Depth	mm	320	320	320	320
	Packed unit		Height	mm	1,170	1,610	1,610	1,610
			Width	mm	1,015	1,015	1,015	1,015
			Depth	mm	422	422	422	422
Weight	Unit			kg	69	95	95	95
	Packed unit			kg	78	104	104	104
Heat exchanger	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	2	2	2
	Air flow rate	Cooling	Nom.	m ³ /min	59	70	70	84
		Heating	Nom.	m ³ /min	49	62	62	62
Fan motor	Quantity				1	2	2	2
	Model				Brushless DC motor	Brushless DC motor	Brushless DC motor	Brushless DC motor
	Output				W	94	94	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
	Starting method				Inverter driven	Inverter driven	Inverter driven	Inverter driven
Operation range	Cooling	Ambient	Min.	°CDB	-15	-15	-15	-15
			Max.	°CDB	50	50	50	50
	Heating	Ambient	Min.	°CWB	-20	-20	-20	-20
			Max.	°CWB	15.5	15.5	15.5	15.5
Sound power level	Cooling			dBA	64	66	67	69
Sound pressure level	Cooling		Nom.	dBA	48	50	51	52
	Heating		Nom.	dBA	50	52	53	53
	Night quiet mode		Level 1	dBA	43	45	45	45
Refrigerant	Type				R-410A	R-410A	R-410A	R-410A
	Charge				kg	2.9	4.0	4.0
	Charge				TCO2Eq	6.1	8.4	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
	Circuits		Quantity			1	1	1
Refrigerant oil	Type				FVC50K	FVC50K	FVC50K	FVC50K
	Charged volume				l	0.9	1.35	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	15.9
	Drain	Quantity		5	5	5	5
		Type		Hole	Hole	Hole	Hole
		OD	mm	26	26	26	26
	Piping length	OU - IU	Min.	m	5 (2)	5 (2)	5 (2)
			Max.	m	50	75	75
		System	Equivalent	m	70	90	90
			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
					Low pressure switch	Low pressure switch	Low pressure switch
					Fan driver overload protector	Fan driver overload protector	Fan driver overload protector
					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 supply	Name				V1	V1	V1
	Phase				1~	1~	1~
	Frequency			Hz	50	50	50
	Voltage			V	220-240	220-240	220-240
	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	Complies to EN61000-3-11
	Recommended fuses			A	25	40	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
Current - 50Hz	Maximum fuse amps (MFA)			A	25	40	40
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
					3 with re-charging	3 with re-charging	3 with re-charging
					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	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

	input current >16A and ≤ 75A per phase			
	See separate drawing for electrical data	See separate drawing for electrical data	See separate drawing for electrical data	See separate drawing for electrical data
	Contains fluorinated greenhouse gases	Contains fluorinated greenhouse gases	Contains fluorinated greenhouse gases	Contains fluorinated greenhouse gases
	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.	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.