



					RZQG71L9V1B	RZQG100L9V1B	RZQG125L9V1B	RZQG140L9V1B
Sound pressure level	Heating	Nom.	dB		50	52	53	53
	Cooling	Nom.	dB		48	50	51	52
	Night quiet mode	Level 1	dB		43	45	45	45
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		6.1	8.4	8.4	8.4
	Charge		kg		2.9	4.0	4.0	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		94	94	94	94
	Quantity				1	2	2	2
	Drive				Direct drive	Direct drive	Direct drive	Direct drive
	Model				Brushless DC motor	Brushless DC motor	Brushless DC motor	Brushless DC motor
Operation range	Cooling	Ambient	Max.	°CDB	50	50	50	50

			Min.	°CDB	-15	-15	-15	-15
	Heating	Ambient	Max.	°CWB	15.5	15.5	15.5	15.5
			Min.	°CWB	-20	-20	-20	-20
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 (2)	5 (2)	5 (2)	5 (2)
			Max.	m	50	75	75	75
		System	Chargeless	m	30	30	30	30
			Equivalent	m	70	90	90	90
	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	5	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	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	66	67	69
Safety devices	Item			01	High pressure switch	High pressure switch	High pressure switch	High pressure switch
				02	Low pressure switch	Low pressure switch	Low pressure switch	Low pressure switch
				03	Fan driver overload protector	Fan driver overload protector	Fan driver overload protector	Fan driver overload protector
				04	Fuse	Fuse	Fuse	Fuse
Dimensions	Packed unit	Width	mm		1,015	1,015	1,015	1,015
		Height	mm		1,170	1,610	1,610	1,610
		Depth	mm		422	422	422	422
	Unit	Width	mm		940	940	940	940
		Depth	mm		320	320	320	320
		Height	mm		990	1,430	1,430	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	78	104	104	104
	Unit			kg	69	95	95	95
Fan	Air flow rate	Heating	Nom.	m ³ /min	49	62	62	62

		Cooling	Nom.	m³/min	59	70	70	84
	Quantity				1	2	2	2
	Type				Propeller fan	Propeller fan	Propeller fan	Propeller fan
	Discharge direction				Horizontal	Horizontal	Horizontal	Horizontal
Refrigerant oil	Charged volume			l	0.9	1.35	1.35	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					Reversed cycle	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	25	40	40	40
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 EN61000-3-11	Complies to EN61000-3-11	Complies to EN61000-3-11	Complies to EN61000-3-11
	Recommended fuses			A	25	40	40	40
Notes					PED: assembly = category I : excluded	PED: assembly = category I : excluded	PED: assembly = category I : excluded	PED: assembly = category I : excluded

	from scope of PED due to article 1, item 3.6 of 97/23/EC	from scope of PED due to article 1, item 3.6 of 97/23/EC	from scope of PED due to article 1, item 3.6 of 97/23/EC	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	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 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
	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.
Power supply intake	Outdoor unit only	Outdoor unit only	Outdoor unit only	Outdoor unit only