

Air Conditioners

# Heating & Cooling

**SkyAir**

- » **Ideal solution for commercial spaces with no or narrow false ceilings**
- » **Ideal rooms with high ceilings**
- » **Guarantees a stable temperature**
- » **Improved comfort**
- » **Standard plug and play connection with intelligent control systems**



FVQ-C

Floor Standing Unit



[www.daijin.eu](http://www.daijin.eu)



Replacement technology



INDOOR UNIT			FVQ71C	FVQ100C	FVQ125C	FVQ71C	FVQ100C	FVQ125C	
Cooling capacity	Nom.	kW	6.8	9.5	12.0	6.8	9.5	12.0	
Heating capacity	Nom.	kW	7.5	10.8	13.5	7.5	10.8	13.5	
Seasonal efficiency (according to EN14825)	Cooling	Energy label	A++		A+	A++		A+	
		Pdesign	6.80	9.50	12.00	6.80	9.50	12.00	
		SEER	6.31		5.61	6.31		5.61	
	Heating (Average climate)	Annual energy consumption	kWh	377	A+	592	A	748	A
		Pdesign	kW	6.33		11.30	6.33	A+	11.30
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	Cooling	SCOP	4.05	4.20	3.87	4.05	4.20	3.87	
		Annual energy consumption	kWh	2,188	3,766	4,087	2,188	3,766	4,087
	Heating	EER	3.37	3.81	3.21	3.37	3.81	3.21	
		COP	3.64	4.14	3.70	3.64	4.14	3.70	
	Annual energy consumption	kWh	1,010	1,245	1,870	1,010	1,245	1,870	
Energy label	Cooling	A		A	A		A		
Heating	A		A		A		A		
Casing	Colour		Fresh White			Fresh White			
Dimensions	Unit	HeightxWidthxDepth	mm			mm			
	Unit		kg			kg			
Fan - Air flow rate	Cooling	High/Nom./Low	m <sup>3</sup> /min	18/16/14	28/25/22	28/26/24	18/16/14	28/25/22	28/26/24
		High/Nom./Low	m <sup>3</sup> /min	18/16/14	28/25/22	28/26/24	18/16/14	28/25/22	28/26/24
Sound power level	Cooling	High/Nom./Low	dB(A)	55/53/50	62/59/56	63/60/58	55/53/50	62/59/56	63/60/58
		High/Nom./Low	dB(A)	55/53/50	62/59/56	63/60/58	55/53/50	62/59/56	63/60/58
Sound pressure level	Cooling	High/Nom./Low	dB(A)	43/41/38	50/47/44	51/48/46	43/41/38	50/47/44	51/48/46
		High/Nom./Low	dB(A)	43/41/38	50/47/44	51/48/46	43/41/38	50/47/44	51/48/46
Piping connections	Liquid	OD	mm	9.52		9.52		9.52	
	Gas	OD	mm	15.9		15.9		15.9	
	Drain	OD	mm	-		-		-	
Power supply	Phase / Frequency / Voltage	Hz / V	1 ~ / 50/60 / 220-240/220			1 ~ / 50/60 / 220-240/220			

OUTDOOR UNIT			RZQG71L8V1	RZQG100L8V1	RZQG125L8V1	RZQG71L8Y1	RZQG100L8Y1	RZQG125L8Y1	
Dimensions	Unit	HeightxWidthxDepth	mm			mm			
Weight	Unit		kg			kg			
Compressor	Type		Hermetically sealed swing compressor			Hermetically sealed swing compressor			
Sound power level	Cooling	Nom.	dB(A)	64	66	67	64	66	67
		Nom./Silent operation	dB(A)	48	50	51	48	50	51
Sound pressure level	Cooling	Nom.	dB(A)	50	52	53	50	52	53
		Nom./Silent operation	dB(A)	43		45	43		45
Operation range	Cooling	Ambient	Min.-Max.	°CDB		-15~50		-15~50	
		Heating	Ambient	Min.-Max.	°CWB		-20~-15.5		-20~-15.5
Refrigerant	Type			R-410A		R-410A		R-410A	
		GWP		1,975		1,975		1,975	
Piping connections	Liquid	OD	mm	9.52		9.52		9.52	
	Gas	OD	mm	15.9		15.9		15.9	
	Drain	OD	mm	26		26		26	
	Piping length	OU - IU	Max.	m	50	75	50	75	
Additional refrigerant charge	System	Equivalent	m	70	90	70	90		
	Level difference	IU - OU	Max.	m	30.0		30.0		
	IU - IU	Max.	m	0.5		0.5			
Power supply	Phase / Frequency / Voltage	Hz / V	1 ~ / 50 / 220-240			3N ~ / 50 / 380-415			

(1) EER/COP according to Eurovent 2012

INDOOR UNIT			FVQ71C	FVQ100C	FVQ125C	FVQ100C	FVQ125C		
Cooling capacity	Nom.	kW	6.8	9.5	12.0	9.5	12.0		
Heating capacity	Nom.	kW	7.5	10.8	13.5	10.8	13.5		
Seasonal efficiency (according to EN14825)	Cooling	Energy label	A		A	A			
		Pdesign	6.80	9.50	12.00	9.50	12.00		
		SEER	6.31		5.50	6.31		5.50	
	Heating (Average climate)	Annual energy consumption	kWh	433	604	763	604	763	
		Pdesign	kW	6.33		7.60	6.33	7.60	
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	Cooling	SCOP	3.86	4.01	3.85	4.01	3.85		
		Annual energy consumption	kWh	2,296	2,653	2,763	2,653	2,763	
	Heating	EER	3.21	3.61	2.81	3.21	3.61	2.81	
		COP	3.61	4.14	3.41	3.61	4.14	3.41	
	Annual energy consumption	kWh	1,059	1,480	2,135	1,480	2,135		
Energy label	Cooling	A		B	A		C		
Heating	A		A		A		B		
Casing	Colour		Fresh White			Fresh White			
Dimensions	Unit	HeightxWidthxDepth	mm			mm			
	Unit		kg			kg			
Fan - Air flow rate	Cooling	High/Nom./Low	m <sup>3</sup> /min	18/16/14	28/25/22	28/26/24	18/16/14	28/25/22	28/26/24
		High/Nom./Low	m <sup>3</sup> /min	18/16/14	28/25/22	28/26/24	18/16/14	28/25/22	28/26/24
Sound power level	Cooling	High/Nom./Low	dB(A)	55/53/50	62/59/56	63/60/58	55/53/50	62/59/56	63/60/58
		High/Nom./Low	dB(A)	55/53/50	62/59/56	63/60/58	55/53/50	62/59/56	63/60/58
Sound pressure level	Cooling	High/Nom./Low	dB(A)	43/41/38	50/47/44	51/48/46	43/41/38	50/47/44	51/48/46
		High/Nom./Low	dB(A)	43/41/38	50/47/44	51/48/46	43/41/38	50/47/44	51/48/46
Piping connections	Liquid	OD	mm	9.52		9.52		9.52	
	Gas	OD	mm	15.9		15.9		15.9	
	Drain	OD	mm	-		-		-	
Power supply	Phase / Frequency / Voltage	Hz / V	1 ~ / 50 / 60 / 220-240/220			1 ~ / 50 / 60 / 220-240/220			

(1) PED: assembly – category I: excluded from scope of PED due to article 1, item 3.6 of 97/23/EC (2) 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 system with input current > 16A and ≤ 75A per phase (3) 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.

OUTDOOR UNIT			RZQSG71L3V1	RZQSG100L8V1	RZQSG100L8V1	RZQSG100L8Y1	RZQSG125L8Y1	
Dimensions	Unit	HeightxWidthxDepth	mm			mm		
Weight	Unit		kg			kg		
Compressor	Type		Hermetically sealed swing compressor			Hermetically sealed swing compressor		
Sound power level	Cooling	Nom.	dB(A)	65	69	69	70	
		Nom./Silent operation	dB(A)	49/47	53/49	53	54	
Sound pressure level	Cooling	Nom.	dB(A)	51	57	57	58	
		Nom./Silent operation	dB(A)				49	
Operation range	Cooling	Ambient	Min.-Max.	°CDB		-5~46		
		Heating	Ambient	Min.-Max.	°CWB		-15~15.5	
Refrigerant	Type			R-410A		R-410A		
		GWP		1,975		1,975		
Piping connections	Liquid	OD	mm	9.52		9.52		
	Gas	OD	mm	15.9		15.9		
	Drain	OD	mm	26		26		
	Piping length	OU - IU	Max.	m	30	50	30	
Additional refrigerant charge	System	Equivalent	m	40	70	40	70	
	Level difference	IU - OU	Max.	m	15		30.0	
	IU - IU	Max.	m	0.5		0.5		
Power supply	Phase / Frequency / Voltage	Hz / V	1 ~ / 50 / 220-240			3N ~ / 50 / 380-415		

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