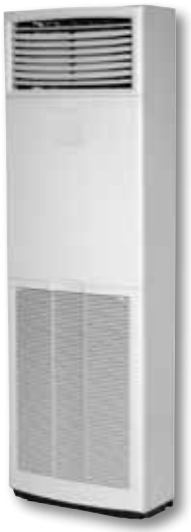
DAIKIN

Air Conditioners

Heating & Cooling

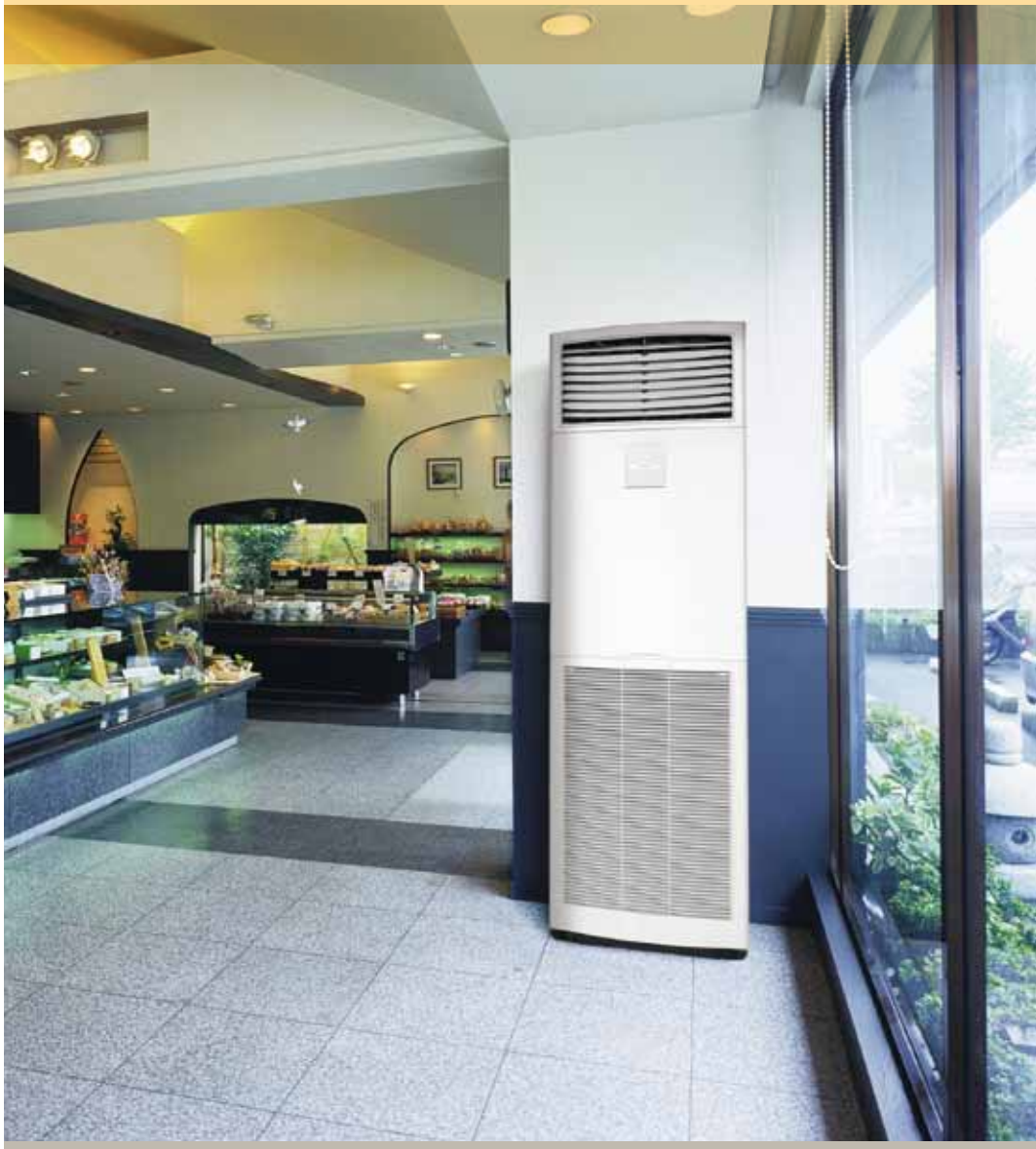
Sky Air

- Seasonal efficiency, optimized for all seasons
- Installation possible in new and existing buildings
- Ideal for commercial spaces without false ceilings
- Better air flow distribution
- Standard plug and play connection with intelligent control systems
- Re-use technology



FVQ-C

Floor Standing Unit



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Inverter | Fan only | Auto cooling-heating changeover | Vertical auto swing | Dry programme | Air purification filter | Weekly timer | Timer | Wired remote control | Centralised control | Auto restart | Self diagnosis

Heating & Cooling

Seasonal Classic

Seasonal Smart

INDOOR UNIT					FVQ100C	FVQ125C	FVQ140C	FVQ71C	FVQ100C	FVQ125C	FVQ140C
Cooling capacity	Nom.			kW	9.5 [3]	12.0 [3]	13.4 [3]	6.8 [3]	9.5 [3]	12.0 [3]	13.4 [3]
Heating capacity	Nom.			kW	10.8 [4]	13.5 [4]	15.5 [4]	7.5 [4]	10.8 [4]	13.5 [4]	15.5 [4]
Power input	Cooling	Nom.		kW	2.96	4.27	4.45	2.02	2.49	3.74	4.17
	Heating	Nom.		kW	2.99	3.96	4.54	2.06	2.61	3.65	4.30
EER					3.21	2.81	3.01	3.37	3.81	3.21	
COP					3.61	3.41		3.64	4.14	3.70	3.61
SEER					5.11 [6]	4.31 [6]	-	5.16 [6]	5.59 [6]	4.77 [6]	-
SCOP					3.80 [6]	3.81 [6]	-	3.81 [6]	3.80 [6]	3.85 [6]	-
Annual energy consumption				kWh	1,480	2,135	2,225	1,010	1,245	1,870	2,085
Energy label	Cooling/Heating				A/A	A/B	B/B	A/A			
Casing	Colour				Fresh White			Fresh White			
Dimensions	Unit	HeightxWidthxDepth		mm	1,850x600x350			1,850x600x270	1,850x600x350		
Weight	Unit			kg	47			39	47		
Fan - Air flow rate	Cooling	High/Nom./Low		m^3/min	28/25/22	28/26/24	30/28/26	18/16/14	28/25/22	28/26/24	30/28/26
	Heating	High/Nom./Low		m^3/min	28/25/22	28/26/24	30/28/26	18/16/14	28/25/22	28/26/24	30/28/26
Sound power level	Cooling	High/Nom./Low		dBA	62/59/56	63/60/58	65/63/60	55/53/50	62/59/56	63/60/58	65/63/60
	Heating	High/Nom./Low		dBA	62/59/56	63/60/58	65/63/60	55/53/50	62/59/56	63/60/58	65/63/60
Sound pressure level	Cooling	High/Nom./Low		dBA	50/47/44	51/48/46	53/51/48	43/41/38	50/47/44	51/48/46	53/51/48
	Heating	High/Nom./Low		dBA	50/47/44	51/48/46	53/51/48	43/41/38	50/47/44	51/48/46	53/51/48
Piping connections	Liquid	OD		mm	9.52			9.52			
	Gas	OD		mm	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) Energy label: scale from A (most efficient) to G (less efficient) (2) Annual energy consumption: based on average use of 500 running hours per year at full load (nominal conditions) (3) Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 5m; level difference: 0m (4) Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 5m; level difference: 0m (5) Annual energy consumption is according to Energy labeling directive 2002/31/EC (6) SEER and SCOP are according to EN 14825 (7) Related to 3D076919

OUTDOOR UNIT						RZQSG100LV1	RZQSG125LV1	RZQSG140LV1	RZQG71LY1	RZQG100LY1	RZQG125LY1	RZQG140LY1
Dimensions	Unit	HeightxWidthxDepth			mm	990x940x320		1,430x940x320	990x940x320	1,430x940x320		
Weight	Unit				kg	81		102	80	101		
Fan	Air flow rate	Cooling	Nom.		m^3/min	76	77	83	59	70		84
		Heating	Nom.		m^3/min	83		62	49	62		
Sound power level	Cooling	Nom.			dBA	69	70	69	64	66	67	69
Sound pressure level	Cooling	Nom.			dBA	53/49	54/49	53/49	48	50	51	52
	Heating	Nom.			dBA	57	58	54	50	52	53	
	Night quiet mode	Level 1			dBA	-			43	45		
Compressor	Type					Hermetically sealed swing compressor			Hermetically sealed swing compressor			
Operation range	Cooling	Ambient	Min.~Max.		°CDB	-5.0~46.0			-15.0~50.0			
	Heating	Ambient	Min.~Max.		°CWB	-15.0~15.5			-20.0~15.5			
Refrigerant	Type					R-410A			R-410A			
Piping connections	Liquid	OD			mm	9.52			9.52			
	Gas	OD			mm	15.9			15.9			
	Drain	OD			mm	26			26			
	Additional refrigerant charge				kg/m	See installation manual 4P302555-1			See installation manual 4P302555-1			
	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) PED: assembly = category I : excluded from scope of PED due to article 1, item 3.6 of 97/23/EC (2) 3 with re-charging (3) See separate drawing for electrical data (4) 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 (5) Short-circuit power (5) See separate drawings for electrical data (6) 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. (7) Related to 3D076918

Indoor unit
FVQ-C

Wired remote control
BRC1E52A/B

Outdoor unit
RZQG-L7V1/LY1

In all of us, a green heart

Daikin's unique position as a manufacturer of air conditioning equipment, compressors and refrigerants has led to its close involvement in environmental issues. For several years Daikin has had the intention to become a leader in the provision of products that have limited impact on the environment. This challenge demands the eco design and development of a wide range of products and an energy management system, resulting in energy conservation and a reduction of waste.

Daikin Europe N.V. participates in the Eurovent Certification programme for Air conditioners (AC), Liquid Chilling Packages (LCP) and Fan coil units (FCU). Check ongoing validity of certificate online: www.eurovent-certification.com or using: www.certiflash.com

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