

Air Conditioners

# Heating & Cooling

**SkyAir**

- » 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



# Heating & Cooling



INDOOR UNIT			FVQ71C	FVQ100C	FVQ125C	FVQ140C	FVQ71C	FVQ100C	FVQ125C	FVQ140C	
Cooling capacity	Min./Nom./Max.	kW	-/6.8/-	-/9.5/-	-/12.0/-	-/13.4/-	-/6.8/-	-/9.5/-	-/12.0/-	-/13.4/-	
Heating capacity	Min./Nom./Max.	kW	-/7.5/-	-/10.8/-	-/13.5/-	-/15.5/-	-/7.5/-	-/10.8/-	-/13.5/-	-/15.5/-	
Seasonal efficiency (according to EN14825)	Cooling	Energy label	A		B		A		B		
		Pdesign	6.8		9.5		6.8		9.5		
	SEER	5.16		5.59		5.16		5.59			
	Annual energy consumption	461		595		461		595			
	Heating (Average climate)	Energy label	A		11.3		A		11.3		
Pdesign		6.3		3.81		6.3		3.81			
SCOP		3.81		4.165		3.81		4.165			
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	EER	3.21		3.70		3.21		3.70			
	COP	3.64		4.14		3.64		4.14			
	Annual energy consumption	1,010		1,245		1,010		1,245			
Casing	Colour	Fresh white									
Dimensions	Unit	HeightxWidthxDepth	1,850x600x270			1,850x600x350			1,850x600x350		
Weight	Unit	kg	39			47			47		
Fan - Air flow rate	Cooling	High/Nom./Low	18/16/14		28/25/22		28/26/24		30/28/26		
	Heating	High/Nom./Low	18/16/14		28/25/22		28/26/24		30/28/26		
Sound power level	Cooling	High/Nom./Low	55/53/50		62/59/56		63/60/58		65/63/60		
	Heating	High/Nom./Low	55/53/50		62/59/56		63/60/58		65/63/60		
Sound pressure level	Cooling	High/Nom./Low	43/41/38		50/47/44		51/48/46		53/51/48		
	Heating	High/Nom./Low	43/41/38		50/47/44		51/48/46		53/51/48		
Piping connections	Liquid	OD	9.52								
	Gas	OD	15.9								
Power supply	Phase / Frequency / Voltage	Hz / V	1~ / 50/60 / 220-240/220								

OUTDOOR UNIT			RZQG71LV1	RZQG100LV1	RZQG125LV1	RZQG140LV1	RZQG71LY1	RZQG100LY1	RZQG125LY1	RZQG140LY1	
Dimensions	Unit	HeightxWidthxDepth	990x940x320			1,430x940x320			990x940x320		
Weight	Unit	kg	78			102			80		
Fan - Air flow rate	Cooling	Nom.	59		70		84		59		
	Heating	Nom.	49		62		53		49		
Sound power level	Cooling	Nom.	64		66		67		69		
	Heating	Nom.	48		50		51		52		
Sound pressure level	Cooling	Nom.	50		52		53		50		
	Heating	Nom.	43		45		45		43		
Operation range	Cooling	Ambient	Min.-Max. °CDB				-15.0~-50.0				
	Heating	Ambient	Min.-Max. °CWB				-20.0~-15.5				
Refrigerant	Type/GWP	R-410A/1,975									
Piping connections	Piping length	OU - IU	Max. m		75		50		75		
		System Equivalent	m		70		70		90		
	Level difference	IU - OU	Max. m		30.0		0.5				
Power supply	Phase / Frequency / Voltage	Hz / V	1~ / 50 / 220-240			3N~ / 50 / 380-415					
	Maximum fuse amps (MFA)	A	20			32			16		

INDOOR UNIT			FVQ71C	FVQ100C	FVQ125C	FVQ140C	FVQ100C	FVQ125C	FVQ140C		
Cooling capacity	Min./Nom./Max.	kW	-/6.8/-	-/9.5/-	-/12.0/-	-/13.4/-	-/9.5/-	-/12.0/-	-/13.4/-		
Heating capacity	Min./Nom./Max.	kW	-/7.5/-	-/10.8/-	-/13.5/-	-/15.5/-	-/10.8/-	-/13.5/-	-/15.5/-		
Seasonal efficiency (according to EN14825)	Cooling	Energy label	A		C		A		C		
		Pdesign	6.8		9.5		6.8		9.5		
	SEER	5.11		4.31		5.11		4.31			
	Annual energy consumption	466		651		466		651			
	Heating (Average climate)	Energy label	A		7.6		A		7.6		
Pdesign		6.0		3.81		6.0		3.81			
SCOP		3.81		4.165		3.81		4.165			
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	EER	3.21		3.70		3.21		3.70			
	COP	3.61		4.14		3.61		4.14			
	Annual energy consumption	1,059		1,480		1,059		1,480			
Casing	Colour	Fresh white									
Dimensions	Unit	HeightxWidthxDepth	1,850x600x270			1,850x600x350			1,850x600x350		
Weight	Unit	kg	39			47			47		
Fan - Air flow rate	Cooling	High/Nom./Low	18/16/14		28/25/22		28/26/24		30/28/26		
	Heating	High/Nom./Low	18/16/14		28/25/22		28/26/24		30/28/26		
Sound power level	Cooling	High/Nom./Low	55/53/50		62/59/56		63/60/58		65/63/60		
	Heating	High/Nom./Low	55/53/50		62/59/56		63/60/58		65/63/60		
Sound pressure level	Cooling	High/Nom./Low	43/41/38		50/47/44		51/48/46		53/51/48		
	Heating	High/Nom./Low	43/41/38		50/47/44		51/48/46		53/51/48		
Piping connections	Liquid	OD	9.52								
	Gas	OD	15.9								
Power supply	Phase / Frequency / Voltage	Hz / V	1~ / 50/60 / 220-240/220								

OUTDOOR UNIT			RZQSG71LV1	RZQSG100LV1	RZQSG125LV1	RZQSG140LV1	RZQSG100LY1	RZQSG125LY1	RZQSG140LY1		
Dimensions	Unit	HeightxWidthxDepth	770x900x320			990x940x320			1,430x940x320		
Weight	Unit	kg	67			81			102		
Fan - Air flow rate	Cooling	Nom.	52		76		77		83		
	Heating	Nom.	48		83		62		83		
Sound power level	Cooling	Nom.	65		69		70		69		
	Heating	Nom.	49/47		53/49		54/49		53/49		
Sound pressure level	Cooling	Nom./Silent operation	49/47		57		58		54		
	Heating	Nom.	51		57		58		54		
Operation range	Cooling	Ambient	Min.-Max. °CDB				-5.0~-46.0				
	Heating	Ambient	Min.-Max. °CWB				-15.0~-15.5				
Refrigerant	Type/GWP	R-410A/1,975									
Piping connections	Piping length	OU - IU	Max. m		30		50		30		
		System Equivalent	m		40		70		30.0		
	Level difference	IU - OU	Max. m		15		0.5				
Power supply	Phase / Frequency / Voltage	Hz / V	1~ / 50 / 220-240			3N~ / 50 / 380-415					
	Maximum fuse amps (MFA)	A	20			32			20		

(1) EER/COP according to Eurovent 2012



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](http://www.eurovent-certification.com) or using: [www.certiflash.com](http://www.certiflash.com)

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