

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		4.77		5.16		4.77		
	Heating (Average climate)	Annual energy consumption	kWh	461		595		461		595	
		Energy label	A		11.3		A		11.3		
		Pdesign	6.3		3.85		6.3		3.85		
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	Annual energy consumption	Energy label	2,326		4,165		2,326		4,165		
		SCOP	3.81		3.80		3.81		3.80		
		Annual energy consumption	kWh	2,326		4,165		2,326		4,165	
EER	COP	Annual energy consumption	3.64		4.14		3.64		4.14		
			3.70		3.61		3.70		3.61		
Casing	Colour	Unit	1,850x600x270		1,850x600x350		1,850x600x270		1,850x600x350		
			Unit	mm		mm		mm		mm	
Dimensions	Unit	HeightxWidthxDepth	mm		mm		mm		mm		
			Weight	kg		kg		kg		kg	
Fan - Air flow rate	Cooling	High/Nom./Low	m³/min		m³/min		m³/min		m³/min		
			Heating	m³/min		m³/min		m³/min		m³/min	
Sound power level	Cooling	High/Nom./Low	dB(A)		dB(A)		dB(A)		dB(A)		
			Heating	dB(A)		dB(A)		dB(A)		dB(A)	
Sound pressure level	Cooling	High/Nom./Low	dB(A)		dB(A)		dB(A)		dB(A)		
			Heating	dB(A)		dB(A)		dB(A)		dB(A)	
Piping connections	Liquid	OD	mm		mm		mm		mm		
			Gas	mm		mm		mm		mm	
Power supply	Phase / Frequency / Voltage	Hz / V	1~ / 50/60 / 220-240/220		1~ / 50/60 / 220-240/220		1~ / 50/60 / 220-240/220		1~ / 50/60 / 220-240/220		

OUTDOOR UNIT			RZQG71LV1	RZQG100LV1	RZQG125LV1	RZQG140LV1	RZQG71LY1	RZQG100LY1	RZQG125LY1	RZQG140LY1
Dimensions	Unit	HeightxWidthxDepth	990x940x320		1,430x940x320		990x940x320		1,430x940x320	
Weight	Unit	kg	78		102		80		101	
			78		102		80		101	
Fan - Air flow rate	Cooling	Nom.	m³/min		m³/min		m³/min		m³/min	
			Heating	m³/min		m³/min		m³/min		m³/min
Sound power level	Cooling	Nom.	dB(A)		dB(A)		dB(A)		dB(A)	
			Heating	dB(A)		dB(A)		dB(A)		dB(A)
Sound pressure level	Cooling	Nom.	dB(A)		dB(A)		dB(A)		dB(A)	
			Heating	dB(A)		dB(A)		dB(A)		dB(A)
Operation range	Cooling	Ambient	Min.-Max. °CDB		Min.-Max. °CDB		Min.-Max. °CDB		Min.-Max. °CDB	
			Heating	Min.-Max. °CWB		Min.-Max. °CWB		Min.-Max. °CWB		Min.-Max. °CWB
Refrigerant	Type/GWP	Piping length	OU - IU		OU - IU		OU - IU		OU - IU	
			System	Equivalent		Equivalent		Equivalent		Equivalent
Piping connections	Level difference	IU - OU	Max. m		Max. m		Max. m		Max. m	
			IU - IU	Max. m		Max. m		Max. m		Max. m
Power supply	Phase / Frequency / Voltage	Hz / V	1~ / 50 / 220-240		1~ / 50 / 220-240		1~ / 50 / 220-240		1~ / 50 / 220-240	
			Current - 50Hz	Maximum fuse amps (MFA)		Maximum fuse amps (MFA)		Maximum fuse amps (MFA)		Maximum fuse amps (MFA)

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		
	Heating (Average climate)	Annual energy consumption	kWh	466		651		466		651	
		Energy label	A		7.6		A		7.6		
		Pdesign	6.0		3.81		6.0		3.81		
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	Annual energy consumption	Energy label	2,202		2,790		2,202		2,790		
		SCOP	3.21		2.81		3.21		2.81		
		Annual energy consumption	kWh	2,202		2,790		2,202		2,790	
EER	COP	Annual energy consumption	3.61		3.41		3.61		3.41		
			3.70		3.61		3.70		3.61		
Casing	Colour	Unit	1,850x600x270		1,850x600x350		1,850x600x270		1,850x600x350		
			Unit	mm		mm		mm		mm	
Dimensions	Unit	HeightxWidthxDepth	mm		mm		mm		mm		
			Weight	kg		kg		kg		kg	
Fan - Air flow rate	Cooling	High/Nom./Low	m³/min		m³/min		m³/min		m³/min		
			Heating	m³/min		m³/min		m³/min		m³/min	
Sound power level	Cooling	High/Nom./Low	dB(A)		dB(A)		dB(A)		dB(A)		
			Heating	dB(A)		dB(A)		dB(A)		dB(A)	
Sound pressure level	Cooling	High/Nom./Low	dB(A)		dB(A)		dB(A)		dB(A)		
			Heating	dB(A)		dB(A)		dB(A)		dB(A)	
Piping connections	Liquid	OD	mm		mm		mm		mm		
			Gas	mm		mm		mm		mm	
Power supply	Phase / Frequency / Voltage	Hz / V	1~ / 50/60 / 220-240/220		1~ / 50/60 / 220-240/220		1~ / 50/60 / 220-240/220		1~ / 50/60 / 220-240/220		

OUTDOOR UNIT			RZQSG71LV1	RZQSG100LV1	RZQSG125LV1	RZQSG140LV1	RZQSG100LY1	RZQSG125LY1	RZQSG140LY1	
Dimensions	Unit	HeightxWidthxDepth	770x900x320		990x940x320		990x940x320		1,430x940x320	
Weight	Unit	kg	67		81		82		101	
			67		81		82		101	
Fan - Air flow rate	Cooling	Nom.	m³/min		m³/min		m³/min		m³/min	
			Heating	m³/min		m³/min		m³/min		m³/min
Sound power level	Cooling	Nom.	dB(A)		dB(A)		dB(A)		dB(A)	
			Heating	dB(A)		dB(A)		dB(A)		dB(A)
Sound pressure level	Cooling	Nom./Silent operation	dB(A)		dB(A)		dB(A)		dB(A)	
			Heating	dB(A)		dB(A)		dB(A)		dB(A)
Operation range	Cooling	Ambient	Min.-Max. °CDB		Min.-Max. °CDB		Min.-Max. °CDB		Min.-Max. °CDB	
			Heating	Min.-Max. °CWB		Min.-Max. °CWB		Min.-Max. °CWB		Min.-Max. °CWB
Refrigerant	Type/GWP	Piping length	OU - IU		OU - IU		OU - IU		OU - IU	
			System	Equivalent		Equivalent		Equivalent		Equivalent
Piping connections	Level difference	IU - OU	Max. m		Max. m		Max. m		Max. m	
			IU - IU	Max. m		Max. m		Max. m		Max. m
Power supply	Phase / Frequency / Voltage	Hz / V	1~ / 50 / 220-240		1~ / 50 / 220-240		1~ / 50 / 220-240		1~ / 50 / 220-240	
			Current - 50Hz	Maximum fuse amps (MFA)		Maximum fuse amps (MFA)		Maximum fuse amps (MFA)		Maximum fuse amps (MFA)

(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 or using: www.certiflash.com

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