

Air conditioners

Heating & Cooling

SkyAir
VRV

- » **Ideal solution for commercial spaces with no or narrow false ceilings**
- » **Easy installation in corners and narrow spaces**
- » **Low energy consumption**
- » **Discharge angle up to 100°**
- » **Designed for high ceilings**

Ceiling suspended unit



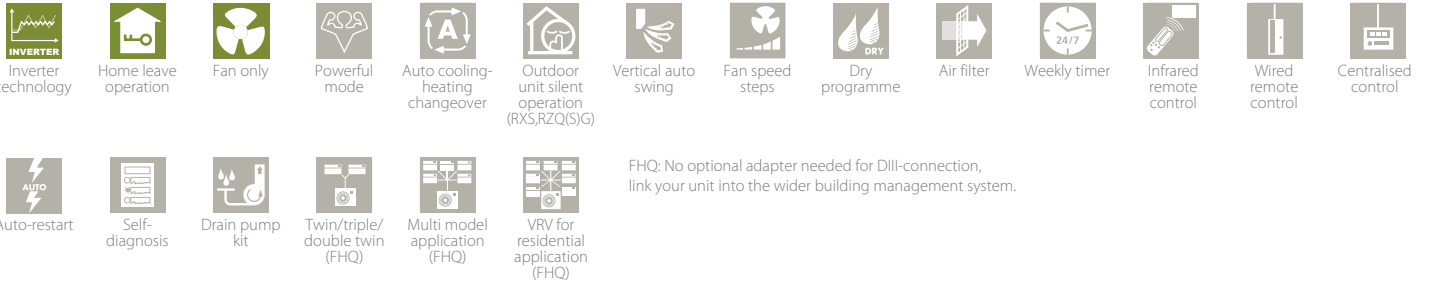
www.daijin.eu



FHQ-C / FXHQ-A



Replacement technology



FHQ: No optional adapter needed for DIII-connection, link your unit into the wider building management system.



Fully integrated solutions for medium to large commercial environments.

INDOOR UNIT				FXHQ32A	FXHQ63A	FXHQ100A
Cooling capacity	Nom.		kW	3.6	7.1	11.2
Heating capacity	Nom.		kW	4.0	8.0	12.5
Power input - 50Hz	Cooling	Nom.	kW	0.107	0.111	0.237
	Heating	Nom.	kW	0.107	0.111	0.237
Casing Colour				Fresh White		
Dimensions	Unit	HeightxWidthxDepth	mm	235x960x690	235x1,270x690	235x1,590x690
Weight	Unit		kg	24	33	39
Fan-Air flow rate - 50Hz	Cooling	High/Nom./Low	m ³ /min	14.0/12.0/10.0	20.0/17.0/14.0	29.5/24.0/19.0
	Heating	High/Nom./Low	m ³ /min	14.0/12.0/10.0	20.0/17.0/14.0	29.5/24.0/19.0
Sound power level	Cooling	Nom.	dB(A)	-	-	-
Sound pressure level	Cooling	High/Nom./Low	dB(A)	36.0/34.0/31.0	37.0/35.0/34.0	44.0/37.0/34.0
	Heating	High/Nom./Low	dB(A)	36.0/34.0/31.0	37.0/35.0/34.0	44.0/37.0/34.0
Refrigerant	Type			R-410A		
Piping connections	Liquid/OD/Gas/OD/Drain			6.35/12.7/VP20 (I.D. 20/O.D. 26)		
Power supply	Phase/Frequency/Voltage			1~/50/220-240		
Current - 50Hz	Maximum fuse amps (MFA)			16		

Heating & Cooling



Perfect for light commercial applications

INDOOR UNIT				FHQ35C	FHQ50C	FHQ60C
Cooling capacity	Nom.		kW	3.4	5.0	5.7
Heating capacity	Nom.		kW	4.0	6.0	7.2
Seasonal efficiency (according to EN14825)	Cooling	Energy label		B		
		Pdesign	kW	3.40	5.00	7.20
		SEER		4.89	5.48	5.54
	Heating (Average climate)	Energy label		A		
		Pdesign	kW	3.10	4.35	5.07
		SCOP		3.98	3.74	3.50
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	Annual energy consumption		kWh	1,090	1,627	2,026
	Energy label	Cooling		A	B	A
		Heating		A		C
Casing				Fresh White		
Material				Resin, sheet metal		
Dimensions	Unit	HeightxWidthxDepth	mm	235x960x690		
Weight	Unit		kg	24	25	31
Fan - Air flow rate	Cooling	High/Nom./Low	m ³ /min	14/11.5/10	15/12/10	19.5/15/11.5
	Heating	High/Nom./Low	m ³ /min	14/11.5/10	15/12/10	19.5/15/11.5
Sound power level	Cooling	High/Nom./Low	dB(A)	53/51/48	54/52/49	54/52/50
	Heating	High/Nom./Low	dB(A)	53/51/48	54/52/49	54/52/50
Sound pressure level	Cooling	High/Nom./Low	dB(A)	36/34/31	37/35/32	37/35/33
	Heating	High/Nom./Low	dB(A)	36/34/31	37/35/32	37/35/33
Piping connections	Liquid	OD	mm		6.35	
	Gas	OD	mm	9.5		12.7
	Drain	OD	mm			
	Power supply			Phase / Frequency / Voltage		
				1~ / 50/60 / 220-240/220		

(1) EER/COP according to Eurovent 2012

OUTDOOR UNIT				RXS35K	RXS50K	RXS60F
Dimensions	Unit	HeightxWidthxDepth	mm	550x765x285	735x825x300	
Weight	Unit		kg	34	47	48
Compressor	Type			Hermetically sealed swing compressor		
Sound power level	Cooling	High	dB(A)	63		
Sound pressure level	Cooling	High/Silent operation	dB(A)	48/44		49/46
	Heating	High/Silent operation	dB(A)	48/45		49/46
Operation range	Cooling	Ambient	Min.-Max. °CDB	-10~-46		
	Heating	Ambient	Min.-Max. °CWB	-15~-18		
Refrigerant	Type			R-410A		
Piping connections	GWP			1,975		
	Liquid	OD	mm	6.35		
	Gas	OD	mm	9.5	12.7	
	Drain	OD	mm	18		
	Piping length	OU - IU	Max.	m	20	
Level difference	IU - OU	Max.	m	15		
Power supply	Phase / Frequency / Voltage			1~ / 50 / 220-240		

Europe's new energy label: raising the bar on energy efficiency



To realise its challenging 20-20-20 environmental goals, Europe is imposing minimum efficiency requirements for energy related projects. These minimum requirements come into effect on 1 January 2013, and will be revised upward in subsequent years.

Not only does the Eco-Design Directive systematically raise the minimum requirements with respect to environmental performance, the method used to measure this performance has also been changed to better reflect real-life conditions. The new seasonal performance rating provides a much more accurate picture of actual expected energy efficiency over an entire heating or cooling season.

Completing the picture is a new energy label for EU. The present label, introduced in 1992 and modified in the meantime, allows consumers to compare and make purchasing decisions based on uniform labelling criteria. The new label includes multiple classifications from A+++ to D reflected in colour shadings ranging from dark green (most energy efficient) to red (least efficient). Information on the new label includes not only the new seasonal efficiency ratings for heating (SCOP) and cooling (SEER), but also annual energy consumption and sound levels. It will allow end-users to make even better informed choices, since seasonal efficiency reflects air conditioner or heat pump efficiency over an entire season.



Heating & Cooling

SkyAir Perfect for light commercial applications

Seasonal Smart

INDOOR UNIT				FHQ71C	FHQ100C	FHQ125C	FHQ140C	FHQ71C	FHQ100C	FHQ125C	FHQ140C
Cooling capacity	Nom.		kW	6.8	9.5	12.0	13.4	6.8	9.5	12.0	13.4
Heating capacity	Nom.		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++				A+			
		Pdesign	kW	6.80	9.50	12.00	-	6.80	9.50	12.00	-
		SEER		6.95	6.11	6.01	-	6.95	6.11	6.01	-
	Heating (Average climate)	Annual energy consumption	kWh	342	544	698	-	342	544	698	-
		Energy label		A+				A++			
		Pdesign	kW	7.60	11.30	14.13	-	7.60	11.30	14.13	-
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	EER			3.82	4.13	3.52	3.31	3.82	4.13	3.52	3.31
		COP		4.13	4.42	3.89	3.63	4.13	4.42	3.89	3.63
	Annual energy consumption	kWh	890	1,245	1,790	2,025	890	1,245	1,790	2,025	
	Energy label	Cooling		A				A			
		Heating		A				A			
	Casing	Colour	Fresh White								
	Material	Resin, sheet metal									
Dimensions	Unit	HeightxWidthxDepth	mm	235x1,270x690				235x1,270x690			
Weight	Unit		kg	32				38			
Fan - Air flow rate	Cooling	High/Nom./Low	m ³ /min	20.5/17/14	28/24/20	31/27/23	34/29/24	20.5/17/14	28/24/20	31/27/23	34/29/24
	Heating	High/Nom./Low	m ³ /min	20.5/17/14	28/24/20	31/27/23	34/29/24	20.5/17/14	28/24/20	31/27/23	34/29/24
Sound power level	Cooling	High/Nom./Low	dBA	55/53/51	60/56/52	62/59/55	64/60/56	55/53/51	60/56/52	62/59/55	64/60/56
	Heating	High/Nom./Low	dBA	55/53/51	60/56/52	62/59/55	64/60/56	55/53/51	60/56/52	62/59/55	64/60/56
Sound pressure level	Cooling	High/Nom./Low	dBA	38/36/34	42/38/34	44/41/37	46/42/38	38/36/34	42/38/34	44/41/37	46/42/38
	Heating	High/Nom./Low	dBA	38/36/34	42/38/34	44/41/37	46/42/38	38/36/34	42/38/34	44/41/37	46/42/38
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) EER/COP according to Eurovent 2012

OUTDOOR UNIT				RZQG71L8V1	RZQG100L8V1	RZQG125L8V1	RZQG140L7V1	RZQG71L8Y1	RZQG100L8Y1	RZQG125L8Y1	RZQG140L1Y1			
Dimensions	Unit	HeightxWidthxDepth	mm	990x940x320				1,430x940x320						
Weight	Unit		kg	78				102						
Compressor	Type	Hermetically sealed swing compressor												
Sound power level	Cooling	Nom.	dBA	64	66	67	69	64	66	67	69			
	Heating	Nom.	dBA	48	50	51	52	48	50	51	52			
Sound pressure level	Heating	Nom.	dBA	50	52	53	53	50	52	53	53			
	Night quiet mode	Level 1	dBA	43	45				43	45				
Operation range	Cooling	Ambient	Min.~Max.	-15~50				-15~50						
	Heating	Ambient	Min.~Max.	-20~15.5				-20~15.5						
Refrigerant	Type	R-410A												
	GWP	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	50	75				50	75			
	System	Equivalent	m	70	90				70	90				
	Additional refrigerant charge		kg/m	See installation manual										
	Level difference	IU - OU	Max.	30.0										
		IU - IU	Max.	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) 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

INDOOR UNIT			FHQ71C	FHQ100C	FHQ125C	FHQ140C	FHQ100C	FHQ125C	FHQ140C	
Cooling capacity	Nom.	kW	6.8	9.5	12.0	13.4	9.5	12.0	13.4	
Heating capacity	Nom.	kW	7.5	10.8	13.5	15.5	10.8	13.5	15.5	
Seasonal efficiency (according to EN14825)	Cooling	Energy label	A+		A+		A+		-	
		Pdesign	6.80	9.50	12.00	-	9.50	12.00	-	
		SEER	5.61		5.61		5.61		-	
	Heating (Average climate)	Annual energy consumption	kWh	424	592	748	-	592	748	-
		Energy label	A		A+		A		A+	
		Pdesign	kW	7.60		7.60		7.60		-
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	EER	COP	3.46	3.21	2.89	3.01	3.21	2.89	3.01	
		COP	4.00	3.61	3.62	3.41	3.61	3.62	3.41	
	Annual energy consumption	kWh	983	1,480	2,075	2,225	1,480	2,075	2,225	
		Energy label	Cooling	A		C		A		C
Casing	Colour	Fresh White								
	Material	Resin, sheet metal								
Dimensions	Unit	HeightxWidthxDepth	mm	235x1,270x690		235x1,590x690		235x1,590x690		
Weight	Unit		kg	32		38		38		
Fan - Air flow rate	Cooling	High/Nom./Low	m³/min	20.5/17/14	28/24/20	31/27/23	34/29/24	28/24/20	31/27/23	34/29/24
	Heating	High/Nom./Low	m³/min	20.5/17/14	28/24/20	31/27/23	34/29/24	28/24/20	31/27/23	34/29/24
Sound power level	Cooling	High/Nom./Low	dBA	55/53/51	60/56/52	62/59/55	64/60/56	60/56/52	62/59/55	64/60/56
	Heating	High/Nom./Low	dBA	55/53/51	60/56/52	62/59/55	64/60/56	60/56/52	62/59/55	64/60/56
Sound pressure level	Cooling	High/Nom./Low	dBA	38/36/34	42/38/34	44/41/37	46/42/38	42/38/34	44/41/37	46/42/38
	Heating	High/Nom./Low	dBA	38/36/34	42/38/34	44/41/37	46/42/38	42/38/34	44/41/37	46/42/38
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~ / 50/60 / 220-240/220		

(1) EER/COP according to Eurovent 2012

OUTDOOR UNIT				RZQSG71L3V1	RZQSG100L8V1	RZQSG125L8V1	RZQSG140LV1	RZQSG100L8Y1	RZQSG125L8Y1	RZQSG140LY1	
Dimensions	Unit	HeightxWidthxDepth	mm	770x900x320		990x940x320		1,430x940x320		990x940x320	
Weight	Unit		kg	67		81		102		82	
Compressor	Type	Hermetically sealed swing compressor									
Sound power level	Cooling	Nom.	dBA	65	69	70	69	69	70	69	
	Heating	Nom./Silent operation	dBA	49/47	53/49	54/49	53/49	53	54	53/-	
Sound pressure level	Cooling	Nom.	dBA	51	57	58	54	57	58	54	
	Heating	Nom.	dBA	51	57	58	54	57	58	54	
Operation range	Night quiet mode	Level 1	dBA	-		-		49		49	
	Cooling	Ambient	Min.~Max.	°CDB		-5~46		-5~46		-5~46	
Refrigerant	Heating	Ambient	Min.~Max.	°CWB		-15~15.5		-15~15.5		-15~15.5	
	Type	R-410A									
Piping connections	GWP	1,975									
	Liquid	OD	mm	9.52		9.52		9.52		9.52	
	Gas	OD	mm	15.9		15.9		15.9		15.9	
	Drain	OD	mm	26		26		26		26	
	Piping length	OU - IU	Max.	m	30	50		50		50	
		System	Equivalent	m	40	70		70		70	
Additional refrigerant charge	Level difference	IU - OU	Max.	kg/m		See installation manual		See installation manual		See installation manual	
	IU - IU	Max.	m	15	30		30		30		
Power supply	Phase / Frequency / Voltage	Hz / V	1~ / 50 / 220-240		1~ / 50 / 220-240		1~ / 50 / 220-240		3N~ / 50 / 380-415		
Fan	-										

(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.



FHQ-C



BRC1E52A/B BRC7GA53



RZQG100-125L8V1/L8Y1
RZQG140LV1/LY1

The present leaflet is drawn up by way of information only and does not constitute an offer binding upon Daikin Europe N.V. Daikin Europe N.V. has compiled the content of this leaflet to the best of its knowledge. No express or implied warranty is given for the completeness, accuracy, reliability or fitness for particular purpose of its content and the products and services presented therein. Specifications are subject to change without prior notice. Daikin Europe N.V. explicitly rejects any liability for any direct or indirect damage, in the broadest sense, arising from or related to the use and/or interpretation of this leaflet. All content is copyrighted by Daikin Europe N.V.



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

FSC

ECPEN13-113A

Продуктите на **DAIKIN** можете да намерите при:



Софклима БГ ООД
гр. София, жк. Стрелбище, ул. Боровец 11 - партер
тел.: 02/955 01 01, e-mail: office@daikin-sofclima.com,

www.daikin-sofclima.com, www.sofclima.com