



Air conditioners

# Heating & Cooling

**SkyAir**

Ceiling suspended unit

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



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SEER up to **A<sup>+</sup>**

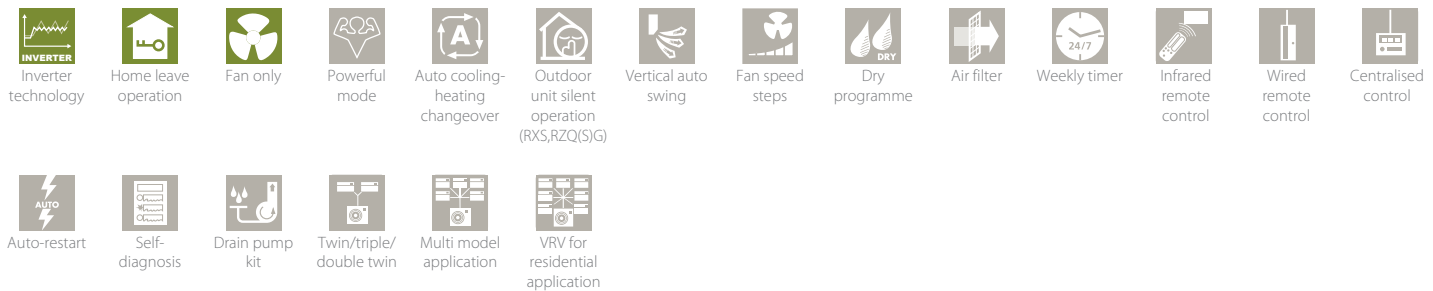
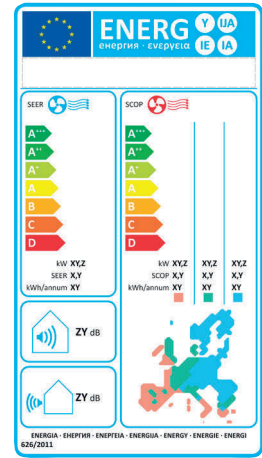
FHQ-C



Replacement technology

# Europe's energy label: raising the bar on energy efficiency.

To inform consumers concerning energy performance standards, Europe has introduced a new energy label. This label allows end-users to make even better informed choices, since seasonal efficiency reflects air conditioner efficiency over an entire season. The energy label includes multiple classifications from A+++ to D. Information includes not only seasonal efficiency ratings for heating (SCOP) and cooling (SEER), but also annual energy consumption and sound levels.



## Heating & Cooling

**SkyAir** Perfect for light commercial applications

INDOOR UNIT				FHQ35C	FHQ50C	FHQ60C	
Cooling capacity	Min./Nom./Max.		kW	1.4/3.40/4.0	1.7/5.0/5.3	1.7/5.7/5.7	
Heating capacity	Min./Nom./Max.		kW	1.3/4.00/5.1	1.7/6.0/6.0	1.7/7.20/7.2	
Power input	Cooling	Min./Nom./Max.	kW	0.410/0.950/1.490	-/1.570/-	-/1.750/-	
	Heating	Min./Nom./Max.	kW	0.270/0.980/1.980	-/1.790/-	-/2.170/-	
Seasonal efficiency (according to EN14825)	Cooling	Energy label		A++		A+	
		Pdesign	kW	3.40	5.00	5.70	
		SEER		6.18	5.87	6.02	
	Heating (Average climate)	Annual energy consumption	kWh	193	298	332	
		Energy label		A+		A	
		Pdesign	kW	3.10	4.35	4.71	
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	EER			3.58	3.18	3.26	
		COP		4.08	3.35	3.32	
	Annual energy consumption		kWh	475	785	875	
	Energy label	Cooling/Heating		A/A	B/C	A/C	
Casing	Colour	Fresh White					
Dimensions	Unit	HeightxWidthxDepth	mm	235x960x690		235x1,270x690	
Weight	Unit	kg					24
Fan - Air flow rate	Cooling	High/Nom./Low	m³/min	14/11.5/10	15/12/10	19.5/15/11.5	
	Heating	High/Nom./Low	m³/min	14/11.5/10	15/12/10	19.5/15/11.5	
Sound power level	Cooling		dBA	53		54	
	Heating		dBA	53		54	
Sound pressure level	Cooling	High/Nom./Low	dBA	36/34/31	37/35/32	37/35/33	
	Heating	High/Nom./Low	dBA	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	VP20			
Power supply	Phase / Frequency / Voltage	Hz / V					1~ / 50/60 / 220-240/220

OUTDOOR UNIT				RXS35K	RXS50K	RXS60F	
Dimensions	Unit	HeightxWidthxDepth	mm	550x765x285	735x825x300		
Weight	Unit	kg					34
Fan - Air flow rate	Cooling	High/Super low	m³/min	36.0/30.1	50.9/48.9	50.2/45.0	
	Heating	High/Super low	m³/min	28.3/25.6	45.0/43.1	46.3/46	
Sound power level	Cooling		dBA	61		62	
	Heating		dBA	61		62	
Sound pressure level	Cooling	High/Low/Silent operation	dBA	48/-/44	48/44/-	49/46/-	
	Heating	High/Low/Silent operation	dBA	48/-/45	48/45/-	49/46/-	
Operation range	Cooling	Ambient Min.-Max.	°CDB	-10~46			
	Heating	Ambient Min.-Max.	°CWB	-15~-18			
Refrigerant	Type/GWP	R-410A/1,975					
Piping connections	Piping length	OU - IU	Max.	20	30		
	Level difference	IU - OU	Max.	15	20.0		
Power supply	Phase / Frequency / Voltage	Hz / V					1~ / 50 / 220-240
Current - 50Hz	Maximum fuse amps (MFA)	A					-

(1) EER/COP according to Eurovent 2012, for use outside EU only



FHQ-C



BRC1E52A/B (optional) BRC7GA53 (optional)



RZQSG100-140L8/L7V1/L(8)Y1

## Heating & Cooling



Perfect for light commercial applications



INDOOR UNIT				FHQ71C	FHQ100C	FHQ125C	FHQ140C	FHQ100C	FHQ125C	FHQ140C	
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/-	
Power input	Cooling	Nom.	kW	1.97	2.96	4.15	4.45	2.96	4.15	4.45	
	Heating	Nom.	kW	1.88	2.99	3.73	4.54	2.99	3.73	4.54	
Seasonal efficiency (according to EN14825)	Cooling	Energy label		A+			-		A+		-
		Pdesign	kW	6.80	9.50	12.00	-		9.50	12.00	-
		SEER		5.61			-		5.61		-
	Annual energy consumption		kWh	424	592	748	-		592	748	-
	Heating (Average climate)	Energy label		A			A+		A		A+
		Pdesign	kW	7.60			-		7.60		-
SCOP			3.91			-		3.91		4.01	
Annual energy consumption		kWh	2,727	2,721	2,653	-		2,721	2,653	-	
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	EER			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	985	1,480	2,075	2,225	1,480	2,075	2,225	
Energy label		Cooling/Heating	A/A			C/A		A/A		C/A	
Casing	Colour		Fresh White								
Dimensions	Unit	HeightxWidthxDepth	mm	235x1,270x690			235x1,590x690				
Weight	Unit		kg	38							
Fan - Air flow rate	Cooling	High/Nom./Low	m <sup>3</sup> /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	m <sup>3</sup> /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		dB(A)	55	60	62	64	60	62	64	
	Heating		dB(A)	55	60	62	64	60	62	64	
Sound pressure level	Cooling	High/Nom./Low	dB(A)	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	dB(A)	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							
	Gas	OD	mm	15.9							
Power supply	Phase / Frequency / Voltage		Hz / V	1 ~ / 50/60 / 220-240/220							

OUTDOOR UNIT				RZQSG71L3V1	RZQSG100L8V1	RZQSG125L8V1	RZQSG140L1V1	RZQSG100L8Y1	RZQSG125L8Y1	RZQSG140LY1		
Dimensions	Unit	HeightxWidthxDepth	mm	770x900x320	990x940x320		1,430x940x320	990x940x320		1,430x940x320		
Weight	Unit		kg	67	81		102	82		101		
Fan - Air flow rate	Cooling	Nom.	m <sup>3</sup> /min	52	76	77	83	76	77	83		
	Heating	Nom.	m <sup>3</sup> /min	48	83		62	83		62		
Sound power level	Cooling		dB(A)	65	69	70	69		70	69		
Sound pressure level	Cooling	Nom./Silent operation	dB(A)	49/47	53/49	54/49	53/49	53/-	54/-	53/-		
	Heating	Nom.	dB(A)	51	57	58	54	57	58	54		
Night quiet mode		Level 1	dB(A)	-								
Operation range	Cooling	Ambient	Min.-Max. °CDB	-15~46								
	Heating	Ambient	Min.-Max. °CWB	-15~15.5								
Refrigerant	Type/GWP			R-410A/1,975								
Piping connections	Piping length	OU - IU	Max. m	50								
		System Equivalent	m	40	70							
	Level difference	IU - OU	Max. m	30								
		IU - IU	Max. m	0.5								
Power supply	Phase / Frequency / Voltage		Hz / V	1 ~ / 50 / 220-240				3N ~ / 50 / 380-415				
Current - 50Hz	Maximum fuse amps (MFA)		A	20	32				20			

(1) EER/COP according to Eurovent 2012, for use outside EU only



Daikin has a worldwide reputation based on 90 years' experience in the successful manufacture of high quality air conditioning equipment for residential, commercial and industrial use and 56 years as a leader in heat pump technology.

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ECPEN14-113

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ECPEN14-113 - XXX-02/14-Copyright Daikin  
 The present publication supersedes ECPEN13-113  
 Printed on non-chlorinated paper. Prepared by La Movidia, Belgium  
 Resp. Ed.: Daikin Europe N.V., Zanaboksestraat 300, B-8400 Oostende