

Air conditioners

Heating & Cooling

SkyAir
VRV

- » **Unique in the industry**
- » **Ideal solution for commercial spaces with no or narrow false ceilings**
- » **Low energy consumption**
- » **Automatic air flow adjustment**
- » **Flexibility to suit any room layout**
- » **Designed for high ceilings**

4-way blow ceiling suspended unit



www.daikin.eu



FUQ-C / FXUQ-A




















Replacement technology



Made by Daikin: unique product and world-famous for efficiency

By purchasing a Daikin heat pump, you are taking the right step towards a comfortable indoor climate today. Advanced climate systems in modern office buildings, shops, hotels and restaurants are not a luxury anymore. Daikin heat pump systems provide an indoor climate that is comfortable for your customers in any season. In other words, employees who are more productive and who have fewer health problems, but also customers who spend more time in your business and gladly come back.

Daikin's 4-way blow ceiling suspended unit is a unique product - a system that can be installed under the ceiling in rooms that have solid ceilings or narrow voids that may prevent a traditional cassette being installed. They are designed for rooms with high ceilings and can be linked to a wider building management system without requiring additional adapters. A flexible solution for specific requirements when it comes to comfortable environment and energy efficient systems.

-  Inverter technology
 -  Home leave operation
 -  Fan only
 -  Draught prevention
 -  Auto cooling-heating changeover
 -  Vertical auto swing
 -  Fan speed 3 steps
 -  Dry programme
 -  Air filter
 -  Weekly timer
 -  Infrared remote control
 -  Wired remote control
 -  Centralised control
 -  Auto-restart
 -  Self-diagnosis
 -  Drain pump kit (standard)
 -  Twin/triple/double twin application (FUQ)
- FUQ: 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				FXUQ71A	FXUQ100A
Cooling capacity	Nom.		kW	8.0	11.2
Heating capacity	Nom.		kW	9.0	12.5
Power input - 50Hz	Cooling	Nom.	kW	0.090	0.200
	Heating	Nom.	kW	0.073	0.179
Casing Colour				Fresh white (6.5Y 9.5/0.5)	Fresh white (6.5Y 9.5/0.5)
Dimensions	Unit	HeightxWidthxDepth	mm	198x950x950	198x950x950
Weight	Unit		kg	26	27
Fan-Air flow rate - 50Hz	Cooling	High/Nom./Low	m ³ /min	22.5/19.5/16	31/26/21
	Heating	High/Nom./Low	m ³ /min	22.5/19.5/16	31/26/21
Sound power level	Cooling	Nom.	dBA	-	-
Sound pressure level	Cooling	High/Nom./Low	dBA	40/38/36	47/44/40
	Heating	High/Nom./Low	dBA	40/38/36	47/44/40
Refrigerant	Type			R-410A	R-410A
Piping connections	Liquid/OD/Gas/OD/Drain		mm	9.52/15.9/VP20 (I.D. 20/O.D. 26)	9.52/15.9/VP20 (I.D. 20/O.D. 26)
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220	1~/50/60/220-240/220
Current - 50Hz	Maximum fuse amps (MFA)		A	16	16

Separate BEVQ box is no longer needed: the expansion valve is integrated in the indoor unit



FXUQ-A



BRC1E52A/B BRC7CB528

Heating & Cooling

SkyAir Perfect for light commercial applications

Seasonal Smart



INDOOR UNIT				FUQ71C	FUQ100C	FUQ125C	FUQ71C	FUQ100C	FUQ125C	
Cooling capacity	Nom.			kW	6.8	9.5	12.0	6.8	9.5	12.0
Heating capacity	Nom.			kW	7.5	10.8	13.5	7.5	10.8	13.5
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		6.50	6.11	5.61	6.50	6.11	5.61	
	Annual energy consumption		kWh	366	544	748	366	544	748	
	Heating (Average climate)	Energy label		A+			A+			
		Pdesign	kW	7.60	11.30	14.13	7.60	11.30	14.13	
SCOP			4.20	4.50	4.44	4.20	4.50	4.44		
Annual energy consumption		kWh	2,533	3,515	4,456	2,533	3,515	4,456		
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	EER		4.07			4.07				
	COP		4.47			4.04				
	Annual energy consumption		kWh	840	1,230	1,770	840	1,230	1,770	
	Energy label	Cooling	A			A				
Heating		A			A					
Casing	Colour	Fresh White			Fresh White					
	Material	Resin			Resin					
Dimensions	Unit	HeightxWidthxDepth	mm			198x950x950				
Weight	Unit			kg	25	26	25	26		
Fan - Air flow rate	Cooling	High/Nom./Low	m³/min		23/19.5/16	31/25.5/20	32.5/26.5/20.5	23/19.5/16	31/25.5/20	32.5/26.5/20.5
	Heating	High/Nom./Low	m³/min		23/19.5/16	31/25.5/20	32.5/26.5/20.5	23/19.5/16	31/25.5/20	32.5/26.5/20.5
Sound power level	Cooling	High/Nom./Low	dBA		59/56/51	64/60/55	65/61/56	59/56/51	64/60/55	65/61/56
	Heating	High/Nom./Low	dBA		59/56/51	64/60/55	65/61/56	59/56/51	64/60/55	65/61/56
Sound pressure level	Cooling	High/Nom./Low	dBA		41/38/35	46/42/39	47/43/40	41/38/35	46/42/39	47/43/40
	Heating	High/Nom./Low	dBA		41/38/35	46/42/39	47/43/40	41/38/35	46/42/39	47/43/40
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) EER/COP according to Eurovent 2012

OUTDOOR UNIT				RZQG71L8V1	RZQG100L8V1	RZQG125L8V1	RZQG71L8Y1	RZQG100L8Y1	RZQG125L8Y1	
Dimensions	Unit	HeightxWidthxDepth	mm	990x940x320	1,430x940x320		990x940x320	1,430x940x320		
Weight	Unit			kg	78	102	80	101		
Compressor	Type		Hermetically sealed swing compressor							
Sound power level	Cooling	Nom.	dBA	64	66	67	64	66	67	
	Sound pressure level	Cooling	Nom.	dBA	48	50	51	48	50	51
Heating		Nom.	dBA	50	52	53	50	52	53	
Night quiet mode		Level 1	dBA	43	45		43	45		
Operation range	Cooling	Ambient	Min.~Max.	°CDB -15~50			-15~50			
	Heating	Ambient	Min.~Max.	°CWB -20~15.5			-20~15.5			
Refrigerant	Type		R-410A							
	GWP		1,975							
Piping connections	Liquid	OD	mm	9.52						
	Gas	OD	mm	15.9						
	Drain	OD	mm	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.	m	30.0						
	IU - IU	Max.	m	0.5						
Power supply	Phase / Frequency / Voltage		Hz / V		1~ / 50 / 220-240			3N~ / 50 / 380-415		



FUQ-C



BRC1E52A/B BRC7CB528



RZQG100-125L8V1/L8Y1



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.

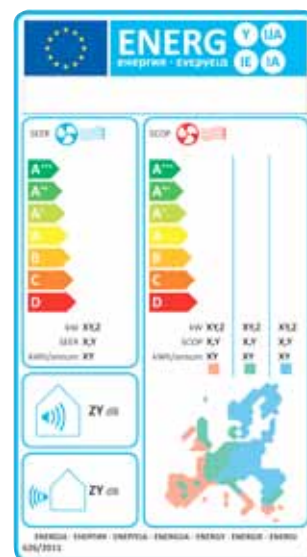
Not only does the Eco-Design Directive systematically raise the minimum requirements with respect to environmental performance, the method used to measure this performance has also been changed to better reflect real-life conditions. The new seasonal performance rating provides a much more accurate picture 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.



SEASONAL EFFICIENCY

Smart use of energy



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FSC

ECPEN13-112A

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



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