

Fully flat cassette

FFQ-C




Optional
Presence & floor
sensor



Home leave
operation



Draught prevention



Individual flap
control



Drain
Pump Kit

Unique design in the market that integrates fully flat into the ceiling

- › Fully flat integration in standard architectural ceiling tiles, leaving only 8mm
- › Remarkable blend of iconic design and engineering excellence with an elegant finish in white or a combination of silver and white
- › Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- › Two optional intelligent sensors improve energy efficiency and comfort.
- › No optional adapter needed for DIII-connection, link your unit into the wider building management system.

Fully Flat Cassette

Design & Genius in one

Why choose fully flat cassette

- Unique design in the market that integrates fully flat into the ceiling
- Advanced technology and top efficiency combined
- Most quiet cassette available on the market

FFQ-C



Choice between grey or white panel

Benefits for the installer

- › Unique product in the market!
- › Most quiet unit (25dBA)
- › The user-friendly remote control, available in several languages, enables the easy set-up of sensor option and control of the individual flap position
- › Meeting European design taste.

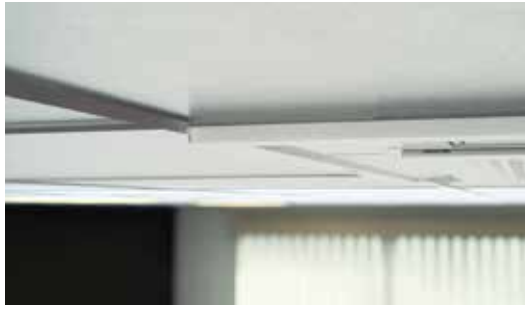
Benefits for the consultant

- › Unique product in the market!
- › Blends seamlessly in any modern office interior design
- › Ideal product to improve BREEAM score/EPBD in combination with Sky Air Seasonal Smart (FFQ-C) or VRV IV heat pump units (FXZQ-A).

Benefits for the end user

- › Engineering excellence and unique design in one
- › Most quiet unit (25dBA)
- › Perfect working conditions: no more cold draughts
- › Save up to 27% on your energy bill thanks to the optional sensors
- › Flexible usage of space and suits any room configuration thanks to individual flap control
- › User-friendly remote control, available in several languages.





Unique design

- › Designed by a European design office to fully meet the European taste.
- › Fully flat into the ceiling, leaving only 8mm.



- › Fully integrated in the one ceiling tile, enabling lights, speakers and sprinklers to be installed in adjoining ceiling tiles.
- › Decoration panel available in 2 colours (white and white-silver).



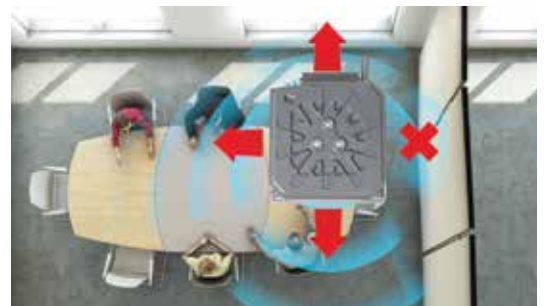
Differentiating in technology

Optional presence sensor

- › When the room is empty, it can adjust the set temperature or switch off the unit – saving energy.
- › When people are detected, the direction of the airflow is adapted to avoid cold draughts being directed towards occupants.

Optional floor sensor

- › Detects the temperature difference and re-directs the airflow to ensure even temperature distribution.



Top efficiency

- › Seasonal labels up to **A⁺⁺** *
- › When the room is empty, the sensor option can adjust the set temperature or switch off the unit – saving up to 27% energy.

* for FFQ25,35C in combination with RXS25,35L3

Other benefits

- › Individual flap control: easily control one or more flaps via the wired remote controller (BRC1E*) when rearranging the room. When fully closing or blocking the flaps, the option "Sealing member of air discharge outlet" is needed.
- › Most silent cassette in the market (25dBA), important for office applications.

FFQ-C + RXS-L(3)



Indoor Model Name		FFQ35C	FFQ50C	FFQ60C	
Outdoor Model Name		RXS35L3	RXS50L	RXS60L	
Cooling Capacity (Min. / Nom. / Max)	kBtu/hr	4.8/11.6/13.6	5.8/17.1/18.1	5.8/19.5/22.2	
	kW	1.4/3.4/4.0	1.7/5.0/5.3	1.7/5.7/6.5	
Heating Capacity (Min. / Nom. / Max)	kBtu/hr	4.4/14.3/17.4	5.8/19.8/20.5	5.8/23.9/27.3	
	kW	1.3/4.20/5.1	1.7/5.8/6.0	1.7/7.0/8.0	
Nominal Running Current at 220V (Cooling)	A	4.1	7.2	8.6	
Nominal Running Current at 220V (Heating)	A	5.6	7.6	9.3	
Seasonal efficiency (according to EN14825) Cooling	Energy label	A++	A+	A+	
	Pdesign kW	3.40	5.00	5.70	
	SEER	6.32	5.93	5.71	
	Annual energy consumption kWh	188	295	349	
Seasonal efficiency (according to EN14825) Heating (Average climate)	Energy label	A+	A	A+	
	Pdesign kW	3.10	3.84	3.96	
	SCOP	4.10	3.90	4.04	
	Annual energy consumption kWh	1,059	1,378	1,373	
Nominal efficiency	Nominal EER	3.78	3.21	3.02	
	Nominal COP	3.50	3.49	3.41	
Indoor	Panel Model and Color	BYFQ60CW / White (N9.5) BYFQ60CS / White (N9.5) and Silver			
	Panel Dimensions HxWxD	mm	46x620x620		
	Panel Net Weight	kg	2.80		
	Power Supply	Ph/Hz/V	1~/50/220-240		
	Air Flow (Nom)	CFM	300	353	441
	Sound Pressure Level (High/Nom./Low)	dBA	34/30.5/25	39/34/27	43/40/32
	Dimension (HxWxD)	mm	260x575x575		
	Net Weight	kg	16	17.5	
Outdoor	Power Supply	Ph/Hz/V	1~/50/220-240		
	Sound Pressure Level	dBA	48	49	
	Dimension (HxWxD)	mm	550x765x285	735x825x300	735x825x300
	Net Weight	kg	34	47	48
	Operation range - Cooling Ambient Min.~Max.	°CDB	-10~46		
	Operation range - Heating Ambient Min.~Max.	°CWB	-15~18		
	Pipe Connection - Liquid	in	1/4	1/4	1/4
	Pipe Connection - Gas	in	3/8	1/2	1/2
	Max. Piping Length	m	20	30	
	Max. Elevation	m	15	20	20
	Compressor Type	Hermetic Sealed Swing compressor			
	Refrigerant Type - GWP	R-410A/2,087.5			
Refrigerant Charge - Eq. CO ₂ Emissions	kg/TCO ₂ eq	1.2/2.5	1.7/3.5	1.5/3.1	

EER/COP according to Eurovent 2012, for use outside EU only | Dimensions do not include control box. Nominal efficiency: cooling at 35°/27° nominal load, heating at 7°/20° nominal load. Contains fluorinated greenhouse gases.

Daikin Europe N.V. Naamloze Vennootschap · Zandvoordestraat 300 · 8400 Oostende · Belgium · www.daikin.eu · BE 0412 120 336 · RPR Oostende (Responsible Editor)

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