

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

FFA-A



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.

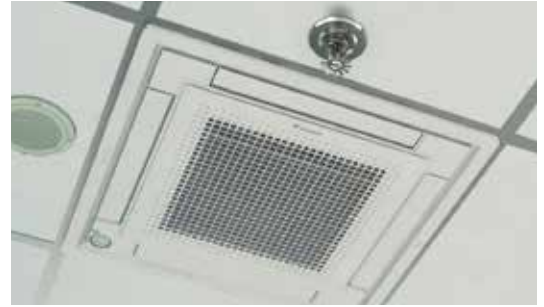
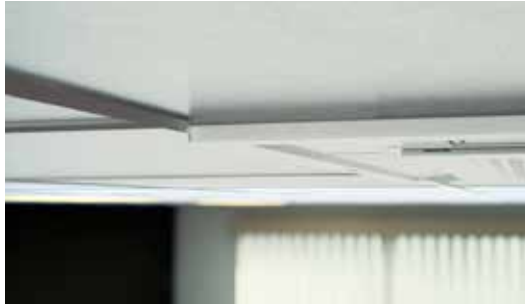
Benefits for the consultant

- > 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 (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

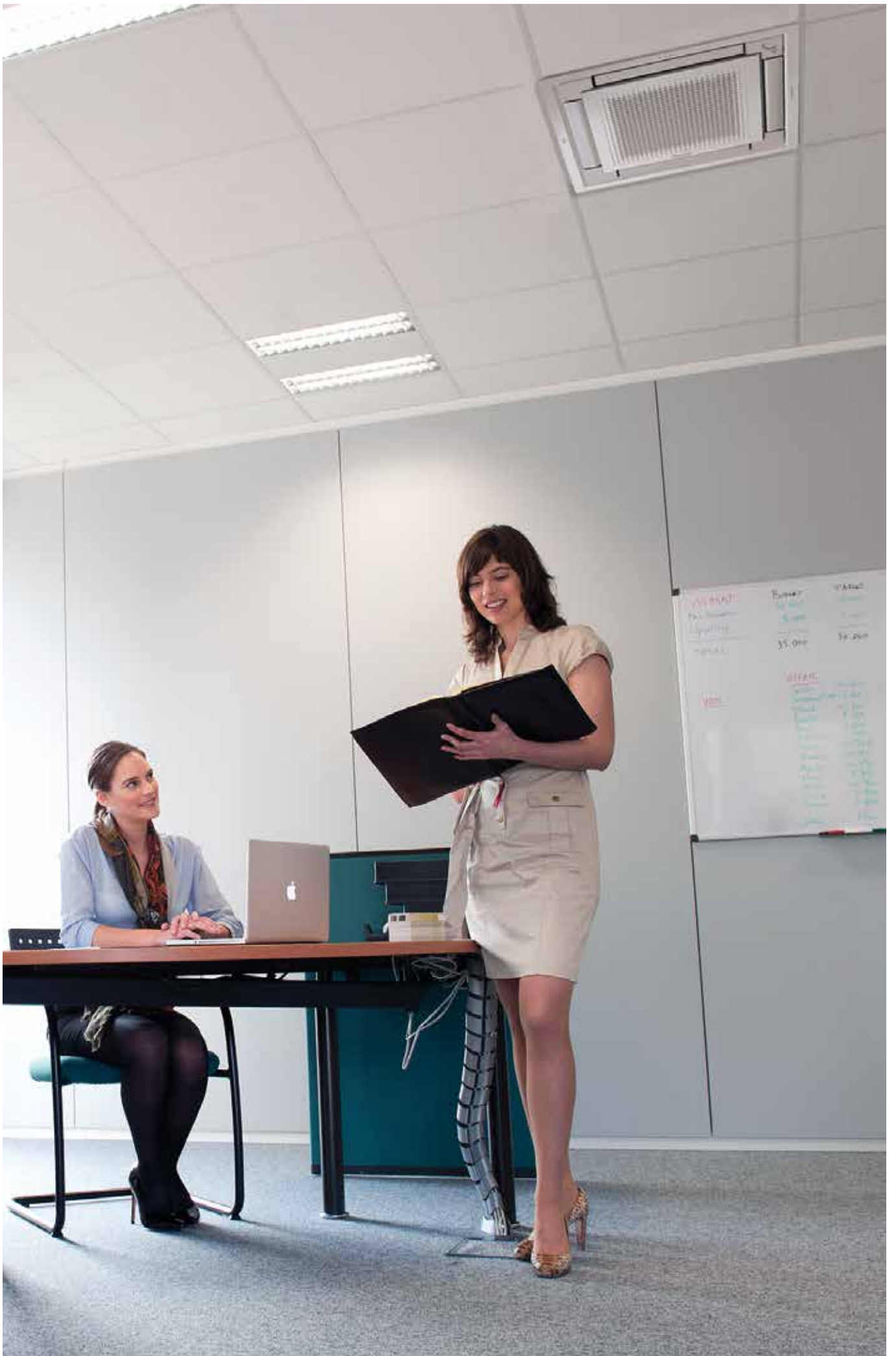
- › Individual flap control: easily control one or more flaps via the wired remote controller (BRC1E*) when rearranging the room. When fully closing or blocking the flaps, the option “Sealing member of air discharge outlet” is needed.
- › Most silent cassette in the market (25dBA), important for office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



Marketing tools

- › https://www.daikin.eu/en_us/product-group/fully-flat-cassette.html
- › www.youtube.com/DaikinEurope





Fully flat cassette

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
- > Unified indoor unit range for R-32 and R-410A
- > Combining with R-32 Bluevolution technology, reduces environmental impact with 68% compared to R-410A, leads directly to lower energy consumption thanks to its high energy efficiency and has up to lower 16% refrigerant charge
- > Two optional intelligent sensors improve energy efficiency and comfort.



- > Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- > Reduced energy consumption thanks to specially developed small tube heat exchanger, DC fan motor and drain pump
- > Optional fresh air intake
- > Branch duct discharge allows to optimize air distribution in irregular shaped rooms or to supply air to small adjacent rooms
- > Standard drain pump with 630mm lift increases flexibility and installation speed



NEW

Online controller connection



Efficiency data		FFA + RXM		25A + 25M9	35A + 35M9	50A + 50M9	60A + 60M9		
Cooling capacity	Nom.	kW		2.50	3.40	5.00	5.70		
Heating capacity	Nom.	kW		3.20	4.20	5.80	7.00		
Power input	Cooling	Nom.	kW	0.55	0.89	1.54	1.87		
	Heating	Nom.	kW	0.82	1.20	1.66	2.05		
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class		A++		A+			
		Pdesign	kW	2.50	3.40	5.00	5.70		
	SEER		6.17	6.38	5.98	5.76			
	Annual energy consumption	kWh	142	186	292	347			
Heating (Average climate)	Energy efficiency class		A+		A		A+		
	Pdesign	kW	2.31	3.10	3.84	3.96			
	SCOP/A		4.24	4.10	3.90	4.04			
	Annual energy consumption	kWh	762	1,058	1,377	1,372			
Indoor unit		FFA		25A	35A	50A	60A		
Dimensions	Unit	HeightxWidthxDepth		mm					
Weight	Unit			16.0		17.5			
Air filter	Type	Resin net							
Decoration panel	Model	BYFQ60C2W1W/BYFQ60C2W1S/BYFQ60B2W1/BYFQ60B3W1							
	Colour	White (N9.5)/SILVER/White (RAL9010)/WHITE (RAL9010)							
	Dimensions	HeightxWidthxDepth		mm					
	Weight			kg					
Fan	Air flow rate	Cooling	Low/Medium/High	m ³ /min	6.5/8.0/9.0	6.5/8.5/10.0	7.5/10.0/12.0	9.5/12.5/14.5	
		Heating	Low/Medium/High	m ³ /min	6.5/8.0/9.0	6.5/8.5/10.0	7.5/10.0/12.0	9.5/12.5/14.5	
Sound power level	Cooling			dBA	48	51	56	60	
Sound pressure level	Cooling	Low/High			dBA	25.0/31.0	25.0/34.0	27.0/39.0	32.0/43.0
	Heating	Low/High			dBA	25.0/31.0	25.0/34.0	27.0/39.0	32.0/43.0
Control systems	Infrared remote control			BRC7EB530W (standard panel) / BRC7F530W (white panel) / BRC7F530S (grey panel)					
	Wired remote control			BRC1D528 / BRC1E53A7 / BRC1E53B7 / BRC1E53C7					
Power supply	Phase/Frequency/Voltage			Hz/V					
		1~/50/220-240							
Outdoor unit		RXM		25M9	35M9	50M9	60M9		
Dimensions	Unit	HeightxWidthxDepth		550x765x285		735x825x300			
Weight	Unit			32		47			
Sound power level	Cooling			dBA	59	61	62	63	
	Heating			dBA	59	61	62	63	
Operation range	Cooling	Ambient	Min.~Max.	°CDB		-10~46			
	Heating	Ambient	Min.~Max.	°CWB		-15~18			
Refrigerant	Type	R-32							
	GWP	675.0							
Piping connections	Charge			kg/TCO2Eq		1.40/0.95		1.45/0.98	
	Liquid	OD			mm		6,35		6,4
	Gas	OD			mm		9,50		12,7
	Piping length	OU - IU	Max.	m		20,0		30	
		System	Chargeless	m		10,0		-	
	Additional refrigerant charge			kg/m					
				0.02 (for piping length exceeding 10m)					
	Level difference	IU - OU	Max.	m		20,0			
Power supply	Phase/Frequency/Voltage			Hz/V					
Current - 50Hz	Maximum fuse amps (MFA)			A					
				10		15			

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

(2) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.