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-A9 / FXZQ-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 (FFA*) or VRV IV heat pump units (FXZQ*).
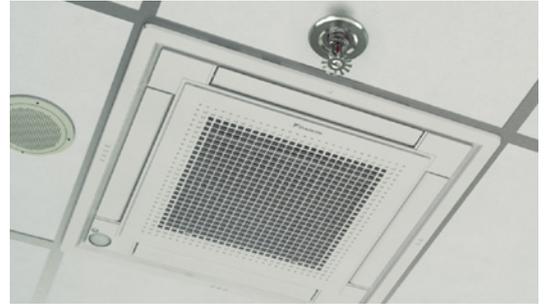
Benefits for the end user

> 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.

universal design award 2014

GERMAN DESIGN AWARD SPECIAL 2016

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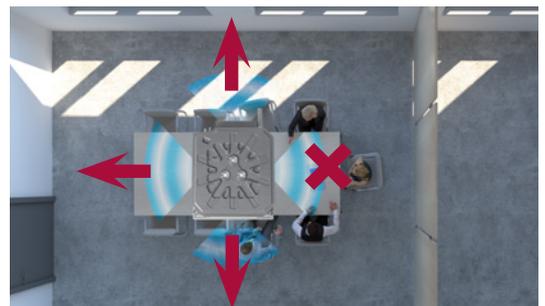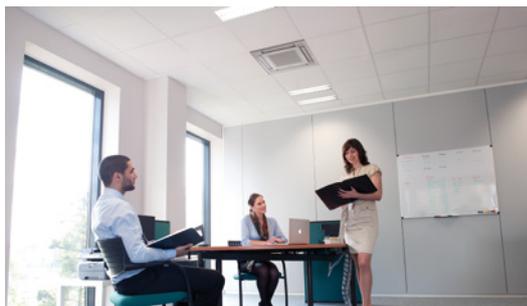
Differentiating in technology
Optional presence sensor
› When the room is empty, it can adjust the set temperature or switch off the unit – saving energy.
› When people are detected, the direction of the airflow is adapted to avoid cold draughts being directed towards occupants.

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

Top efficiency
› Seasonal efficiency 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 FFA25,35A9 in combination with RXM25,35M9

Other benefits
› Individual flap control: easily control one or more flaps via the wired remote controller (BRC1E/BRC1H) 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

› Combination with Sky Air Alpha-series ensures best in class quality, highest efficiency and performance
› 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
› 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!
› 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

FFA-A9

RZAG25-60A

BRC1H519W7, BRP069A81

Efficiency data		FFA + RZAG	35A9 + 35A	50A9 + 50A	60A9 + 60A
Cooling capacity	Min./Nom./Max.	kW	1.6/3.5/4.5	1.7/5.0/6.0	1.7/6.0/6.5
Heating capacity	Min./Nom./Max.	kW	1.40/4.00/5.00	1.50/5.80/6.00	1.60/7.00/7.50
Space cooling	Energy efficiency class		A++		A+
	Capacity Pdesign	kW	3.50	5.00	6.00
	SEER		6.40	6.30	5.80
	ηs,c	%	-		
	Annual energy consumption	kWh/a	191	278	362
Space heating (Average climate)	Energy efficiency class		A	A+	
	Capacity Pdesign	kW	4.20	4.30	4.50
	SCOP/A		3.80	4.01	4.04
	ηs,h	%	-		
	Annual energy consumption	kWh/a	1,546	1,501	1,558

Indoor unit		FFA	35A9	50A9	60A9
Dimensions	Unit HeightxWidthxDepth	mm	260x575x575		
Weight	Unit	kg	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	46x620x620x46x620x620x55x700x700x55x700x700		
	Weight	kg	2.8/2.8/2.7/2.7		
Fan	Air flow rate Cooling Low/Medium/High	m³/min	6.5/8.5/10.0	8.6/10.9/12.7	9.5/12.5/14.5
	Heating Low/Medium/High	m³/min	6.5/8.5/10.0	8.6/10.9/12.7	9.5/12.5/14.5
Sound power level	Cooling	dBA	51.0	56.0	60.0
Sound pressure level	Cooling Low/High	dBA	25.0/34.0	27.0/39.0	32.0/43.0
	Heating Low/High	dBA	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		BRC1H519W7/S7/K7 / BRC1E53A/B/C / BRC1D52		
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240		

Outdoor unit		RZAG	35A	50A	60A
Dimensions	Unit HeightxWidthxDepth	mm	734x870x373		
Weight	Unit	kg	52		
Sound power level	Cooling	dBA	62.0	63.0	64.0
	Heating	dBA	62.0	63.0	64.0
Sound pressure level	Cooling Nom.	dBA	48.0	49.0	50.0
	Heating Nom.	dBA	48.0	49.0	50.0
Operation range	Cooling Ambient Min.~Max.	°CDB	-20~52		
	Heating Ambient Min.~Max.	°CWB	-20~24		
Refrigerant	Type/GWP		R-32/675.0		
	Charge	kg/TCO2Eq	1.55/1.05		
Piping connections	Liquid/Gas OD	mm	6.35/9.52	6.35/12.7	
	Piping length OU - IU Max.	m	50		
	System Equivalent	m	-		
	Chargeless	m	-		
	Additional refrigerant charge	kg/m	0.02 (for piping length exceeding 30m)		
	Level difference IU - OU Max.	m	30.0		
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240		
Current - 50Hz	Maximum fuse amps (MFA)	A	-		

Fully flat cassette

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

› Combination with split outdoor units is ideal for small retail, offices and residential applications
› 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
› 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!
› 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

FFA-A9

RXM-N9

BRC1H519W7, BRP069A81

Efficiency data		FFA + RXM		25A9 + 25N9	35A9 + 35N9	50A9 + 50N9	60A9 + 60N9
Cooling capacity	Nom.		kW	2.50	3.40	5.00	5.70
Heating capacity	Nom.		kW	3.20	4.20	5.80	7.00
Space cooling	Energy efficiency class			A++		A+	
	Capacity	Pdesign	kW	2.50	3.40	5.00	5.70
	SEER			6.17	6.38	5.98	5.76
	ηs,c		%	-			
	Annual energy consumption		kWh/a	142	186	292	347
Space heating (Average climate)	Energy efficiency class			A+		A	A+
	Capacity	Pdesign	kW	2.31	3.10	3.84	3.96
	SCOP/A			4.24	4.10	3.90	4.04
	ηs,h		%	-			
	Annual energy consumption		kWh/a	762	1,058	1,377	1,372

Indoor unit			FFA	25A9	35A9	50A9	60A9
Dimensions	Unit	HeightxWidthxDepth	mm	260x575x575			
Weight	Unit		kg	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	46x620x620x46x620x620x55x700x700x55x700x700			
	Weight		kg	2.8/2.8/2.7/2.7			
Fan	Air flow rate Cooling	Low/Medium/High	m³/min	6.5/8.0/9.0	6.5/8.5/10.0	8.6/10.9/12.7	9.5/12.5/14.5
	Heating	Low/Medium/High	m³/min	6.5/8.0/9.0	6.5/8.5/10.0	8.6/10.9/12.7	9.5/12.5/14.5
Sound power level	Cooling		dBA	48.0	51.0	56.0	60.0
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			BRC1H519W7/S7/K7 / BRC1E53A/B/C / BRC1D52			
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-240			

Outdoor unit			RXM	25N9	35N9	50N9	60N9
Dimensions	Unit	HeightxWidthxDepth	mm	550x765x285		734x870x373	
Weight	Unit		kg	32		50	
Sound power level	Cooling		dBA	58	61	62	63
	Heating		dBA	59	61	62	63
Sound pressure level	Cooling	Nom.	dBA	46	49	48	
	Heating	Nom.	dBA	47		49	
Operation range	Cooling	Ambient Min.~Max.	°CDB	-10~50			
	Heating	Ambient Min.~Max.	°CWB	-20~24			
Refrigerant	Type			R-32			
	GWP			675			
	Charge		kg/TCO2Eq	0.76/0.52		1.15/0.78	
Piping connections	Liquid	OD	mm	6.35			
	Gas	OD	mm	9.52		12.7	
	Piping length	OU - IU Max.	m	20		30	
		System Chargeless	m	10		-	
	Additional refrigerant charge		kg/m	0.02 (for piping length exceeding 10m)			
	Level difference	IU - OU Max.	m	15		20	
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-240			
Current - 50Hz	Maximum fuse amps (MFA)		A	-			