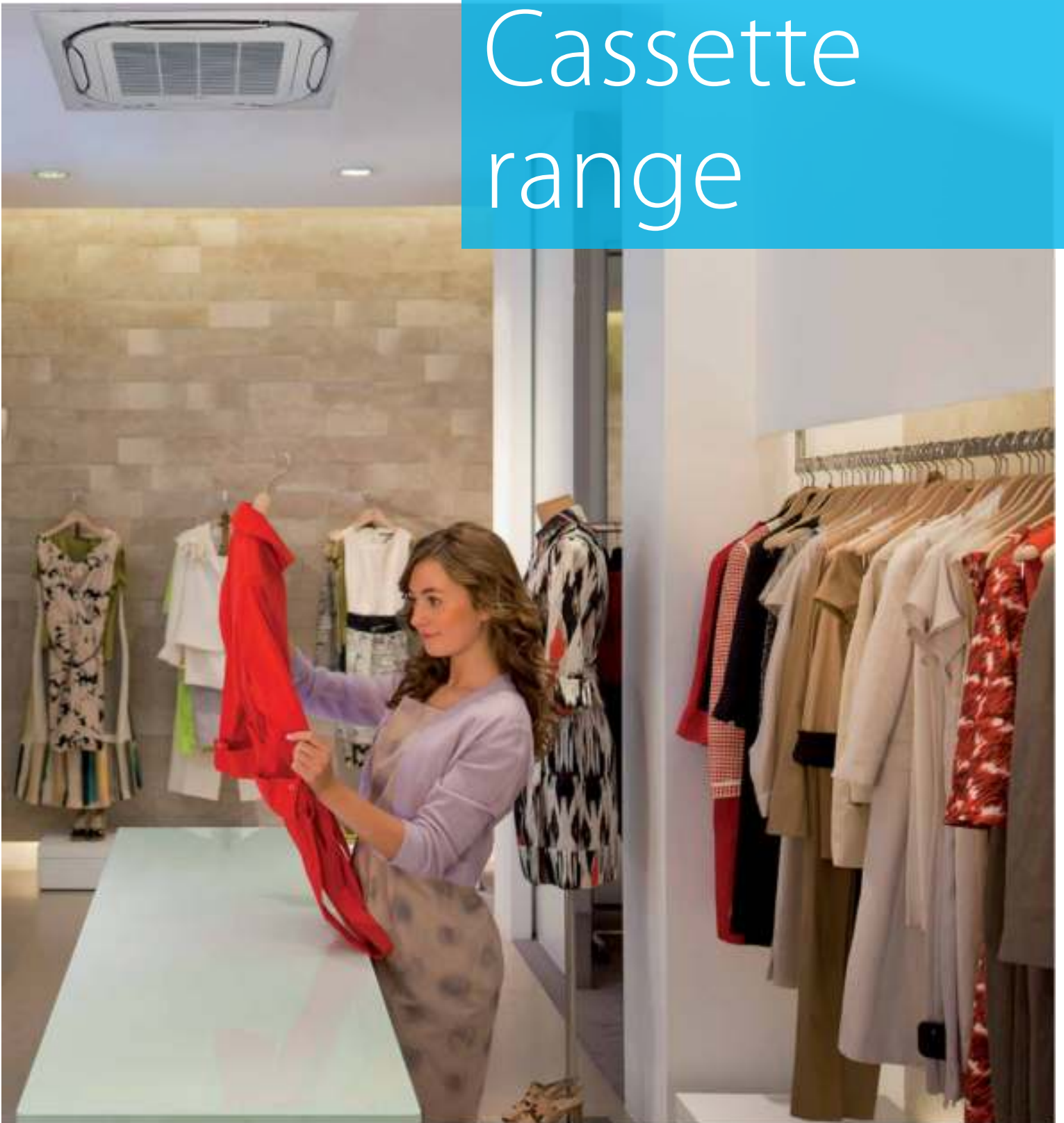




Cassette range



Why choose Daikin?

Daikin is the world leader when it comes to air conditioning and heating. Thanks to our constant innovation in **comfort, energy efficiency, control** and **reliability** we define the benchmarks for quality within the industry.

Comfort

- ✓ We offer a **wide range of products**, and always provide you with the ideal solution, whether it be in a residential, commercial or industrial environment.
- ✓ Our units are **whisper quiet** and, with their perfect airflow pattern, they create your ideal indoor climate.

Control

- ✓ Our expertise makes life easier for you, allowing you to control your system via a **smartphone app** or a user-friendly remote control.

Energy Efficiency

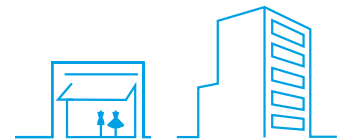
- ✓ As an environmentally responsible company, we are dedicated to being part of a healthy ecosystem.
- ✓ Our products are designed to be **highly efficient** all year round.
- ✓ Our products' low energy consumption is reflected in **lower energy bills** for you.

Reliability

- ✓ Daikin products are renowned for their reliability. And you can rely on **service** to match.

Daikin cassette range

air conditioners for the commercial sector



Why choose Daikin cassette units?

Tailored to your needs, improving comfort

- › Daikin offers a range of unique products that meet the most stringent building specifications.
- › Cassette units are an ideal choice for offices, shops and restaurants.
- › They can be installed in spaces of any shape or size, yet they still provide perfect air distribution throughout the room.
- › They have unique features which help to improve comfort and efficiency.

Energy efficient

- › Optimised seasonal performance, up to A++, ensures low operating costs.

Easy control

- › Plug-and-play connection with intelligent control systems guarantees an optimum climate, while saving energy.

Flexible installation

- › Cassette units can be installed in false ceilings, leaving wall and floor space free for furniture, shelving or other decoration.
- › The unique fully flat cassette is easy to integrate as it only occupies the space of one ceiling tile.
- › Cost efficient installation and easy maintenance, as maintenance can almost always be carried out via the decoration panel of the unit



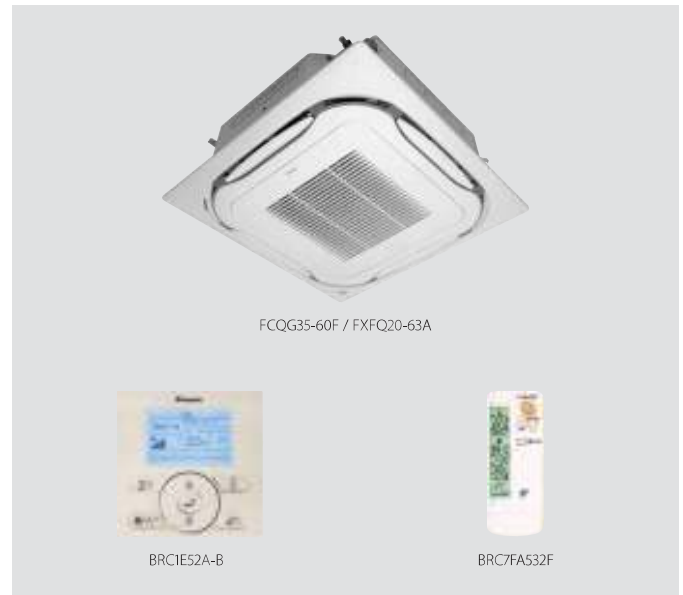
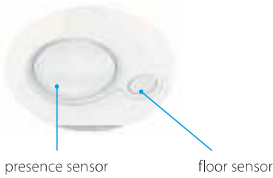
Round flow cassette

360° air discharge for optimum efficiency and comfort

- › Lowest installation height on the market: 204mm for class 71, 214mm for class 20-63.
- › Individual flap control. Flexibility to suit every room layout without changing the location of the unit!



- › Modern style decoration panel is available in 3 different variations: white (RAL9010) with grey louvers, full white (RAL9010) or auto cleaning panel
- › Standard plug and play connection with intelligent control systems
- › Fresh air intake integrated into the same system thus reducing installation cost as no additional ventilation is required
- › Two optional intelligent sensors improve energy efficiency and comfort.



- › Daily automatic filter cleaning results in higher efficiency, comfort until the next scheduled service check-up.



Fully integrated solutions for medium to large commercial environments

Indoor unit			FXFQ	20A	25A	32A	40A	50A	63A	80A	100A	125A					
Cooling capacity	Nom.	kW	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0						
Heating capacity	Nom.	kW	2.5	3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0						
Power input - 50Hz	Cooling	Nom.	0.038				0.053	0.061	0.092	0.115	0.186						
	Heating	Nom.	0.038				0.053	0.061	0.092	0.115	0.186						
Dimensions	Unit	Height	204				246		288								
		Width	840				840		840								
		Depth	840				840		840								
Weight	Unit	kg	19		20	21		24		26							
Casing	Material		Galvanised steel plate														
Decoration panel	Model		BYCQ140D7W1 (white with grey louvers) / BYCQ140D7W1W (full white) / BYCQ140D7GW1 (auto cleaning panel)														
	Colour		Pure White (RAL 9010)														
	Dimensions	HeightxWidthxDepth	60x950x950 / 60x950x950 / 145x950x950														
	Weight	kg	5.4 / 5.4 / 10.3														
Fan-Air flow rate - 50Hz	Cooling	High/Nom./Low	m ³ /min	12.5/10.6/8.8		13.6/11.6/9.5		15.0/12.8/10.5		16.5/13.5/10.5		22.8/17.6/12.4		26.5/19.5/12.4		33.0/26.5/19.9	
	Heating	High/Nom./Low	m ³ /min	12.5/10.6/8.8		13.6/11.6/9.5		15.0/12.8/10.5		16.5/13.5/10.5		22.8/17.6/12.4		26.5/19.5/12.4		33.0/26.5/19.9	
Air filter	Type		Resin net with mold resistance														
Sound power level	Cooling	High/Nom.	dBA	49/-		51/-		53/-		55/-		60/-		61/-			
Sound pressure level	Cooling	High/Nom./Low	dBA	31/29/28		33/31/29		35/33/30		38/34/30		43/37/30		45/41/36			
	Heating	High/Nom./Low	dBA	31/29/28		33/31/29		35/33/30		38/34/30		43/37/30		45/41/36			
Refrigerant	Type / GWP		R-410A / 2.087,5														
Piping connections	Liquid	OD	mm	6.35						9.52							
	Gas	OD	mm	12.7						15.9							
	Drain			VP25 (O.D. 32 / I.D. 25)													
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/60/220-240/220														
Current - 50Hz	Maximum fuse amps (MFA)	A	16														
Control systems	Infrared remote control		BRC7FA532F														
	Wired remote control		BRC1D52 / BRC1E52A/B														

BYCQ140D7W1 = pure white panel with grey louvers, BYCQ140D7W1W = pure white standard panel with white louvers, BYCQ140D7GW1 = Pure white auto cleaning panel
 The BYCQ140D7W1W has white insulations. Be informed that formations of dirt on white insulation is visibly stronger & that it is consequently not advised to install the decoration panel in environments exposed to concentrations of dirt.
 Contains fluorinated greenhouse gases.



Indoor unit			FCQG	35F	50F	60F
Dimensions	Unit	HeightxWidthxDepth	mm	204x840x840		
Decoration panel	Model		BYCQ140D7W1 (white with grey louvers) / BYCQ140D7W1W (full white) / BYCQ140D7GW1 (auto cleaning panel)			
	Colour		Pure White (RAL 9010)			
	Dimensions	HeightxWidthxDepth	mm	50x950x950 / 50x950x950 / 130x950x950		
	Weight	kg	5.4 / 5.4 / 10.3			
Sound power level	Cooling		dBA	49		51
	Heating		dBA	49		51
Sound pressure level	Cooling	High/Nom./Low	dBA	31/29/27		33/31/28
	Heating	High/Nom./Low	dBA	31/29/27		33/31/28
Control systems	Infrared remote control		BRC7FA532F			
	Wired remote control		BRC1D52 / BRC1E52A/B			

The BYCQ140D7W1W has white insulations. Be informed that information on dirt on white insulation is visibly stronger and that it is consequently not advised to install the BYCQ140D7W1W decoration panel in environments exposed to concentrations of dirt.
 BYCQ140D7W1: pure white standard panel with grey louvers; BYCQ140D7W1W: pure white standard panel with white louvers; BYCQ140D7GW: pure white auto cleaning panel

Combination with split outdoor units is ideal for smaller applications such as retail or residential applications

Efficiency data			FCQG + RXS	35F + 35L3	50F + 50L	60F + 60L
Cooling capacity	Min./Nom./Max.		kW	1.3/3.4/4.0	1.7/5.0/5.3	1.7/5.7/5.7
Heating capacity	Min./Nom./Max.		kW	1.3/4.2/5.2	1.7/6.00/6.0	1.7/7.0/7.0
Power input	Cooling	Nom.	kW	0.91	1.410	1.640
	Heating	Nom.	kW	1.2	1.620	1.990
Seasonal efficiency (according to EN14825)	Cooling	Energy label		A++		A++
		Pdesign	kW	3.50	5.00	5.70
		SEER		6.35	6.48	6.22
	Heating (Average climate)	Annual energy consumption	kWh	193	270	321
		Energy label		A++	A++	A+
		Pdesign	kW	3.32	4.36	4.71
		SCOP		4.9	4.29	4.00
	Nominal efficiency	Annual energy consumption	kWh	949	1,426	1,646
		EER		3.74	3.55	3.48
		COP		3.5	3.70	3.52
Energy label	Annual energy consumption	kWh	455	705	820	
	Cooling / Heating		A/B	A/A	A/B	

(1) EER/COP according to Eurovent 2012, for use outside EU only (2) Nominal efficiency: cooling at 35°/27° nominal load, heating at 7°/20° nominal load (3) Contains fluorinated greenhouse gases

Seasonal Classic Combination with Seasonal Classic ensures good value for money for all types of light commercial applications

Efficiency data			FCQG + RZQSG	71F + 71L3V1	100F + 100L9V1	125F + 125L9V1	140F + 140L9V1	100F + 100L8Y1	125F + 125L8Y1	140F + 140L Y1
Cooling capacity	Nom.		kW	6.8	9.5	12.0	13.4	9.5	12.0	13.4
Heating capacity	Nom.		kW	7.5	10.8	13.5	15.5	10.8	13.5	15.5
Power input	Cooling	Nom.	kW	2.12	2.88	3.74	4.45	2.88	3.74	4.45
	Heating	Nom.	kW	2.08	3.05	3.96	4.54	3.05	3.96	4.54
Seasonal efficiency (according to EN14825)	Cooling	Energy label		A++		A		A++	A	
		Pdesign	kW	6.80	9.50	12.00	-	9.50	12.00	-
		SEER		6.10	6.50	5.30	-	6.50	5.30	-
	Heating (Average climate)	Annual energy consumption	kWh	390	511.538	792.453	-	512	792	-
		Energy label		A+				A+		
		Pdesign	kW	6.33	7.60	8.03	-	7.60	8.03	-
		SCOP		4.10		4.01	-	4.10	4.01	-
	Nominal efficiency	Annual energy consumption	kWh	2,162	2,595.122	2,803.491	-	2,595	2,803	-
		EER		3.21	3.30	3.21	3.01	3.30	3.21	3.01
		COP		3.61	3.54		3.41	3.54		3.41
Energy label	Cooling / Heating		A/A		A/B		A/A			

(1) EER/COP according to Eurovent 2012, for use outside EU only (2) Nominal efficiency: cooling at 35°/27° nominal load, heating at 7°/20° nominal load (3) Contains fluorinated greenhouse gases.

Seasonal Smart Combination with Seasonal Smart ensures best in class quality, highest efficiency and performance

Efficiency data			FCQG + RZQG	71F + 71L9V1	100F + 100L9V1	125F + 125L9V1	140F + 140L9V1	71F + 71L8Y1	100F + 100L8Y1	125F + 125L8Y1	140F + 140L Y1
Cooling capacity	Nom.		kW	6.8	9.5	12.0	13.4	6.8	9.5	12.0	13.4
Heating capacity	Nom.		kW	7.5	10.8	13.5	15.5	7.5	10.8	13.5	15.5
Power input	Cooling	Nom.	kW	2.01	2.45	3.22	-	2.01	2.45	3.22	4.17
	Heating	Nom.	kW	1.89	2.60	3.72	-	1.89	2.60	3.72	4.30
Seasonal efficiency (according to EN14825)	Cooling	Energy label		A++		A+		A++	A+		
		Pdesign	kW	6.80	9.50	12.00	-	6.80	9.50	12.00	-
		SEER		6.80		6.00	-	6.80		6.00	-
	Heating (Average climate)	Annual energy consumption	kWh	350	488.971	700	-	350	489	700	-
		Energy label		A+	A++	A+	-	A+	A++	A+	-
		Pdesign	kW	6.33	11.30	12.66	-	6.33	11.30	12.66	-
		SCOP		4.20	4.61	4.10	-	4.20	4.61	4.10	-
	Nominal efficiency	Annual energy consumption	kWh	2,110	3,431.67	4,322.927	-	2,110	3,432	4,323	-
		EER		3.39	3.87	3.73	3.21	3.39	3.87	3.73	3.21
		COP		3.97	4.15	3.63	3.61	3.97	4.15	3.63	3.61
Energy label	Cooling / Heating		A/A		A/A		A/A		A/A		

(1) EER/COP according to Eurovent 2012, for use outside EU only (2) Nominal efficiency: cooling at 35°/27° nominal load, heating at 7°/20° nominal load (3) Contains fluorinated greenhouse gases.