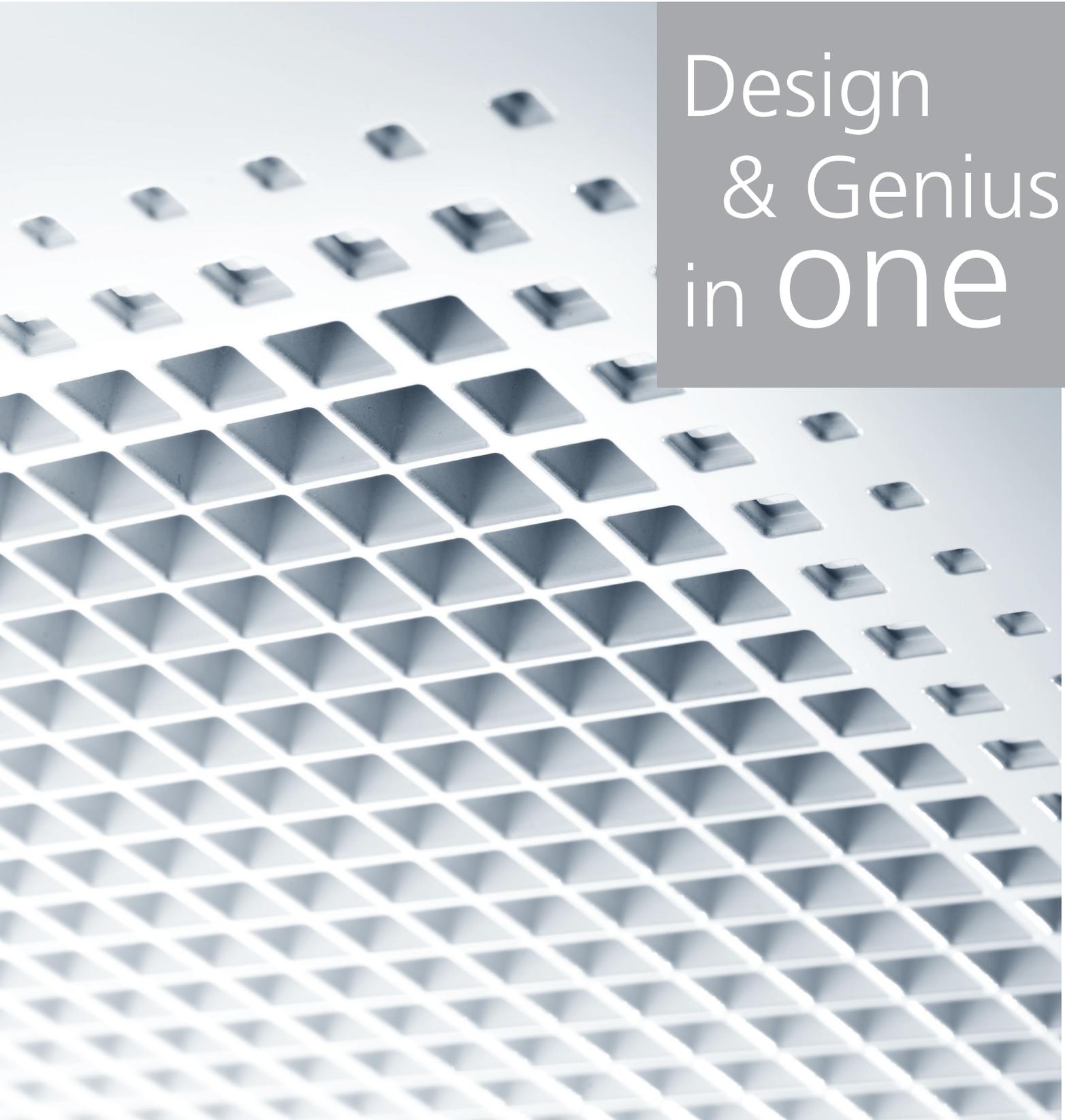




FFQ – FULLY FLAT CASSETTE

Design
& Genius
in one



Fully Flat Cassette

Design and genius in one



Daikin's Fully Flat Cassette is a powerful, efficient and discreet solution for commercial, retail and residential applications where both aesthetics and performance are paramount.

The Fully Flat Cassette combines the latest technology with innovative functions for high operating efficiency and user comfort, all within a unique design that allows the visible panel to fit flush within standard architectural ceiling panels.

Fully integrated, fully discreet

The Fully Flat Cassette is a unique iconic design with an elegant white finish with a white decoration panel. The cassette blends in, resulting in a fully discreet unit.

Fully flat with the ceiling

Daikin's Fully Flat Cassette is the first cassette that fits fully flat with the ceiling, making the unit blend discreetly in the ceiling.



Fits ceiling tiles perfectly

The newly designed panel integrates fully within one ceiling tile enabling lights, speakers and sprinklers to be installed in the adjoining ceiling tiles.



Differentiated by excellence

To ensure perfect interior comfort the Daikin Fully Flat Cassette can be fitted with an optional sensor* linked to an advanced controller.



When there is nobody in the room, the presence sensor* adjusts the set point or switches off the unit, avoiding unnecessary cooling or heating. When motion is detected the temperature is reset to its original setpoint ensuring perfect, energy efficient operation.



The sensor* also adapts the direction of the airflow depending of where people are situated in the room, ensuring no draught and individual comfort at any time.

Because hot air rises, the natural temperature distribution in a room is for it to be warmer near the ceiling and cooler near the floor. The cassette's 'floor' sensor* detects the temperature difference and re-directs the airflow to ensure that the temperature distribution is even.

Top efficiency year-round

Daikin's Fully Flat Cassette delivers exceptional performance and efficiency throughout the entire year. An optional presence sensor also helps deliver even greater operating efficiency



Air quality

The quality of the air in the room is as important as the temperature and we have fitted advanced filters to help remove dust particles to ensure the air is clean.

Quiet comfort

The Fully Flat Cassette is one of the quietest units in the light commercial market and, in addition to the sensors, has various functions that are designed to enhance user comfort.

**Additional sensor kit BRYQ60A2W required to enable this feature (floor and presence sensors included)*

Heating & Cooling



SkyAir

Perfect for light commercial applications

FFQ (Compact Cassette Type)							
INDOOR UNIT		FFQ25C2VEB	FFQ35C2VEB	FFQ50C2VEB	FFQ60C2VEB		
OUTDOOR UNIT		RXS25L3V1B	RXS35L3V1B	RXS50L2V1B	RXS60L2V1B		
Power Supply (Ph / Hz / V)		1 / 50 / 220-240					
Cooling Capacity (Rated / Range) *1		2.5 (1.4 - 4.0)	3.4 (1.4 - 4.0)	5.0 (1.7 - 5.3)	5.7 (1.7 - 6.5)		
Heating Capacity (Rated / Range) *1		3.2 (1.3 - 5.1)	4.2 (1.3 - 5.1)	5.8 (1.7 - 6.0)	7.0 (1.7 - 8.0)		
EER / COP		4.46 / 3.9	3.7 / 3.5	3.21 / 3.49	3.02 / 3.41		
INDOOR UNIT							
Dimensions (HxWxD)	mm	260 × 575 × 575 (+63)^					
Coil	Type	Cross Fin Coil (Multi Slit Fins and HI-XA Tubes)					
	Rows/Stages/Fin Pitch	2 / 12 / 1.2mm		3 / 16 / 1.2mm			
	Face Area	0.29		0.30			
Fan	Type	Turbo Fan					
	Motor Output	50					
	Fan Speed	3 Speeds					
Air flow rate (H/M/L)	m ³ /min	9/8/6.5	10/8.5/6.5	12/10/7.5	14.5/12.5/9.5		
Sound pressure (H/M/L) *2	dBA	31/28.5/25	34/30.5/25	39/34/27	43/40/32		
Sound power (H) *3	dBA	48	51	56	60		
Weight	Kg	16	16	17.5	17.5		
Piping	Liquid	mm			Ø 6.35		
	Gas	mm			Ø 9.52 (Flare)		
	Drain	mm			Ø 12.7 (Flare)		
Remote Control	Wired (Standard)				VP 20 (Ext Ø26, Int Ø20)		
	Wireless (Option)				BRC1E62		
					BRC7F530W		
Fascia Panel	Model				BYFQ60C2W1W		
	Colour				White (N9.5)		
	Dimensions (HxWxD)	mm			46 x 620 x 620		
	Air Filter				Resin Net (with Mould resistance)		
	Weight	Kg			2.8		
OUTDOOR UNIT							
Colour	Ivory White						
Dimensions (HxWxD)	mm	550 × 765 × 285		735 × 825 × 300			
Coil	Type	Cross Fin Coil (Waffle Fins and HI-XU Tubes)					
	Rows/Stages/Fin Pitch	2 / 24 / 1.4mm		2 / 32 / 1.8mm			
Compressor	Model	1YC23AWXDC		2YC36BXD#C			
	Type	Hermetically sealed swing type					
Fan	Type	Propeller					
	Motor Output	W		53			
Air flow rate	Cooling (H / SL)	m ³ /min	33.5/30.1	36/30.1	50.9/48.9	50.2/45	
	Heating (H / SL)	m ³ /min	28.3/25.6	28.3/25.6	45/43.1	46.3/46.3	
Weight	Kg	34		47	48		
Sound power (H) *3	dBA	59		61	62		
Sound Pressure *2	Cooling (H / SL)	dBA	46/43	48/44	48/44	49/46	
	Heating (H / SL)	dBA	47/44	48/45	48/45	49/46	
Piping	Liquid	mm			Ø 6.35		
	Gas	mm			Ø 9.52		
Ref. Piping	Max Length	m		20	30		
	Max Height Difference	m		15	20		
	Type				R410a		
Refrigerant	Factory charge	Kg		1	1.2	1.7	1.5
	Pre-charge length				10m		
	Additional Charge >10m	g/m			20		

Notes:

*1. The above data is based on the following conditions

Cooling	Heating	Piping Length	Volts, Hz
Indoor: 27° CDB / 19° CWB	Indoor: 20° CDB	5.0m (Horizontal)	230V,50Hz
Outdoor: 35° CDB	Outdoor: 7° CDB / 6° CWB		

*2. Anechoic chamber conversion value, measured according to JIS parameters and criteria. During operation these values are somewhat higher due to ambient conditions.

*3. Numerical values according to ISO 3741:1999.

^ - Dimension including electrical box



Daikin Australia Pty Limited (ISO 9001)
QEC 23256 May 12, 2006
Sydney, Brisbane, Adelaide, Melbourne,
Newcastle, Townsville, Perth, Auckland

Daikin Australia Pty Limited (ISO 14001)
CEM 20437 October 27, 2006
Sydney, Brisbane, Adelaide, Melbourne,
Perth

Your Daikin Specialist Dealer:



Daikin Australia Pty. Limited
Australia – 62-66 Governor Macquarie Drv, Chipping Norton, 2170 – Australia
T. 1300 638 300 – commercial@daikin.com.au – commercial.daikin.com.au
New Zealand – Unit C, 525 Great South Rd, Penrose, Auckland – New Zealand
T. +64 9 571 1101 – commercial@daikin.co.nz