



HEATING AND COOLING SOLUTIONS

SKY AIR

Ceiling Mounted Cassette Type

New 2019 redesigned SkyAir Round Flow Cassette utilises 360 degree airflow distribution, with greater efficiency and new Coanda Airflow.

KEY FEATURES:

- 360 degree even airflow distribution, with new Coanda Airflow
- New fascia design in white or black options
- R32 refrigerant for enhanced efficiency and lower Global Warming Potential

Cassette air conditioner with 360° uniform airflow sets the standard

The SkyAir Round Flow Cassette utilises 360 degree airflow distribution to ensure even temperatures throughout the space, this provides a comfortable environment for building occupants all year round while also remaining discrete.

New R32 refrigerant, and improved compressor designs provide efficiency gains of up to 19% over previous models.

The new optional Presence & Floor Temperature Sensor ensures comfortable room environment and reduced energy consumption.

6.0kW
-TO-
16.0kW **7**
RATED HEATING CAPACITIES MODELS

REVERSE
CYCLE



SkyAir



REUSE OF EXISTING PIPING

We reduce work costs and time by simplified installation, reusing existing pipes. Particularly convenient circumstances like - pipes are buried and making new pipe installations difficult; outdoor unit difficult to access; multiple units are being upgraded at the same time.



SMART AIRFLOW CONTROL

Indoor units can provide 5-step and 3-step fine control of air volume. Comfort ensured by 'Auto' airflow rate that matches load level which is convenient energy-efficiency for stores with peak and quiet periods.

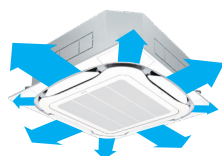


360° AIRFLOW

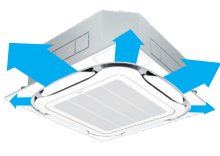
Uniform temperature distribution throughout the space with selectable range of total of 18 airflow patterns. Dual sensors and individual airflow direction control automatically provides optimal control of airflow.

SELECTABLE AIRFLOW PATTERN

TOTAL OF 18 FLOW PATTERNS



**ALL-ROUND
FLOW**



**L-SHAPED
2-WAY FLOW**



**OPPOSITE
2-WAY FLOW**

COMFORT OPERATION

- Circulation airflow evenly distributes cool and warm air
- Individual airflow direction control
- Daikin sensing technology with dual sensors for comfort and energy saving preventing overcooling / overheating
- Optimal comfort assured by 3 air discharge modes
- Quick and easy installation
- Easy maintenance

SPECIFICATIONS Premium Inverter series (Single Phase)

INDOOR UNIT		FCA50CAVMA	FCA60CAVMA	FCA71CAVMA	FCA85CVMA	FCA100CVMA	FCA125CVMA	FCA140CVMA	
OUTDOOR UNIT		RZAV50CV1	RZAV60CV1	RZAV71CV1	RZAV85CV1	RZAV100CV1	RZAV125CV1	RZAV140CV1	
Power Supply			1 Phase, 220-240V, 50Hz						
Rated Capacity	Cool (kW)	5.0	6.0	7.1	8.5	10.0	12.5	14.0	
	Heat (kW)	6.0	7.1	8.0	10.0	11.2	14.0	16.0	
Capacity Range	Cool (kW)	1.4-6.0	1.4-7.1	3.2-8.0	4.0-10.0	5.0-11.2	5.0-14.0	5.0-16.0	
	Heat (kW)	1.4-7.1	1.4-8.0	3.5-9.0	4.1-11.2	5.1-12.5	5.1-16.0	5.1-18.0	
Power consumption	Cool (kW)	1.11	1.43	1.81	2.00	2.38	3.25	3.70	
	Heat (kW)	1.27	1.54	1.81	2.13	2.40	3.28	4.02	
E.E.R	Cool(kW)	4.51	4.21	3.93	4.25	4.21	3.85	3.78	
C.O.P	Heat (kW)	4.73	4.61	4.42	4.70	4.67	4.27	3.98	
Indoor Unit	Colour		Fresh White (Decoration panel BYCQ125EAF)						
	Airflow rate (H / HM / M / ML / L)	ℓ/s	383 / 350 / 308 / 267 / 225			575 / 517 / 458 / 400 / 333		608 / 558 / 500 / 442 / 383	
		m3/min	23.0 / 21.0 / 18.5 / 16.0 / 13.5			34.5 / 31.0 / 27.5 / 24.0 / 20.0		36.5 / 33.5 / 30.0 / 26.5 / 23.0	
	Sound pressure level (H / HM / M / ML / L)	dBA	37.0 / 36.0 / 34.0 / 31.0 / 27.5			45.0 / 42.0 / 39.0 / 36.5 / 34.0		46.0 / 43.5 / 41.0 / 38.5 / 36.0	
	Dimensions (HxWxD)	Unit (mm)	256x840x840			298x840x840			
		Deco panel (mm)	50x950x950						
	Weight	Unit (kg)	22			26			
		Deco panel (kg)	5.5						
	Certified Operation Range	Cool (°CWB)	14 to 25						
Heat (°CDB)		15 to 27							
Outdoor Unit	Colour		Ivory White						
	Compressor	Type	Hermetically sealed swing type						
		Motor output (kW)	1.30		2.40	3.30			
	Refrigerant charge (R-32)	kg (Charged for 30m)	1.35		2.60	2.90	3.75		3.90
	Sound pressure level	Cool (dBA)	48			52	51	52	56
		Heat (dBA)	51		50	53		54	58
		Night quiet mode (dBA)	44			48	47	48	52
	Sound power level	dBA	68		67	71	70	-	-
	Dimensions (HxWxD)	mm	595x845x300		990x940x320		1,430x940x320		
	Machine weight	kg	45		69	78	93		99
	Certified Operation Range	Cool (°CDB)	-5 to 50						
Heat (°CWB)		-15 to 15.5							
Piping connections - Drain	Liquid (Flare)	Ø 6.4		Ø 9.5					
	Gas (Flare)	Ø 12.7		Ø 15.9					
	Indoor unit (mm)	VP25 (I.D Ø25 x O.D Ø32)							
	Outdoor unit (mm)	Ø 26.0 (Hole)							
Max. interunit piping length	m	50 (Equivalent length 70)		75 (Equivalent length 90)					
Max. installation level difference	m	30							
Heat insulation		Both liquid and gas piping							

Notes: 1. The rated capacity is measured in accordance with AS/NZS 3823.1.1
2. The cooling (or heating) output capacity will be reduced below the rated value as the outdoor temperature approaches the maximum (or minimum) outdoor temperature operating range limit.

3. The specifications, designs & information in this flyer are subject to change without notice. Unit colours shown are as close as possible to actual unit colours. Colours depicted in this flyer may vary slightly.

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