

SKY AIR WALL MOUNTED



Perfecting the Air

HEATING AND COOLING SOLUTIONS

SkyAir

ULTIMATE FLEXIBILITY

Wall Mounted Type
FTXC / FAA Series

A sophisticated wall mounted unit with wide angle airflow and long air throw for greater comfort even on the far side of the room. Long pipe connection is available up to **75m** where any of application needs.

KEY FEATURES:

- Vertical auto-swing with 5-step airflow direction
- Extra high fan speed setting for increased reach
- R32 refrigerant for enhanced efficiency and lower Global Warming Potential and lower Global Warming Potential



REUSE OF EXISTING PIPING

Simplify installation by reusing existing pipes. Reuse of existing pipes may be particularly convenient in circumstances like: pipes are buried 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 3 fan speed. Comfort ensured by 'Auto'* airflow rate that matches load level which is convenient energy-efficiency for stores with peak and quiet periods.

* "Auto" is applicable when BRC1E63 is used.



REVERSE
CYCLE

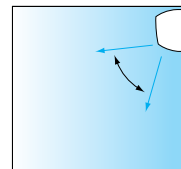
6.0kW
-TO-
11.2kW **8**
RATED HEATING
CAPACITIES
MODELS
(SINGLE & THREE PHASE)



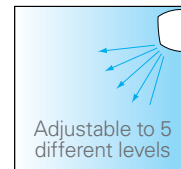
Compact design & easy installation

Daikin's SkyAir R32 Wall Mounted air conditioning system is designed to be compact, powerful and yet facilitate easy installation. Offering six refrigerant piping directions for greater flexibility, extra high fan speed setting for longer throws and vertical auto swing function with 5-step airflow direction for increased comfort.

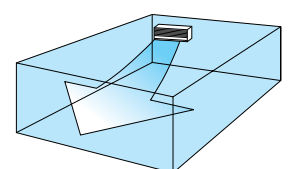
Auto-swing



5-level air
direction setting



Carry air to the far side of
long rooms (high setting)



OPTIONAL DRAIN PUMP KIT

Drain outlet available on both left & right side of the indoor unit.



COMFORT OPERATION

- Auto swing (up and down) and wide-angle louvers
- An air discharge modes ensure comfortable air distribution across the entire room
- Comfort even on the far side of the room
- Switchable fan speed: 3 steps and Auto
- Dry Programme controlled by microprocessor
- Installation Flexibility

SPECIFICATIONS Premium Inverter series (Single & Three Phase)



MODEL NAME	Power Supply	1 Phase (220-240V, 50Hz)	Indoor Unit	FTXC50AV1A	FTXC60AV1A	FTXC71AV1A	FTXC85AV1A	FTXC100AV1A
			Outdoor Unit	RXC50AV1A	RXC60AV1A	RXC71AV1A	RXC85AV1A	RXC100AV1A
		3 Phase (380-415V, 50Hz)	Indoor Unit	-	-	FAA71BVMA	FAA85BVMA	FAA100BVMA
			Outdoor Unit	-	-	RZAV71CY1	RZAV85CY1	RZAV100CY1
Cooling capacity ¹ Rated (Min. - Max.)			kW	5.0 (1.4-6.0)	6.0 (1.4-7.1)	7.1 (3.2-8.0)	8.5 (4.0-10.0)	10.0 (5.0-11.2)
Heating capacity ² Rated (Min. - Max.)			kW	6.0 (1.4-7.1)	7.1 (1.4-8.0)	8.0 (3.5-9.0)	10.0 (4.1-11.2)	11.2 (5.1-12.5)
Power consumption		Cooling ¹	kW	1.45	1.80	2.22	2.59	3.11
		Heating ²	kW	1.61	2.05	2.37	3.01	3.48
EER		Cooling	kW/kW	3.45	3.34	3.20	3.28	3.22
COP		Heating	kW/kW	3.73	3.46	3.38	3.32	3.22
AEER*		Cooling		3.33	3.24	3.13	3.22	3.17
ACOP*		Heating		3.61	3.38	3.31	3.27	3.17
TCSPF* (Cooling) Commercial / Residential		Hot		5.31 / 4.81	5.02 / 4.58	4.86 / 4.46	5.01 / 4.61	5.03 / 4.63
		Average		5.24 / 4.02	4.99 / 3.94	4.89 / 3.94	5.07 / 4.12	5.13 / 4.18
		Cold		5.55 / 4.03	5.29 / 3.98	5.20 / 4.02	5.41 / 4.23	5.49 / 4.33
HSPF* (Heating) Commercial / Residential		Hot		5.39 / 5.36	5.16 / 5.13	4.47 / 4.46	4.49 / 4.48	4.66 / 4.64
		Average		4.96 / 4.64	4.71 / 4.38	4.16 / 3.94	4.17 / 3.93	4.25 / 3.95
		Cold		4.50 / 4.14	4.22 / 3.84	3.79 / 3.52	3.77 / 3.49	3.77 / 3.42
Indoor Unit	Colour			Fresh white				
	Airflow rate (H / M / L)		l/s	300 / 267 / 233			433 / 383 / 317	
			m³/min	18.0 / 16.0 / 14.0			26.0 / 23.0 / 19.0	
	Sound pressure level (H / M / L)		dB(A)	45.0 / 42.0 / 40.0			49.0 / 45.0 / 41.0	
	Sound power level (H / M / L)		dB(A)	61 / 58 / 56			65 / 62 / 58	
	Dimensions (HxWxD)		mm	290X1,050X238			340X1,200X240	
	Machine weight		kg	13			17	
	Certified	Cooling	°CWB	14 to 25				
Operation range		Heating	°CDB	15 to 27				
Outdoor Unit	Colour			Ivory white				
	Compressor	Type		Hermetically sealed swing type				
		Motor output	kW	1.3		2.4	3.3	
	Refrigerant charge (R-32)		kg	1.35 (Charged for 30 m)		2.60 (Charged for 30 m)	2.90 (Charged for 30 m)	3.75 (Charged for 30 m)
	Sound pressure level	Cooling / Heating	dB(A)	48 / 51		48 / 50	52 / 53	51 / 53
		Night quiet mode	dB(A)	44			48	47
	Sound power level		dB(A)	68		67	71	70
	Dimensions (HxWxD)		mm	595 x 845 x 300			990 x 940 x 320	
	Machine weight		kg	45		69	78	93
	Certified	Cooling	°CDB	-5 to 50				
		Heating	°CWB	-15 to 15.5				
Piping connections	Liquid (Flare)		mm	ø6.4		ø9.5		
	Gas (Flare)		mm	ø12.7		ø15.9		
	Drain	Indoor Unit	mm	VP13 (I.D ø13 x O.D ø18)				
		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: ¹Rated cooling capacities are based on the following conditions: Indoor temp., 27°CDB, 19°CWB; outdoor temp. 35°CDB, 24°CWB. Equiv. refrigeration piping, 7.5 m (horizontal).

²Rated heating capacities are based on the following conditions: Indoor temp., 20°CDB, 15°CWB; outdoor temp., 7°CDB, 6°CWB. Equiv. refrigeration piping, 7.5 m (horizontal).

*Values based on the Energy Efficiency (Energy Using Products) Amendment Regulations 2020.

TCSPF: Total Cooling Seasonal Performance Factor

HSPF: Heating Seasonal Performance Factor

In simple terms, TCSPF & HSPF represents the ratio of the Total Cooling & Heating capacity of the air-conditioner relative to the Total energy consumed by the air-conditioner during the Total Cooling & Heating operation periods in a year. Whereas the previous index of AEER & ACOP was calculated using only one representative outdoor temperature (35°C for cooling and 7°C for heating), the new index of TCSPF & HSPF uses a broader range of annual outdoor temperatures* as stipulated in AS/NZS 3823.4.1:2014.

Further, the annual outdoor temperatures are based on zoning Australia/ New Zealand into three distinct climate zones (Hot/Average/Cold). This allows you to determine the performance efficiency of different air-conditioners by comparing their TCSPF & HSPF within the same climate zone.

* Residential & Commercial TCSPF/HSPF are calculated based on different annual outdoor temperatures.

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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