

# SKY AIR WALL MOUNTED



The World Leading Heat Pump Company



HEATING AND COOLING SOLUTIONS

## SkyAir

### LIGHT COMMERCIAL

#### Wall Mounted Type FAA Series

6.0kW

-TO-

11.2kW

RATED HEATING  
CAPACITIES

8

MODELS  
(SINGLE & THREE PHASE)

REVERSE  
CYCLE



(OPTIONAL)

A sophisticated wall mounted unit with wide angle airflow and long air throw for greater comfort even on the far side of the room.

#### 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

### Compact design and 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.



#### 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.



#### ENERGY SAVING

New premium inverter series achieved higher EER than current inverter series with latest Daikin technology.

#### 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

\* "Auto" is applicable when BRC1E63 is used.

## SPECIFICATIONS Premium Inverter series (Single Phase)

INDOOR UNIT		FAA50BAVMA	FAA60BAVMA	FAA71BVMA	FAA85BVMA	FAA100BVMA
OUTDOOR UNIT		RZAV50CV1	RZAV60CV1	RZAV71CV1	RZAV85CV1	RZAV100CV1
Power Supply		1 Phase, 220-240V, 50Hz				
Rated Capacity (Capacity Range)	Cool (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)
	Heat (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	Cool (kW) / Heat (kW)	1.45 / 1.61	1.80 / 2.05	2.22 / 2.37	2.59 / 3.01	3.11 / 3.48
E.E.R	Cool(kW)	3.45	3.34	3.20	3.28	3.22
C.O.P	Heat (kW)	3.73	3.46	3.38	3.32	3.22
Indoor Unit	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 / HM / M / ML / L)	dBA	45.0 / 42.0 / 40.0			49.0 / 45.0 / 41.0
	Dimensions (HxWxD)	mm	290x1,050x238			340x1,200x240
	Weight	kg	13			17
Certified Operation Range	Cool (°CWB) / Heat (°CDB)	14 to 25 / 15 to 27				
Outdoor Unit	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
	Sound pressure level	Cool (dBA) / Heat (dBA)	48 / 51	48 / 50	52 / 53	51 / 53
		Night quiet mode (dBA)	44			48
	Sound power level	dBA	68	67	71	70
	Dimensions (HxWxD)	mm	595x845x300	990x940x320		1,430x940x320
Machine weight	kg	45	69	78	93	
Certified Operation Range	Cool (°CDB) / Heat (°CWB)	-5 to 50 / -15 to 15.5				
Piping connections	Liquid (Flare) / Gas (Flare)	Ø 6.4 / Ø 12.7		Ø 9.5 / Ø 15.9		
	Indoor unit drain (mm)	VP13 (I.D Ø13 x O.D Ø18)				
	Outdoor unit drain (mm)	Ø 26.0 (Hole)				
Max. interunit piping length	m	50 (Equivalent length 70)		75 (Equivalent length 90)		
Max. installation level difference	m	30				

## SPECIFICATIONS Premium Inverter series (Three Phase)

INDOOR UNIT		FAA71BVMA	FAA85BVMA	FAA100BVMA	
OUTDOOR UNIT		RZAV71CY1	RZAV85CY1	RZAV100CY1	
Power Supply		3 Phase, 380-415V, 50Hz			
Rated Capacity (Capacity Range)	Cool (kW)	7.1 (3.2-8.0)	8.5 (4.0-10.0)	10.0 (5.0-11.2)	
	Heat (kW)	8.0 (3.5-9.0)	10.0 (4.1-11.2)	11.2 (5.1-12.5)	
Power consumption	Cool (kW) / Heat (kW)	2.22 / 2.37	2.59 / 3.01	3.11 / 3.48	
E.E.R	Cool(kW)	3.20	3.28	3.22	
C.O.P	Heat (kW)	3.38	3.32	3.22	
Indoor Unit	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 / HM / M / ML / L)	dBA	45.0 / 42.0 / 40.0		49.0 / 45.0 / 41.0
	Dimensions (HxWxD)	mm	290x1,050x238		340X1,200X240
	Weight	kg	13		17
Certified Operation Range	Cool (°CWB)	14 to 25			
	Heat (°CDB)	15 to 27			
Outdoor Unit	Compressor	Type	Hermetically sealed swing type		
		Motor output (kW)	2.40	3.30	
	Refrigerant charge (R-32)	kg (Charged for 30m)	2.60	2.90	3.75
	Sound pressure level	Cool (dBA) / Heat (dBA)	48 / 50	52 / 53	51 / 53
		Night quiet mode (dBA)	44	48	47
	Sound power level	dBA	67	71	70
	Dimensions (HxWxD)	mm	990X940X320		1,430X940X320
Machine weight	kg	69	78	93	
Certified Operation Range	Cool (°CDB) / Heat (°CWB)	-5 to 50 / -15 to 15.5			
Piping connections	Liquid (Flare) / Gas (Flare)	Ø 9.5 / Ø 15.9			
	Indoor unit drain (mm)	VP13 (I.D Ø13 x O.D Ø18)			
	Outdoor unit drain (mm)	Ø 26.0 (Hole)			
Max. interunit piping length	m	75 (Equivalent length 90)			
Max. installation level difference	m	30			

- Notes:
- The rated capacity is measured in accordance with AS/NZS 3823.1.1
  - 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.

- 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.