



The World Leading Heat Pump Company



## HEATING AND COOLING SOLUTIONS

# SKY AIR

## Slim Line Ducted Type

Compact duct installation for even narrowest ceiling spaces

### KEY FEATURES:

- Industry leading height at 245mm
- Automatic Airflow Adjustment
- R32 refrigerant for enhanced efficiency and lower Global Warming Potential
- ESP of up to 150 Pa

## Thinner design allows greater installation flexibility

Compact units only 245 mm high mean installation is possible even in buildings with narrow ceiling spaces.

If you want a new HFC refrigerant with zero ozone depletion potential, which also has a lower global warming potential than R-410A, use R-32. Achieving new levels of energy efficiency while responding to environmental needs, Daikin has redesigned the SkyAir series from the ground up using R-32, which has a third of the global warming potential.

REVERSE  
CYCLE

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



**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.



### AUTOMATIC AIR FLOW ADJUSTMENT

Indoor unit enables automatically select the optimal fan curve (out of the available 15) corresponding to the duct resistance in the field.



### ENERGY SAVING

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

## THINNER DESIGN, INSTALLATION FLEXIBILITY

Installation is possible even in buildings with narrow ceiling spaces. One of the industry's most compact bodies in the mid-static pressure range.

INDOOR UNIT	50 / 60BA / 71B	85 / 100 / 125 / 140B
Height (mm)	245	
Width (mm)	1,000	1,400
Depth (mm)	800	

## COMFORT OPERATION

- Switchable fan speed: 3 steps and Auto
- Silver ion anti-bacterial drain pan
- Airflow rate auto adjustment function
- Interlock control as an energy saving feature
- DIII-NET communication standard
- High Efficiency, DC fan motor and DC drain pump
- Easy maintenance
- Adjustable E.S.P. within a range of 50 Pa to 150 Pa by using a DC fan motor

## SPECIFICATIONS Premium Inverter series (Single Phase)

INDOOR UNIT		FBA50BAVMA	FBA60BAVMA	FBA71BVMA	FBA85BVMA	FBA100BVMA	FBA125BVMA	FBA140BVMA	
OUTDOOR UNIT		RZAV50CV1	RZAV60CV1	RZAV71CV1	RZAV85CV1	RZAV100CV1	RZAV125CV1	RZAV140CV1	
Power Supply	Indoor/Outdoor	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)	1.37	1.67	2.02	2.30	2.72	3.68	4.08	
	Heat (kW)	1.41	1.71	1.99	2.50	2.81	3.72	4.51	
E.E.R	Cool(kW)	3.65	3.60	3.51	3.70	3.68	3.40	3.43	
C.O.P	Heat (kW)	4.26	4.14	4.02	4.00	3.99	3.76	3.55	
Indoor Unit	Colour	-							
	Fan airflow rate (H / M / L)	ℓ/s	300 / 250 / 208		383 / 325 / 267		533 / 450 / 375		600 / 508 / 417
		m <sup>3</sup> /min	18.0 / 15.0 / 12.5		23.0 / 19.5 / 16.0		32.0 / 27.0 / 22.5		36.0 / 30.5 / 25.0
	Fan external static pressure	Rated 50 (50-150)							
	Sound pressure level (H / M / L)	dBA	35.0 / 33.0 / 31.0		38.0 / 35.0 / 33.0		38.0 / 35.5 / 33.0		40.0 / 37.5 / 35.0
		dBA	63		66		68		68
	Air filter	-							
	Dimensions (HxWxD)	mm	245x1,000x800			245x1,400x800			
	Machine weight	kg	37			47			
	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
		kg	1.35		2.60		2.90		3.75
	Sound pressure level	Cool (dBA)	48		52		51		52
		Heat (dBA)	51		50		53		54
		Night quiet mode (dBA)	44		48		47		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)	-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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