

# SKY AIR CEILING SUSPENDED



The World Leading Heat Pump Company



## HEATING AND COOLING SOLUTIONS

# SKY AIR

## Ceiling Suspended Type

Daikin's Ceiling Suspended indoor unit can keep cool even the largest of spaces without compromising wall space.

### KEY FEATURES:

- Suitable for high ceilings of up to 4.3m
- Vertical auto-swing, now with 5 fan speed settings
- R32 refrigerant for enhanced efficiency and lower Global Warming Potential

## Comfortable airflow travels throughout the room

Daikin's SkyAir Ceiling Suspended air conditioning system can keep cool even the largest of spaces without compromising wall space. The unit can be adapted to ceiling heights of up to 4.3m (85-140BVMA models), featuring wide angle louvre (manually configured) and vertical auto swing function.

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 of R410A.

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.



### 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.



### ENERGY SAVING

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

## SUITABLE FOR HIGH CEILINGS

	50-71B(A)	85/100B	125/140B
Standard	2.7m or less	3.8m or less	4.3m or less
High Ceiling	2.7m - 3.5m	3.8m - 4.3m	-

Note: Factory setting is **Standard**.

**High Ceiling** are set with remote controller by field setting.

## COMFORT OPERATION

- DC fan motor, wide sirocco fan, and large heat exchanger combine for greater airflow and quiet operation.
- Auto swing (up and down) and wide-angle louvers
- Louver manually adjusts for straight or wide angle airflow
- Suitable for high ceilings
- Switchable fan speed: 5 steps and Auto
- Easy maintenance
- Oil resistance grille satisfy durability

## SPECIFICATIONS Premium Inverter series (Single Phase)

INDOOR UNIT		FHA50BAVMA	FHA60BAVMA	FHA71BVMA	FHA85BVMA	FHA100BVMA	FHA125BVMA	FHA140BVMA	
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)	1.42	1.80	2.12	2.51	2.78	3.65	4.13	
	Heat (kW)	1.66	2.09	2.26	2.75	3.09	4.06	4.76	
E.E.R	Cool(kW)	3.51	3.33	3.35	3.38	3.60	3.42	3.39	
C.O.P	Heat (kW)	3.62	3.39	3.54	3.63	3.62	3.45	3.36	
Indoor Unit	Colour	White							
	Airflow rate (H / HM / M / ML / L)	ℓ/s	250 / 225 / 200 / 183 / 167	342/313/283/258/233		467 / 433 / 400 / 367 / 333	517/483/450/417/383	567/525/483/442/400	
		m/min	15.0 / 13.5 / 12.0 / 11.0 / 10.0	20.5/18.8/17.0/15.5/14.0		28.0 / 26.0 / 24.0 / 22.0 / 20.0	31.0/29.0/27.0/25.0/23.0	34.0/31.5/29.0/26.5/24.0	
	Sound pressure level (H / HM / M / ML / L)	dBA	37.0 / 36.0 / 35.0 / 33.5 / 32.0		38.0 / 37.0 / 36.0 / 35.0 / 34.0	42.0 / 40.0 / 38.0 / 36.0 / 34.0		44.0 / 42.5 / 41.0 / 39.0 / 37.0	46.0 / 44.0 / 42.0 / 40.0 / 38.0
	Dimensions (HxWxD)	mm	235x960x690		235x1,270x690		235x1,590x690		
	Weight	kg	25		32		38		
		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)	VP20 (I.D Ø20 x O.D Ø26)							
	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.

Your Local Daikin Specialist Dealer:



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