

CEILING SUSPENDED UNIT

Daikin air conditioners for shops, restaurants and offices

FH-BJ



indoor unit FH60FA7



Stylish & elegant

- Air flow distribution for ceiling heights up to 3.8m without capacity loss
- Even more compact casing (only 960 mm width)
- Leaves maximum floor and wall space for furniture, decoration and fittings
- Extremely quiet in operation both indoors and outdoors
- Automatic air flow director ensures uniform airflow and temperature distribution

Easy to install

- Up to 5 indoor units can be connected to 1 Multi outdoor unit. All indoor units are individually controllable with remote control and do not need to be installed in the same room.
- The outdoor units can easily be mounted on a roof, a terrace or placed against an outside wall.



outdoor unit R35DB

Easy control at your fingertips

- The wired remote control has following features:
 - A real time clock
 - A schedule timer:
 - Possibility to program a weekly schedule timer
 - Possibility to program 5 actions for each day of the week
 - Home leave (frost protection): during absence, the indoor temperature can be maintained at a certain level. This function can also switch the unit ON/OFF.
 - Limit operation (min./max.): room temperature is controlled within adjustable upper and lower limits. This can be activated manually or by schedule timer.
- Remote ON/OFF, forced OFF:
 - Remote ON/OFF: e.g. your air conditioning can be started/stopped from a mobile phone via a telephone remote control (field supply).
 - Forced OFF: e.g. air conditioning is switched off automatically if a window is opened.



infrared remote control (optional)



wired remote control (optional)



central remote control (optional)



auto restart



dry programme



fan only



air filter



self diagnosis



fan speed 2 steps



whisper quiet



timer



multi model application



energy efficiency



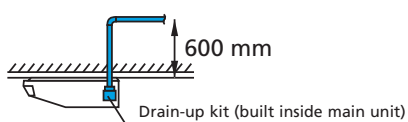
*Maximum comfort with wide angle,
long throws air distribution in restricted spaces*

Comfortable air flow

Wide angle discharge louvers provide a 100deg air flow pattern, ensuring comfortable air flow in all directions.

Easy installation and maintenance

- Provided with a high drain up pump with increased lift of 600mm. (optional)



- The reduced lateral servicing space enables the unit to be easily installed in corners and narrow spaces on walls and ceilings.

Capacity and power input

COOLING ONLY	INDOOR UNIT		FH35BJV15	FH45BJV15	FH60BJV15
	OUTDOOR UNIT		R35DBV11B	R45DBV11B/W11B	R60FA7V15/W15
Cooling capacity		kW	4.05	5.35	6.50
Power input		kW	1.50	2.15	2.78



Specifications indoor units

COOLING ONLY			FH35BJV15	FH45BJV15	FH60BJV15
Dimensions	HxWxD	mm	195x960x680		195x1,160x680
Weight		kg	23	24	26
Colour			white		
Air flow rate	H/L	m³/min	13/10	16/13	16/13
Fan speed			2 steps		
Sound pressure level	H/L	dB(A)	37/32	38/33	38/33
Sound power level	H/L	dB(A)	53/48	54/49	54/49
Piping connections	liquid (flare)	mm	Ø6.4	Ø6.4	Ø6.4
	gas (flare)	mm	Ø12.7	Ø15.9	Ø15.9
	drain (VP20)	I.D.mm	Ø20	Ø20	Ø20
		O.D.mm	Ø26	Ø26	Ø26
Heat insulation			both liquid and gas pipes		

Accessories: control systems

INDOOR UNITS		35	45	60
Infrared remote control	cooling only		BRC7E66	
Wired remote control			BRC1D527	
Central remote control			DCS302B51	
Unified ON/OFF control			DCS301B51	
Schedule timer			DST301B51	
Adapter for wiring (interlock for fresh air intake)			KRP1B54	
Wiring adapter for electrical appendices*			KRP4A52	
Interface adapter for sky air series			DTA102A52	
Installation box for adapter PCB			KRP1C93	

* Installation box for adapter PCB (KRP1C93) is necessary

Accessories

INDOOR UNITS		35	45	60
Replacement long life filter			KAFJ501D56	KAFJ501D80
Drain up kit			KDU50B50VE	KDU50B71VE
L-type piping kit for upward direction	for FH	KHFJ5F50		KHFJ5F60



Specifications outdoor units

COOLING ONLY			R35DBV11B	R45DBV11B/W11B	R60FA7V15/W15
Dimensions	HxWxD	mm	540x750x270		660x880x350
Weight		kg	39	45	64
Casing colour			ivory white		
Sound pressure level	H	dB(A)	48	50	54
Sound power level	H	dB(A)	61	63	67
Compressor		type	hermetically sealed rotary		
Refrigerant charge	R-22	kg	1.4	1.57	1.7
Max. piping length		m	25	25	25
Max. level difference		m	15	15	15
Standard operation range	from~to	°CDB	-15~46	-15~46	-15~46

Note:

- 1) V1(1) = 1~,230V,50Hz; W1(1) = 3N~,400V,50Hz
- 2) Nominal cooling capacities are based on: indoor temperature 27°CDB/19°CWB • outdoor temperature 35°CDB • refrigerant piping length 7.5m • level difference 0m.
- 3) Capacities are net, including a deduction for cooling • for indoor fan motor heat.
- 4) Units should be selected on nominal capacity. Max. capacity is limited to peak periods.
- 5) The sound pressure level is measured via a microphone at a certain distance from the unit (for measuring conditions: please refer to the technical databooks).
- 6) The sound power is an absolute value indicating the "power" which a sound source generates.
- 7) R-22 cooling only models, which are produced after 01/07/2002, cannot be sold inside countries that follow the European Regulation n° 2037/2000 EC of 29/09/2000.

Daikin cares for our environment



Daikin's unique position as a manufacturer of air conditioning equipment, compressors and refrigerants has led to its close involvement in environmental issues. For several years Daikin has had the intention to become a leader in the provision of environmental friendly products. This challenge demands the eco design and development of a wide range of products and an energy management system; which involves energy conservation and reduction of waste.

Daikin products are distributed by:



Daikin units comply with the European regulations that guarantee the safety of the product.



Daikin Europe N.V. is participating in the EUROVENT Certification Programme. Products are as listed in the EUROVENT Directory of Certified Products.



Daikin Europe N.V. is approved by LRQA for its Quality Management System in accordance with the ISO9001 standard. ISO9001 pertains to quality assurance regarding design, development, manufacturing as well as to services related to the product.



ISO14001 assures an effective environmental management system in order to help protect human health and the environment from the potential impact of our activities, products and services and to assist in maintaining and improving the quality of the environment.

Specifications are subject to change without prior notice.

DAIKIN EUROPE N.V.

Zandvoordestraat 300
B-8400 Oostende, Belgium
www.daikineurope.com