

Daikin air conditioners
for shops, restaurants and offices

4-WAY BLOW CEILING SUSPENDED UNIT



www.daikineurope.com

FUYP-B





The 4-way blow ceiling suspended cassettes are the ideal solution for rooms, shops or offices without false ceilings. Since they are installed directly into the ceiling they do not take up any floor or wall space.

These indoor units are an excellent solution for larger areas with high occupancy.

COMFORT

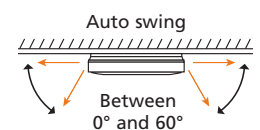
- Air flow distribution for **ceiling heights** up to 3.5m without loss of capacity.
- To maximize your comfort, you are able to select several **air flow patterns** from your remote control:

Draught prevention (heating mode):

Prevents draughts by automatically changing to horizontal air flow discharge when heating mode is started up.

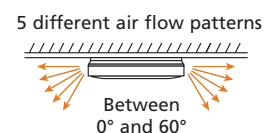
Auto swing:

Vertical auto swing automatically moves the flaps up and down to distribute air effectively throughout the whole room.



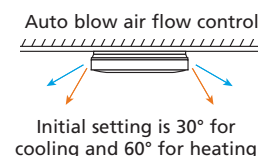
5 different air flow patterns:

All five different air flow patterns between 0° and 60° can be freely selected. The chosen air flow pattern will be maintained during the operation of the air conditioner.



Auto blow air flow control:

The last selected air flow pattern is memorized and automatically reset the next time the unit is turned ON. Initial setting is 30° for cooling and 60° for heating.



- You have the choice of 2 **fan speeds** to select: high or low. A high fan speed provides maximum reach while a low fan speed minimizes drafts.
- Daikin's special **dry programme** reduces humidity in the room without variations in room temperature.
- The indoor unit contains an air **filter** which removes microscopic particles and dust.

Capacity and power input

COOLING ONLY (air cooled)			INDOOR UNIT	FUYP71BV17	FUYP100BV17	FUYP125BV17			
			OUTDOOR UNIT	RP71L7V1/W1 RP71B7T1	RP100L7V1/W1 RP100B7T1	RP125L7W1 RP125B7T1			
Cooling capacity		kW		7.10	10.00	12.20/12.50			
Nominal input		kW		2.71/2.65/2.64	3.83/3.83/3.61	4.59/4.66			
EER				2.62/2.68/2.69	2.61/2.61/2.77	2.66/2.68			
Energy label				D/D/D	D/D/D	D/D			
Annual energy consumption	cooling	kWh		1,355/1,325/1,320	1,915/1,915/1,805	2,295/2,330			
HEAT PUMP (air cooled)			INDOOR UNIT	FUYP71BV17	FUYP100BV17	FUYP125BV17	FUYP71BV17	FUYP100BV17	FUYP125BV17
			OUTDOOR UNIT	RYP71L7V1/W1	RYP100L7V1/W1	RYP125L7W1	RYEP71L7V1/W1	RYEP100L7V1/W1	RYEP125L7W1
Cooling capacity		kW		7.10	10.00	12.20	7.10	10.00	12.20
Heating capacity		kW		8.00	11.00	14.00	8.00	11.00	14.00
Nominal input	cooling	kW		2.70/2.65	3.83/3.78	4.52	2.72/2.71	3.92/3.93	4.52
	heating	kW		2.48/2.34	3.51/3.48	4.35	2.49/2.45	3.62/3.63	4.35
EER				2.63/2.68	2.61/2.65	2.70	2.61/2.62	2.55/2.54	2.70
COP				3.23/3.42	3.13/3.16	3.22	3.21/3.27	3.04/3.03	3.22
Energy label	cooling			D/D	D/D	D	D/D	E/E	D
	heating			C/B	D/D	C	C/C	D/D	C
Annual energy consumption	cooling	kWh		1,350/1,325	1,890/1,915	2,260	1,360/1,355	1,960/1,965	2,260

1) Energy label : Scale from A (most efficient) to G (less efficient).

2) Annual energy consumption: based on average use of 500 running hours per year at full load (= nominal conditions).

3) The Energy Label Directive 2002/31/EC will enter into force once the relevant measurement standard will be published in the European Official Standard.

Specifications indoor units

COOLING ONLY / HEAT PUMP				FUYP71BV17	FUYP100BV17	FUYP125BV17
Dimensions	HxWxD	mm		165x895x895	230x895x895	
Weight		kg		25	31	
Colour				white		
Air flow rate	cooling	H/L	m ³ /min	19/14	29/21	32/23
	heating	H/L	m ³ /min	19/14	29/21	32/23
Fan speed				2 steps		
Sound pressure level	cooling	H/L	dB(A)	40/35	43/38	44/39
	heating	H/L	dB(A)	40/35	43/38	44/39
Sound power level	cooling	H/L	dB(A)	56/51	59/54	60/55
	heating	H/L	dB(A)	56/51	59/54	60/55
Piping connections	liquid (flare)		mm	Ø 9.5		
	gas (flare)		mm	Ø 15.9	Ø 19.1	
	drain (VP20)		ID mm	Ø 20		
			OD mm	Ø 26		
Heat insulation				both liquid and gas pipes		

Indoor units : FUYP-B



FUYP71B

Specifications outdoor units

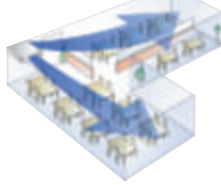
COOLING ONLY			RP71L7V1/W1	RP71B7T1	RP100L7V1/W1	RP100B7T1	RP125L7W1	RP125B7T1	
Dimensions	HxWxD	mm	770x900x320	860x880x320	1,170x900x320	1,215x880x320	1,170x900x320	1,215x880x320	
Weight		kg	79/78	85	100/99	98	104	100	
Casing colour			Ivory white						
Sound pressure level	H	dB(A)	50	50	53	53	53	53	
Sound power level	H	dB(A)	63	63	66	66	67	67	
Compressor		type	Hermetically sealed scroll						
Refrigerant charge	R-407C	kg	2.8	3.1	3.7	3.6	3.7	3.9	
Maximum piping length		m	70						
Maximum level difference		m	30						
Operation range	from~to	°CDB	-15~46						
HEAT PUMP			RYP71L7V1/W1	RYP100L7V1/W1	RYP125L7W1	RYEP71L7V1/W1	RYEP100L7V1/W1	RYEP125L7W1	
Dimensions	HxWxD	mm	770x900x320	1,170x900x320		770x900x320	1,170x900x320		
Weight		kg	90/79	102/101	106	75/73	93/91	106	
Casing colour			Ivory white			Ivory white			
Sound pressure level	cooling	H	dB(A)	50	53	53	57	57	
	heating	H	dB(A)	52	55/56	56	59	59	
Sound power level	cooling	H	dB(A)	63	66	67	70	70	
	heating	H	dB(A)	63	66	67	70	70	
Compressor		type	Hermetically sealed scroll			Hermetically sealed scroll			
Refrigerant charge	R-407C	kg	2.8	3.7		2.2	3.5		
Maximum piping length		m	70			50			
Maximum level difference		m	30			30			
Operation range	cooling	from~to	°CDB	-5~46			+10~43		
	heating	from~to	°CWB	-10~15			-10~15		



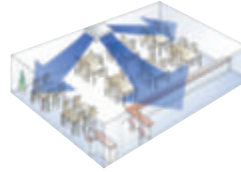
FLEXIBLE INSTALLATION, EASY TO USE AND MAINTAIN

- The **air** is discharged in 4 directions.
- It is possible to **shut off one or 2 flaps** enabling the unit to be installed in the middle of the room, in a corner or in a small room.

2-Way blow



3-Way blow

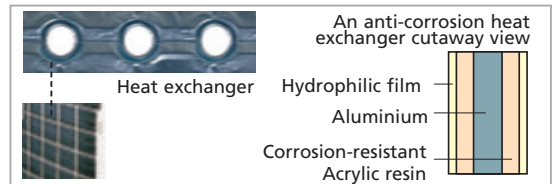


4-Way blow



- The **outdoor unit** can be installed on a roof or terrace or placed against an outside wall.

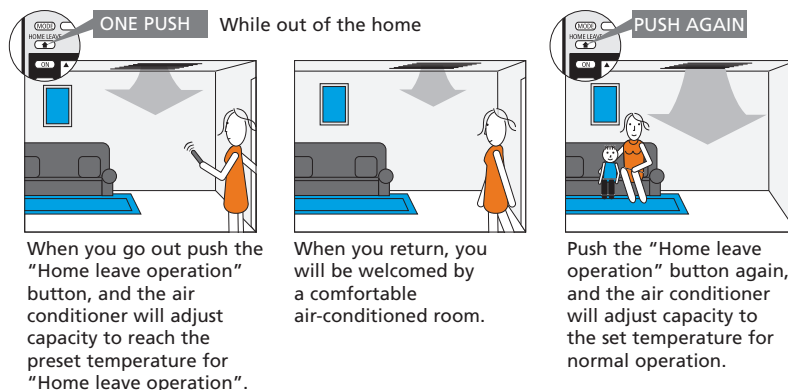
- Special **anti-corrosion treatment** of the outdoor unit's heat exchanger fin, gives greater resistance against acid rain and salt corrosion. Additional resistance is provided by a rustproof steel sheet on the underside of the unit.



- Daikin **remote controls** give you easy control at your fingertips.
- The **wired remote control** provides you with a schedule timer, enabling the air conditioning to be programmed daily or weekly.
- The optional **remote ON/OFF** enables you to start/stop the air conditioning from a mobile phone via a telephone remote control (field supply). The optional **forced OFF** enables you to switch off the unit automatically. E.g. when a window is opened, the unit switches off.

ENERGY EFFICIENT

- Energy label: up to class B
- The **'home leave' operation** button prevents large temperature differences by continuously operating at a minimum (heating mode) or maximum (cooling mode) preset level while you're out or sleeping. It also allows the indoor temperature to return quickly to your favourite comfort level.



Infrared remote control (Optional)



Wired remote control (Optional)

APPLICATION OPTIONS

- This model can be used for **cooling only or heating**.
- It is possible to use the indoor unit in **pair** (connecting one indoor to one outdoor), **twin** and **triple** application (connecting up to 3 indoors in the same room to a single outdoor).

Accessories: control systems

INDOOR UNITS		71	100	125
Infrared remote control	cooling only		BRC7C529W	
	heat pump		BRC7C528W	
Wired remote control			BRC1D527	
Central remote control			DCS302C51	
Unified ON/OFF control			DCS301B51	
Schedule timer			DST301B51	
Wiring adapter for electrical appendices (1)			KRP4A53	
Adapter for wiring (hour meter) (2)			EKRP1B2	
Installation box for adapter PCB			KRP1B97	
Remote sensor			KRCS01-1	
Interface adapter for sky air series			DTA102A52	
Remote ON/OFF, forced OFF			EKRORO	

(1) Installation box for adapter PCB (KRP1B97) is necessary

(2) Possibility to connect an hour meter (field supply). This part should not be installed inside the equipment.

Accessories

INDOOR UNITS	71	100	125
Sealing member of air discharge outlet	KDBHJ49F80		KDBHJ49F140
Decoration panel for air discharge	KDBTJ49F80		KDBTJ49F140
Vertical flap kit	KDGJ49F80		KDGJ49F140
Replacement long life filter		KAFJ495F140	
L-type piping kit for upward direction	KHFJ49F80		KHFJ49F140

Accessories

OUTDOOR UNITS	R(Y)(E)P71L7	R(Y)(E)P100L7	R(Y)(E)P125L7
Central drain plug		KKPJ5F180	
Refrigerant branch piping	twin	KHRQ22M20T7	
	triple	KHRP127HB7	

Note:

- 1) V1 = 1~, 230V, 50Hz; W1 = 3N~, 400V, 50Hz; T1 = 3~, 230V, 50Hz
- 2) Nominal cooling capacities are based on: indoor temperature 27°CDB/19°CWB • outdoor temperature 35°CDB • refrigerant piping length 75m • level difference 0m.
- 3) Nominal heating capacities are based on: indoor temperature 20°CDB • outdoor temperature 7°CDB/6°CWB • refrigerant piping length 75m • level difference 0m.
- 4) Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
- 5) Units should be selected on nominal capacity. Max. capacity is limited to peak periods.
- 6) 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).
- 7) The sound power is an absolute value indicating the "power" which a sound source generates.



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 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.



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



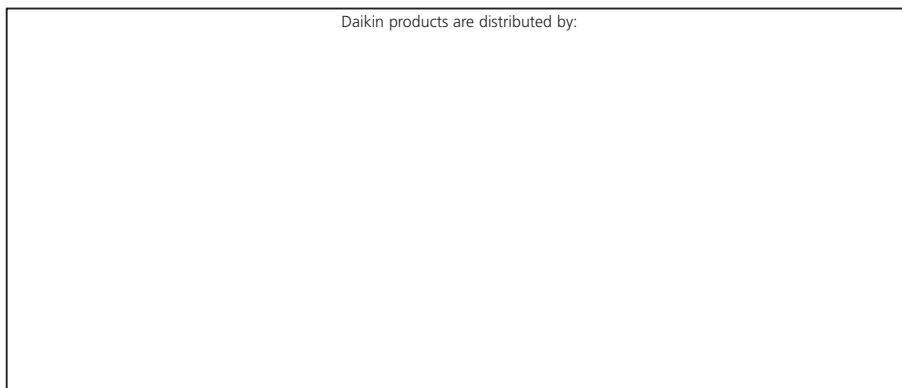
ISO14001 assures an effective environmental management system in order to help protect human health and the environment from the potential impact of our activities, products and services and to assist in maintaining and improving the quality of the environment.



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

Specifications are subject to change without prior notice.

Daikin products are distributed by:



DAIKIN EUROPE N.V.

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