

WALL MOUNTED UNIT

Daikin air conditioners for your home



indoor unit FT(Y)S20,25,35B



FT(Y)S-B



- remote control (standard)
- centralised remote control (optional)
- vertical auto swing
- auto restart
- powerful mode
- dry programme
- auto fan speed
- fan speed 5 steps
- fan only (FTS)
- air purification filter
- photocatalytic deodorising filter
- self diagnosis
- 24 hour timer
- whisper quiet
- energy efficiency
- night set mode
- auto cooling/heating changeover (FTYS)

Stylish & elegant

- Lightweight and compact
- Extremely quiet in operation both indoors and outdoors
- Automatic air flow director ensures uniform air flow and temperature distribution
- Powerful mode can be selected for rapid cooling or heating
- Air purification filter:
 - deodorises the air
 - helps to prevent bacterial and viral propagation
- Photocatalytic deodorising air filter:
 - powerfully decomposes cigarette and pet odours
 - removes house dust and pollen
 - deactivates bacteria and viruses
- Washable front panel

Easy to install

- The outdoor unit can easily be mounted on a roof or terrace or placed against an outside wall



outdoor unit R(Y)S20,25,35B

Easy control at your fingertips

- The remote control has a 24 hour timer
- The indoor model also has a start/stop button mounted on the front panel
- Up to 5 indoor units can be operated from a single centralised control
- Purpose-designed holder provided for your remote control





Photocatalytic deodorising filter



This filter is an anti-bacterial and deodorising filter, which powerfully decomposes cigarette and pet odours and also restrains the reproduction of bacteria or micro-organisms caught in the filter.

NEW

For the 50 and 60 class, the current air purification filter and photocatalytic deodorising filter are combined into 1 filter:



2 advantages:

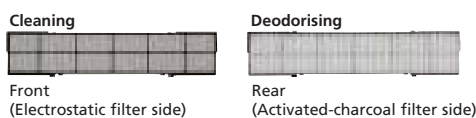
Unlike the current photocatalytic deodorising filter, this filter does not need to be exposed to the sun. The filter contains active components that are regenerated by the room light.

The filter does not have to be replaced for 3 years. It is sufficient to soak it in water once every 6 months (= long lasting effect!)

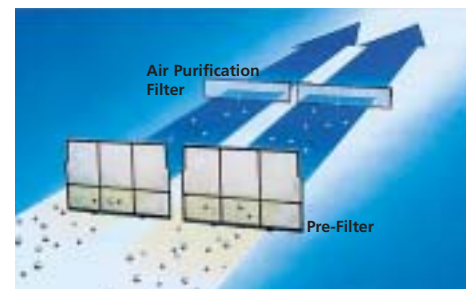


Air purification filter

The air purification filter traps fine dust as small as 0.01 microns to purify the air in a room. The filter is double-sided with an air-cleaning electrostatic filter on the front side and a deodorising activated charcoal filter on the rear side.



*Requires replacement only about once every 3 months.



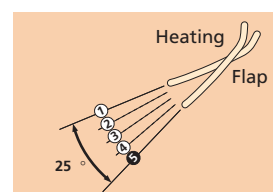
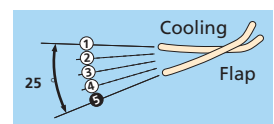
Auto swing

Vertical auto swing automatically moves the flaps up and down to ensure an even distribution of air.

When the air conditioner is turned off, the flaps shut automatically so that dust cannot enter.

The flap angle can precisely be controlled with a convenient five-step preset programme using the digital display on the remote control.

The angle is initially set on step 5, and each step represents a movement of 5°.



Capacity and power input

PAIR - COOLING ONLY (air cooled)	INDOOR UNIT		FTS20BVMB	FTS25BVMB	FTS35BVMB	FTS50BVMB	FTS60BVMB
	OUTDOOR UNIT		RS20BVMB	RS25BVMB	RS35BVMB	RS50BVMB	RS60BVMB
Capacity (nominal)	cooling	kW	2.00	2.50	3.15	5.00	6.00
Power input (nominal)	cooling	kW	0.69	0.89	1.12	1.66	2.12
EER			2.90	2.81	2.81	3.01	2.83
Energy label	cooling		C	C	C	B	C
Annual energy consumption	cooling	kW/h	345	445	560	830	1,060

PAIR-HEAT PUMP (air cooled)	INDOOR UNIT		FTYS20BVMB	FTYS25BVMB	FTYS35BVMB	FTYS50BVMB	FTYS60BVMB
	OUTDOOR UNIT		RYS20BVMB	RYS25BVMB	RYS35BVMB	RYS50BVMB	RYS60BVMB
Capacity (nominal)	cooling	kW	2.00	2.50	3.15	5.00	6.00
	heating	kW	2.60	3.30	4.10	5.80	7.00
Power input (nominal)	cooling	kW	0.69	0.89	1.12	1.66	2.12
	heating	kW	0.805	1.025	1.345	1.70	2.09
EER			2.90	2.81	2.81	3.01	2.83
COP			3.23	3.22	3.05	3.41	3.35
Energy label	cooling		C	C	C	B	C
	heating		C	C	D	B	C
Annual energy consumption	cooling	kW/h	345	445	560	830	1,060
	heating	kW/h	402.5	512.5	672.5	850	1,045

FT(Y)S20,25,35BVMB

FT(Y)S50BVMB

FT(Y)S60BVMB



Specifications indoor units

COOLING ONLY			FTS20BVMB	FTS25BVMB	FTS35BVMB	FTS50BVMB	FTS60BVMB
Dimensions	HxWxD	mm	273x784x185			290x795x230	290x1,050x230
Weight		kg	7.5	7.5	7.5	9	12
Front panel colour			white				
Air flow rate	cooling (H/L)	m ³ /min	7.5/3.9	7.8/4.2	8.0/4.5	11.5/8.3	16.4/11.6
Fan speed		steps	5 steps and auto				
Sound pressure level	cooling (H/L)	dB(A)	38/26	39/27	39/27	44/35	45/36
Sound power level	cooling (H)	dB(A)	54	55	55	63	63
Piping connections	liquid	mm	ø6.4			ø6.4	
	gas	mm	ø9.5			ø12.7	
	drain	mm	ø18.0			ø18.0	
Heat insulation			both liquid and gas pipes				
HEAT PUMP			FTYS20BVMB	FTYS25BVMB	FTYS35BVMB	FTYS50BVMB	FTYS60BVMB
Dimensions	HxWxD	mm	273x784x185			290x795x230	290x1,050x230
Weight		kg	7.5	7.5	7.5	9	12
Front panel colour			white				
Air flow rate	cooling (H/L)	m ³ /min	7.5/3.9	7.8/4.2	8.0/4.5	11.5/8.3	16.4/11.6
	heating (H/L)	m ³ /min	7.6/5.0	7.9/5.3	7.9/5.4	12.2/8.8	17.5/12.8
Fan speed		steps	5 steps and auto				
Sound pressure level	cooling (H/L)	dB(A)	38/26	39/27	39/27	44/35	45/36
	heating (H/L)	dB(A)	38/26	39/27	39/27	42/*	44/*
Sound power level	cool./heat. (H)	dB(A)	54/54	55/*	55/*	63/60	63/62
Piping connections	liquid	mm	ø6.4			ø6.4	
	gas	mm	ø9.5			ø12.7	
	drain	mm	ø18.0			ø18.0	
Heat insulation			both liquid and gas pipes				

* This information was not available at the time of publication.

Control systems

FT(Y)S-B		20	25	35	50	60
Wiring adapter for time clock/ remote control (1)	normal open contact					KRP413A1S
	normal open pulse contact					KRP413A1S
Centralised control board	up to 5 rooms (2)					KRC72
Central remote control						DCS302B51
Unified ON/OFF control						DCS301B51
Schedule timer						DCT301B51
Interface adapter (3)						KRP928A2S

(1) Wiring adapter is supplied by Daikin. Timer and other devices: field supply.

(2) Wiring adapter is also required for each indoor unit.

(3) For DIII-NET adapter

Accessories indoor units

FT(Y)S-B	20	25	35	50	60
Air purification filter, with frame	KAF925B41			-	
Air purification filter, without frame	KAF925B42			-	
Air purification filter, with deodorising function	-			KAF952A42	
Anti-theft protection for remote control	KKF910A4				



R(Y)S20,25,35BVMC



R(Y)S50,60BVMC

Specifications outdoor units

COOLING ONLY				RS20BVMC	RS25BVMC	RS35BVMC	RS50BVMC	RS60BVMC
Dimensions	HxWxD	mm	560x695x265			735x825x300		
Weight		kg	34		37		49	53
Casing colour	ivory white							
Sound pressure level	cooling (H/L)	dB(A)	47/*			47/*		49/*
Sound power level	cooling (H)	dB(A)	60			63		64
Compressor	hermetically sealed swing type							
Refrigerant type	R-410A							
Amount of additional charge		g/m	20 (for piping length exceeding 10m)					
Maximum piping length		m	15			30		
Maximum level difference		m	15			20		
Standard operation range	cooling	from~to	°CDB 10~46					
HEAT PUMP				RYS20BVMC	RYS25BVMC	RYS35BVMC	RYS50BVMC	RYS60BVMC
Dimensions	HxWxD	mm	560x695x265			735x825x300		
Weight		kg	34		37		49	53
Casing colour	ivory white							
Sound pressure level	cooling (H/L)	dB(A)	47/*			47/*		49/*
	heating (H/L)	dB(A)	48/*			48/*		49/*
Sound power level	cool./heat. (H)	dB(A)	60/*			63/64		64/64
Compressor	hermetically sealed swing type							
Refrigerant type	R-410A							
Amount of additional charge		g/m	20 (for piping length exceeding 10m)					
Maximum piping length		m	15			30		
Maximum level difference		m	15			20		
Standard operation range	cooling	from~to	°CDB 10~46					
	heating	from~to	°CWB -10~20					

Accessories outdoor units

R(Y)S-B	20	25	35	50	60
Air direction adjustment grille	KPW937A4			KPW945A4	

Note: 1) VM = 1-, 220-240/220-230V, 50Hz/60Hz

- Nominal cooling capacities are based on: indoor temperature 27°CDB/19°CWB • outdoor temperature 35°CDB • refrigerant piping length 7.5m • level difference 0m.
- Nominal heating capacities are based on: indoor temperature 20°CDB • outdoor temperature 7°CDB/6°CWB • refrigerant piping length 7.5m • level difference 0m.
- Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
- Units should be selected on nominal capacity. Max. capacity is limited to peak periods.
- 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).
- The sound power is an absolute value indicating the "power" which a sound source generates.
- Energy label: scale from A (most efficient) to G (less efficient).
- Annual energy consumption: based on average use of 500 running hours per year at full load (=nominal conditions)

Daikin's unique position as a manufacturer of air conditioning equipment, compressors and ozone-friendly 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 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.



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.

Specifications are subject to change without prior notice.

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