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- Use only those parts and accessories supplied or specified by Daikin. Ask a qualified installer or contractor to install those parts and accessories. Use of unauthorised parts and accessories or improper installation of parts and accessories can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Read the User's Manual carefully before using this product. The User's Manual provides important safety instructions and warnings. Be sure to follow these instructions and warnings.

If you have any enquiries, please contact your local importer, distributor and/or retailer.



Split Type Air Conditioners FTE Series

Cooling Only [50 Hz]



Cautions on product corrosion

1. Air conditioners should not be installed in areas where corrosive gases, such as acid gas or alkaline gas, are produced.
2. If the outdoor unit is to be installed close to the sea shore, direct exposure to the sea breeze should be avoided. If you need to install the outdoor unit close to the sea shore, contact your local distributor.



JMI-0107



JQA-1452

About ISO 9001

ISO 9001 is a plant certification system defined by the International Organization for Standardization (ISO) relating to quality assurance. ISO 9001 certification covers quality assurance aspects related to the "design, development, manufacture, installation, and supplementary service" of products manufactured at the plant.



EC99J2044

About ISO 14001

ISO 14001 is the standard defined by the International Organization for Standardization (ISO) relating to environmental management systems. Our group has been acknowledged by an internationally accredited compliance organisation as having an appropriate programme of environmental protection procedures and activities to meet the requirements of ISO-14001.

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Dealer

A Step Forward in Performance and Interior Styling

Daikin has taken a step forward in achieving a combination of style and efficiency. The new FTE series offers an innovative flat panel design and delivers energy savings.



FTW25/35F

New Flat Panel Design

The flat panel design introduces a bright new concept in easy cleaning and interior decor.
▶ See pages 4 and 5.

High Energy Savings

The new FTE series delivers a high COP of 3.23. It is able to deliver excellent energy efficiency when operating for long periods.
▶ See page 6.

Quiet Operation

The new FTE series has been achieved low sound levels. Sound levels are 28 dB for indoor unit operation and 46 dB for outdoor unit operation.
▶ See page 6.

Clean Air with Less Dust and Odours

Air-Purifying Filter with Photocatalytic Deodorising function traps dust, decomposes odours and even removes bacteria and viruses.
▶ See page 7.

Brand-New Sleek Flat Panel Design for the Wall-Mounted Type

The stylish flat panel design indoor units adds grace and elegance to a room and simplifies decor coordination between rooms. It also reduces dust build-ups that can impair air-conditioner operation.



New Design

FTE25FV1 / RE25JV1

2.64 kW 9,000 Btu/h

FTE35FV1 / RE35JV1

3.52 kW 12,000 Btu/h

RE25/35J

Easy to Coordinate

Daikin has always focused on creating sleek, modern air conditioners that coordinate smoothly with any type of interior decor. This concept has taken a major step forward with the versatile grilleless flat panel design.

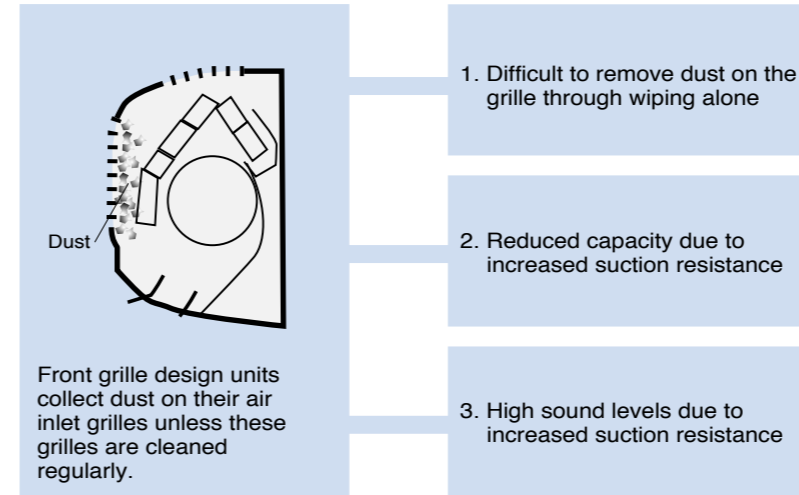


Wipe-Clean Flat Panel

Daikin has removed the grooves from the front panel to make it easier to clean this area. Flat panel models can be cleaned instantly with a single wipe of a cloth across their smooth surface. If more thorough cleaning is required, the panel can also be easily removed from the unit.



Conventional Front Grille Design



Function List

Comfortable Airflow

- Power-Airflow Dual Flaps
- Wide-Angle Louvers
- Vertical Auto-Swing (up and down)

Comfort Control

- Programme Dry Function
- Auto Fan Speed

Lifestyle Convenience

- Indoor Unit On/Off Switch

Cleanliness

- New** Air-Purifying Filter with Photocatalytic Deodorising Function
- New** Wipe-Clean Flat Panel
- Mould-Proof Air Filter

Timers

- 24-Hour On/Off Timer
- Night Set Mode

Worry Free

- Auto-Restart after Power Failure
- Self-Diagnosis with Digital Display
- Anticorrosion Treatment of Outdoor Heat Exchanger Fins

Energy Savings and Clean Air with Less Dust and Odours

High Energy Savings

FTE25F provides a high COP of 3.23. This model is appropriate for bedrooms, which are air-conditioned for long periods.

COP	FTE25F	FTE35F
Cooling	3.23	3.10

Based on 220 V power supply

What is COP? An air conditioner's COP (Coefficient of Performance) indicates how efficiently the unit uses energy. A higher COP means greater energy efficiency. It also means lower electricity consumption, so you save money.

$$COP = \frac{\text{Capacity (kW)}}{\text{Power consumption (kW)}}$$

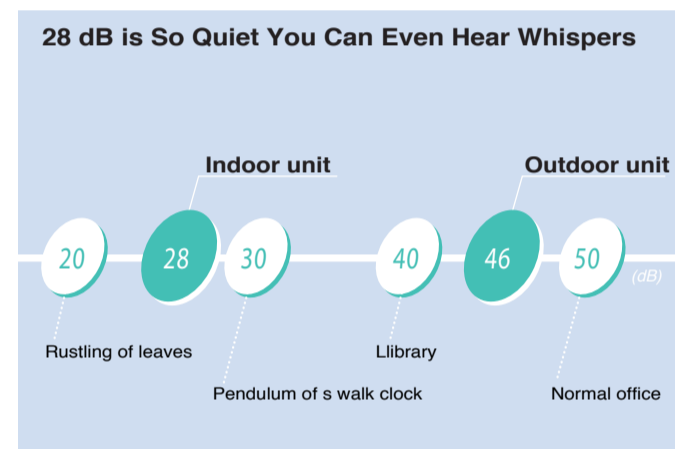
Quiet Sound Levels

A quiet indoor unit is essential for your personal comfort, and a quiet outdoor unit is just as important for peace in your neighborhood. The FTE series offers low sound levels of 28 dB for indoor unit operation and 46 dB for outdoor unit operation.

Indoor units	FTE25F	FTE35F
Sound levels (L)	28	32

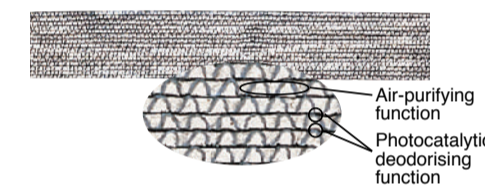
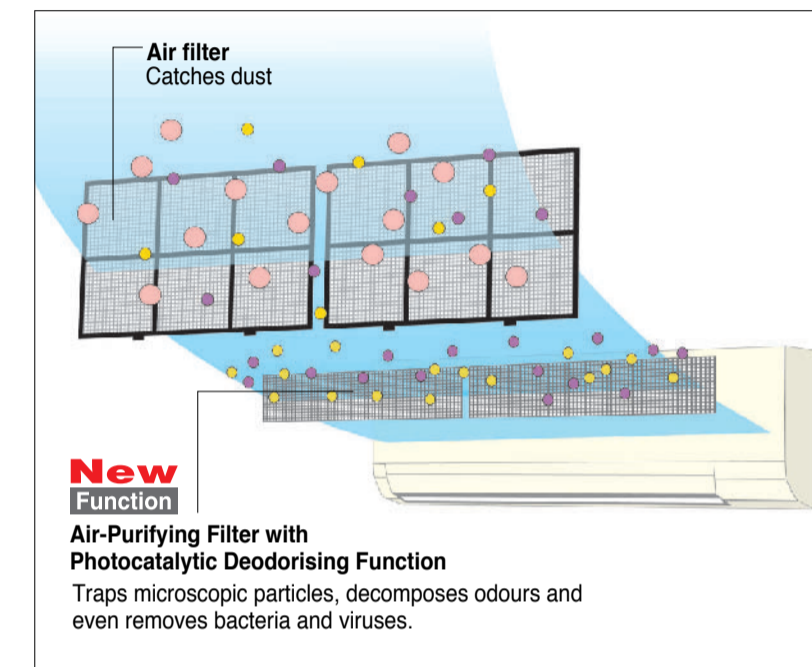
Outdoor units	RE25J	RE35J
Sound levels	46	47

Based on 220 V power supply



Air-Purifying Filter with Photocatalytic Deodorising Function

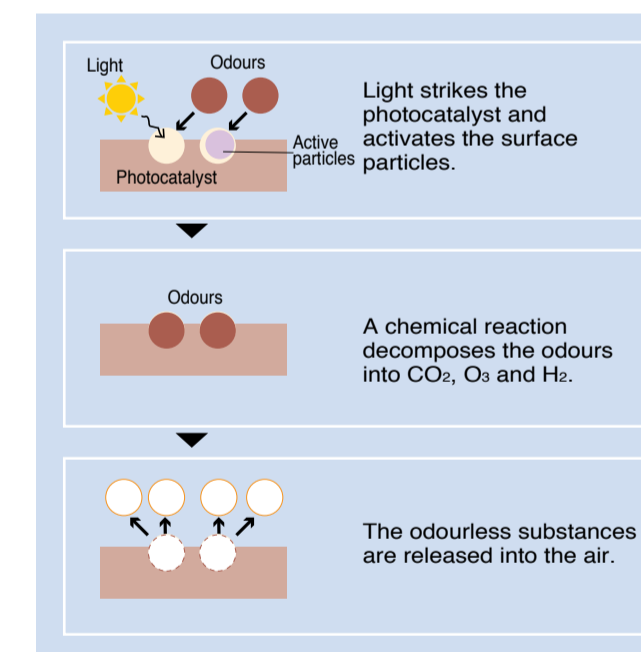
Air-Purifying Filter with Photocatalytic Deodorising Function is able to trap microscopic particles, decompose odours and even remove bacteria and deactivate viruses. This filter features a large active surface area that effectively cleans the high volumes of air required to air-condition living rooms. The filter delivers consistent performance for approximately 3 years if periodic maintenance is performed.



Bacteria removal test
 Testing method: Dropping method
 Testing organisation: Japan Spinners Inspecting Foundation
 Result certificate: No. 012553-1 and 012553-2

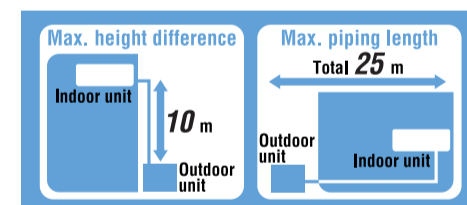
Photocatalytic deodorising mechanism

Photocatalytic deodorising filters are made of titanium oxide. When titanium oxide is exposed to light, a powerful oxidising action occurs. This decomposes substances adsorbed on the filter surface into odourless carbon dioxide and water.



Long piping length for flexible unit placement

The FTE series supports a piping length of up to 25 metres to give more flexibility during unit installation. This allows the outdoor unit to be placed on a balcony or where it can not be seen. Indoor units can also be installed where they do not compromise the decor of a room.



Figures are for FT50/60C.



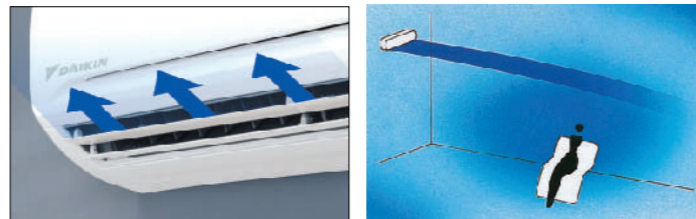
Piping connections for the outdoor unit are covered to make them less conspicuous.

Wide Range of Airflow Functions

Power-Airflow Dual Flaps



Power-Airflow Dual Flaps can flatten out during cooling operation to deliver cool air to the corners of a room.

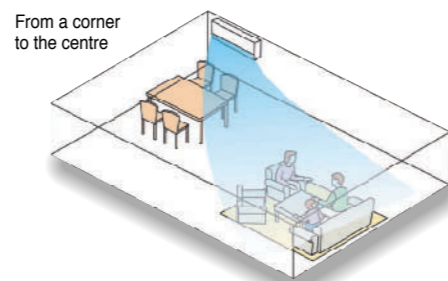


Cool air slides off to reach the corner of the room.

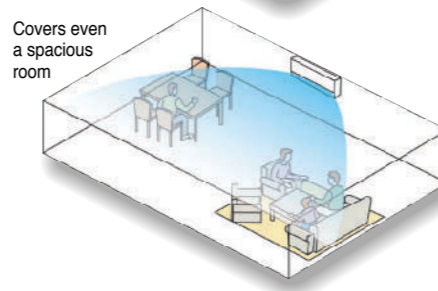
Vertical Auto-Swing (up and down)



This function automatically moves the flaps up and down to distribute air across a room. When the air conditioner is turned off, the flaps shut automatically so that dust can not enter.

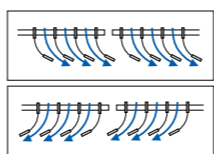


From a corner to the centre



Covers even a spacious room

WIDE ANGLE



Wide-Angle Louvers



The smoothly curved Wide-Angle Louvers provide wide airflow coverage for effective cooling operation no matter where the indoor unit is placed in a room. The louvers can be adjusted by hand.

Indoor unit On/Off switch



There is a second On/Off switch on the body of the indoor unit to prevent any problems if the wireless remote controller is misplaced.



Indoor unit On/Off switch

Auto Fan Speed

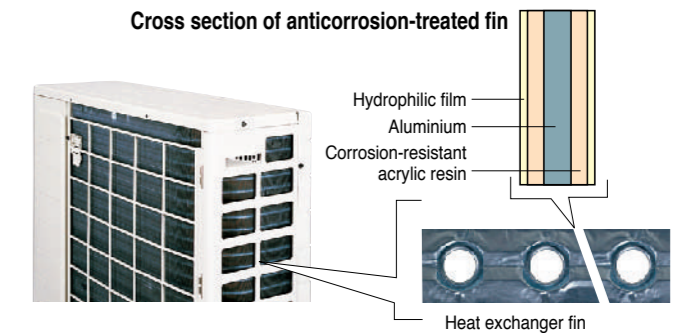


The microprocessor automatically controls fan speed to adjust the room temperature to the set temperature.

Anticorrosion Treatment of Outdoor Heat Exchanger Fins



The outdoor unit's heat exchanger fins are processed using a special anticorrosion treatment. The surface is covered with a thin acrylic resin layer to enhance the fins' resistance to acid rain and salt corrosion. A hydrophilic film layer also prevents rust caused by the run off of water droplets. Additional durability is provided by a rustproof steel sheet on the bottom of the unit.

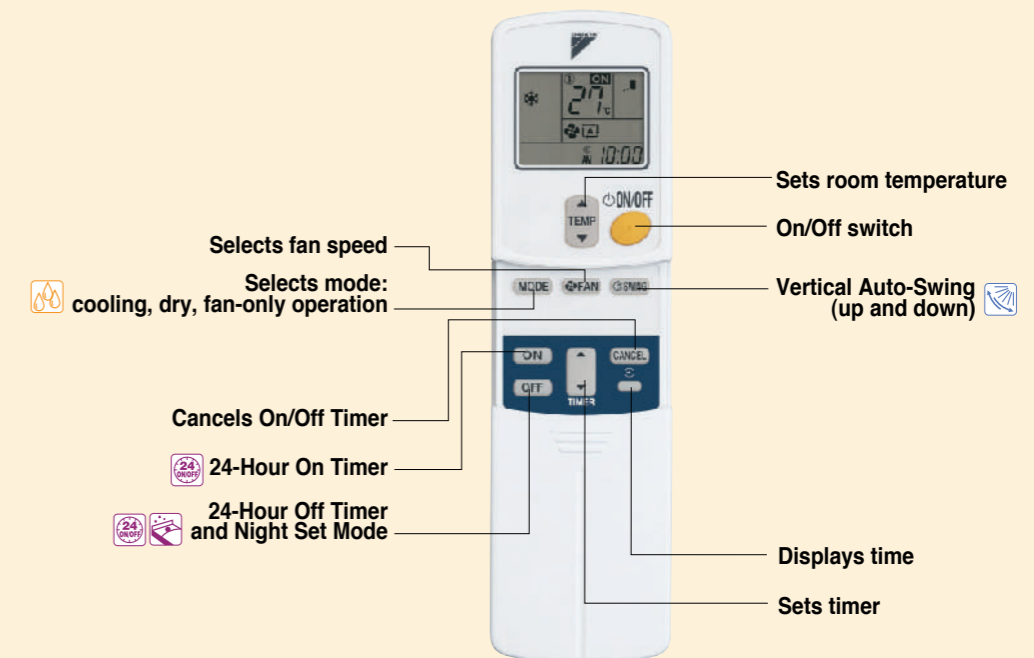


Self-Diagnosis with Digital Display



Malfunction codes are shown on the digital display panel of the wireless remote controller for fast and easy maintenance.

Easy-to-use wireless remote controller



Comfortable Airflow



Power-Airflow Dual Flaps
Power-Airflow Dual Flaps can flatten out during cooling operation to deliver cool air to the corners of a room.
▶ See page 8



Wide-Angle Louvers
The smoothly curved Wide-Angle Louvers provide wide airflow coverage for effective cooling operation no matter where the indoor unit is placed in a room.
▶ See page 8



Vertical Auto-Swing (up and down)
This function automatically moves the flaps up and down to distribute air across a room.
▶ See page 8

Lifestyle Convenience



Indoor Unit On/Off Switch
There is a second On/Off switch on the body of the indoor unit to prevent any problems if the wireless remote controller is misplaced.
▶ See page 8

Cleanliness



Air-Purifying Filter with Photocatalytic Deodorising Function
This filter traps microscopic particles, decomposes odours and even removes bacteria and viruses. It can be used for up to 3 years.
▶ See page 7



Wipe-Clean Flat Panel
The flat panel models can be cleaned with only the single pass of a cloth across their smooth surface. The flat panel can also be easily removed for more thorough cleaning.
▶ See page 5



Mould-Proof Air Filter
The air filter is finished with a coating that suppresses the growth of mould on its surface.

Comfort Control



Programme Dry Function
This function automatically reduces the level of humidity while maintaining the preset room temperature.



Auto Fan Speed
The microprocessor automatically controls fan speed to adjust the room temperature to the set temperature.
▶ See page 8

Timers



24-Hour On/Off Timer
This timer can be preset to start and stop at any time within a 24-hour period. The air conditioner is started/stopped simply by pressing the On/Off timer button on the wireless remote controller.



Night Set Mode
Pressing the Off timer button automatically selects the Night Set Mode. This function prevents any sudden change in room temperature by gently raising the temperature before the air conditioner stops, so you can sleep comfortably.

Worry Free



Auto-Restart After Power Failure
The air conditioner memorises the settings for mode, airflow, temperature, etc., and automatically returns to them when power is restored after a power failure.



Self-Diagnosis with Digital Display
Malfunction codes are shown on the digital display panel of the wireless remote controller for fast and easy maintenance.
▶ See page 9



Anticorrosion Treatment of Outdoor Heat Exchanger Fins
The outdoor unit's heat exchanger fins are processed using a special anticorrosion treatment. The surface is covered with a thin acrylic resin layer to enhance the fins' resistance to acid rain and salt corrosion.
▶ See page 9

Specifications

Model name	Indoor unit		FTE25FV1	FTE35FV1
	Outdoor unit		RE25JV1	RE35JV1
Capacity	kW		2.64	3.52
	Btu/h		9,000	12,000
Power supply	1 phase, 220-240 V, 50 Hz			
Running current	A		3.95	5.58
Power consumption	W		817	1,135
COP	W/W		3.23	3.10
Indoor unit		FTE25FV1	FTE35FV1	
Front panel colour	White			
Airflow rate (H)	m ³ /min		7.2	7.7
	cfm		254	272
Fan speed	5 steps and automatic			
Sound levels (H/L)	dB (A)		37/28	40/32
Dimensions (H x W x D)	mm		273 x 784 x 195	
Machine weight	kg		8	
Outdoor unit		RE25JV1	RE35JV1	
Casing colour	Ivory white			
Compressor	Type	Hermetically sealed rotary type		
	Motor output	W	700	1,100
Refrigerant charge (R-22)	kg		0.76	0.95
Sound levels	dB (A)		46	48
Dimensions (H x W x D)	mm		560 x 695 x 265	
Machine weight	kg		27	33
Operation range	°CDB		19.4 to 46	
Piping connections	Liquid	mm	ø6.4	
	Gas	mm	ø9.5	ø12.7
	Drain	mm	ø18.0	
Max. piping length	m		25	
Max. height difference	m		10	

Note: The above values are based on operation with a 220 V, 50 Hz power supply.

Measurement conditions
1. Cooling capacity is based on: indoor temp. 27 °CDB, 19 °CWB; outdoor temp. 35 °CDB; piping length 5 m.
2. Sound levels are based on temperature condition 1. above. These are anechoic conversion values. These values are normally somewhat higher during actual operation as a result of ambient conditions.

Options

Indoor units

No.	Item	FTE25/35F
1	Air-purifying filter with photocatalytic deodorising function without frame *1	KAF918A44
2	The remote controller loss prevention with the chain	KKF917A4

Note: *1. The air-purifying filter with photocatalytic deodorising function is a standard accessory. The filter should be replaced after approximately 3 years.



Air-purifying filter with photocatalytic deodorising function without frame KAF918A44



The remote controller loss prevention with the chain KKF917A4