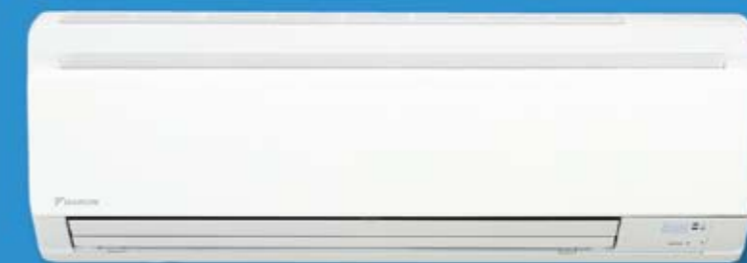


- Note**
- Ask an authorised Daikin dealer to install Daikin products. Do not try to install the product yourself or get it installed by any unauthorised dealer. Improper installation can result in water or refrigerant leakage, electrical shock, fire or explosion. Warranty of the product shall be void if not installed by an authorised Daikin dealer.
 - Use only those parts and accessories supplied or specified by Daikin. Ask authorised Daikin dealer for any repairs or components. Warranty of the product / component shall be void if non specified spares are used or repaired by a non Daikin dealer.

For any inquiries, either call the numbers mentioned below or contact your nearest Daikin dealer.



Split Type Air Conditioners



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.

MARKETING HEADQUARTERS

DAIKIN AIRCONDITIONING INDIA PVT. LTD.

12th Floor, Building No. 9, Tower A, DLF Cyber City, DLF Phase III, Gurgaon - 122 002, Haryana, India.
Tel.: 0124-4555444, Fax.: 0124-4555333, e-mail: ho@daikinindia.com

SALES & SERVICE OFFICES

Ahmedabad - Tel.: 079-26583013-14, 32988495
Bengaluru - Tel.: 080-25590452-54
Chandigarh - Tel.: 0172-5089862-64
Chennai - Tel.: 044-24314210-15

Delhi - NCR - Tel.: 0124-4555444
Hyderabad - Tel.: 040-32971231
Jaipur - Tel.: 0141-2223215, 2225569
Kolkata - Tel.: 033-22894259/60

Lucknow - Tel.: 0522-2787307/340/291
Mumbai - Tel.: 022-30926666
Pune - Tel.: 020-25560601

The specifications, designs and information in this brochure are subject to change without notice.

Visit us at www.daikinindia.com



Always Around Us

They are always there, just like air. The reason why, air conditioners should have simple designs that merge smoothly with our daily lives. And Daikin's subtle flat panel design blends seamlessly into any room interior.



FTKE25/35G and FTK(X)S25/35E



FTKD50/60/71F and FTK(X)S50/60/71F

Sophisticated Appearance with Flat Panel

The series' simple and stylish flat panel design harmonises with every interior decor.

Higher Energy Savings

The DC Inverter series achieves high COPs, thanks to its swing compressor with Reluctance DC motor and DC motor for fan.

Quiet Operation

Daikin has achieved lower sound levels for both indoor and outdoor units. The 2.5 kW model now operates at a whisper-like 25 dB.

Cleanliness

The range of clean features includes the photocatalytic Air-Purifying Filter, Mould-Proof Operation and Wipe-Clean Flat Panel.



Capacity	HP	1	1.5	2	2.5	3
	kW	2.5~	3.4~	5.0~	6.4~	7.7~
	Btu/h	8,360~	11,450~	17,000~	21,800~	28,200~
	kcal/h	2,250~	2,930~	4,400~	5,500~	6,600~
Wall Mounted Type (Cooling Only & Heat Pump) Page 8-9 Specification Page 36-37 R-410A		 FTKS25E/FTXS25E FTKS35E/FTXS35E FTKS50F/FTXS50F FTKS60F/FTXS60F FTKS71F/FTXS71F				
Wall Mounted Type (Cooling Only) Page 10-11 Specification Page 36-37 R-22		 FTKE25G FTKE35G FTKD50F FTKD60F FTKD71F				
Wall Mounted Type (Split Type G Series) Page 22 Specification Page 38 R-22		 FT25G FT35G FT50G FT60G				
Wall Mounted Type (Split Type E Series) Page 23 Specification Page 38 R-22		 FTE25K FTE35K FTE50K FTE60K				
Floor/Ceiling Suspended Dual Type Page 27 Specification Page 39 R-22		 FL35 FL50				
Wall Mounted Type (Heat Pump) Page 28 Specification Page 39 R-22		 FTY35 FTY50 FTY60				

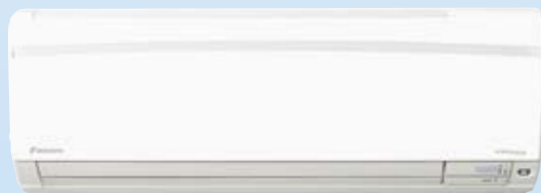
A modern living room with a black leather sofa, a glass coffee table, and a white wall-mounted air conditioner. The room features large windows with roller blinds, a wooden cabinet, and a lamp. The air conditioner is mounted on the wall above the sofa.

A Refreshingly Simple Design

The series' stylish flat panel design creates a simplicity and sophistication that enhances any interior space. All models ranging from 2.5 to 7.1 kW feature the same sleek flat panel design providing a smooth, unified finish in every room in every home.



Stylish Design Creates Harmony in Any Interior Space



FTKS25/35E and FTXS25/35E



R-410A

Cooling Only Type

FTKS25EVMA / RKS25EVMA

Cooling 2.5 (1.2-3.0) kW
8,500 (4,100-10,200) Btu/h

FTKS35EVMA / RKS35EVMA

Cooling 3.5 (1.2-3.8) kW
11,900 (4,100-12,950) Btu/h

Heat Pump Type

FTXS25EVMA / RXS25EVMA

Cooling 2.5 (1.2-3.0) kW
8,500 (4,100-10,200) Btu/h

Heating 3.4 (1.2-4.5) kW
11,600 (4,100-15,350) Btu/h

FTXS35EVMA / RXS35EVMA

Cooling 3.5 (1.2-3.8) kW
11,900 (4,100-12,950) Btu/h

Heating 4.0 (1.2-5.0) kW
13,600 (4,100-17,050) Btu/h

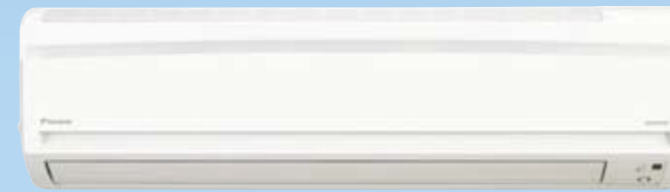


The Good Design Award is sponsored by the Japan Industrial Design Promotion Organization to promote excellence in commercial product design.



Function lineup (page 30-32)

- Power-Airflow Dual Flaps
- Wide-Angle Louvers
- Vertical Auto-Swing (up and down)
- Indoor Unit Quiet Operation
- Outdoor Unit Quiet Operation
- Intelligent Eye
- Automatic Operation
- Indoor Unit On/Off Switch
- Titanium Apatite Photocatalytic Air-Purifying Filter
- Mould-Proof Operation
- Programme Dry Function
- Auto Fan Speed
- Econo Mode
- Inverter Powerful Operation
- Mould-Proof Air Filter
- 24-Hour On/Off Timer
- Night Set Mode
- Auto-Restart after Power Failure
- Self-Diagnosis with Digital Display
- Anti-corrosion Treatment of Outdoor Heat Exchanger Fins
- Wipe-Clean Flat Panel



FTKS50/60/71F and FTXS50/60/71F



RKS50/60/71F and RXS50/60F



RXS71F



R-410A

Cooling Only Type

FTKS50FVM / RKS50FVM

Cooling 5.0 (1.7-6.0) kW
17,100 (5,800-20,500) Btu/h

FTKS60FVM / RKS60FVM

Cooling 6.0 (1.7-6.7) kW
20,500 (5,800-22,900) Btu/h

FTKS71FVM / RKS71FVM

Cooling 7.1 (2.3-8.3) kW
24,200 (7,800-28,300) Btu/h

Heat Pump Type

FTXS50FVMA / RXS50FVMA

Cooling 5.0 (1.7-6.0) kW
17,100 (5,800-20,500) Btu/h

Heating 5.8 (1.7-7.7) kW
19,800 (5,800-26,300) Btu/h

FTXS60FVMA / RXS60FVMA

Cooling 6.0 (1.7-6.7) kW
20,500 (5,800-22,900) Btu/h

Heating 7.0 (1.7-8.0) kW
23,900 (5,800-27,300) Btu/h

FTXS71FVMA / RXS71FVMA

Cooling 7.1 (2.3-8.5) kW
24,200 (7,800-29,000) Btu/h

Heating 8.2 (2.3-10.0) kW
28,000 (7,900-34,100) Btu/h

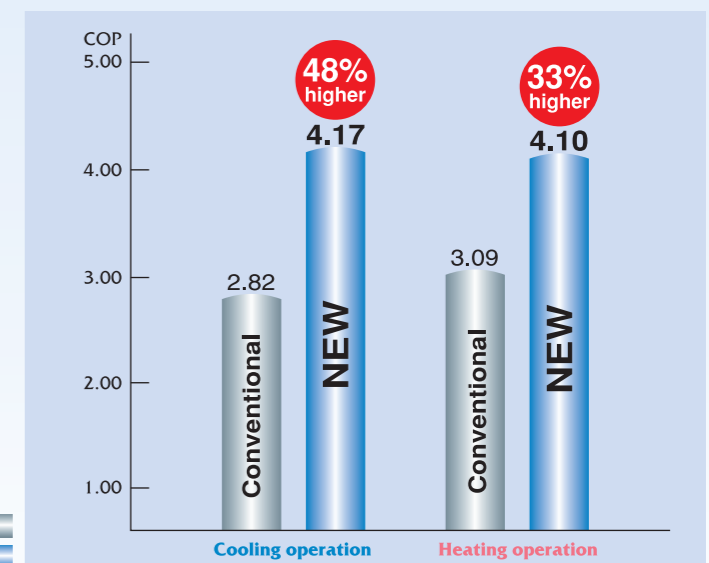


Function lineup (page 30-32)

- Power-Airflow Dual Flaps
- Wide-Angle Louvers
- Vertical Auto-Swing (up and down)
- Indoor Unit Quiet Operation
- Outdoor Unit Quiet Operation
- Intelligent Eye
- Automatic Operation
- Indoor Unit On/Off Switch
- Horizontal Auto-Swing (left and right)
- 3-D Airflow
- Programme Dry Function
- Auto Fan Speed
- Wipe-Clean Flat Panel
- Inverter Powerful Operation
- Mould-Proof Air Filter
- 24-Hour On/Off Timer
- Night Set Mode
- Auto-Restart after Power Failure
- Self-Diagnosis with Digital Display
- Anti-corrosion Treatment of Outdoor Heat Exchanger Fins
- Home Leave Operation

Reluctance DC Inverter Power Control Achieves High COPs

The DC Inverter series features the Reluctance DC compressor motor and DC fan motor. The hi-tech energy-saving package is completed by Daikin's advanced swing compressor and PAM control. FTXS25E achieves a COP of 4.17, 48% higher than conventional AC inverter to advanced DC Inverter technology.

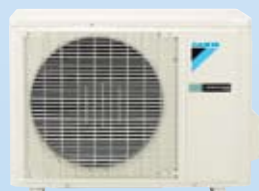


FTXE25BVMA
FTXS25EVMA

A Refreshingly Simple Design



FTKE25/35G



RKE25/35G



New Model

FTKE25GV1 / RKE25GV1
2.5 (1.6-3.2) kW
8,500 (5,450-10,900) Btu/h



New Model

FTKE35GV1 / RKE35GV1
3.2 (1.6-4.0) kW
10,900 (5,450-13,600) Btu/h



The Good Design Award is sponsored by the Japan Industrial Design Promotion Organization to promote excellence in commercial product design.

Function lineup (page 30-32)

- Power-Airflow Dual Flaps
- Wide-Angle Louvers
- Vertical Auto-Swing (up and down)
- Indoor Unit Quiet Operation
- Outdoor Unit Quiet Operation
- Intelligent Eye
- Indoor Unit On/Off Switch
- Wipe-Clean Flat Panel
- Titanium Apatite Photocatalytic Air-Purifying Filter
- Mould-Proof Operation
- Programme Dry Function
- Auto Fan Speed
- Econo Mode
- Inverter Powerful Operation
- Mould-Proof Air Filter
- 24-Hour On/Off Timer
- Night Set Mode
- Auto-Restart after Power Failure
- Self-Diagnosis with Digital Display
- Anti-corrosion Treatment of Outdoor Heat Exchanger Fins



FTKD50/60/71F



RKD50/60/71F



New Model

FTKD50FVM / RKD50BVM
5.2 (1.5-5.9) kW
17,700 (5,100-20,100) Btu/h

FTKD60FVM / RKD60BVM
6.2 (1.5-6.5) kW
21,200 (5,100-22,200) Btu/h

FTKD71FVM / RKD71BVM
7.1 (2.1-7.6) kW
24,200 (7,200-25,900) Btu/h



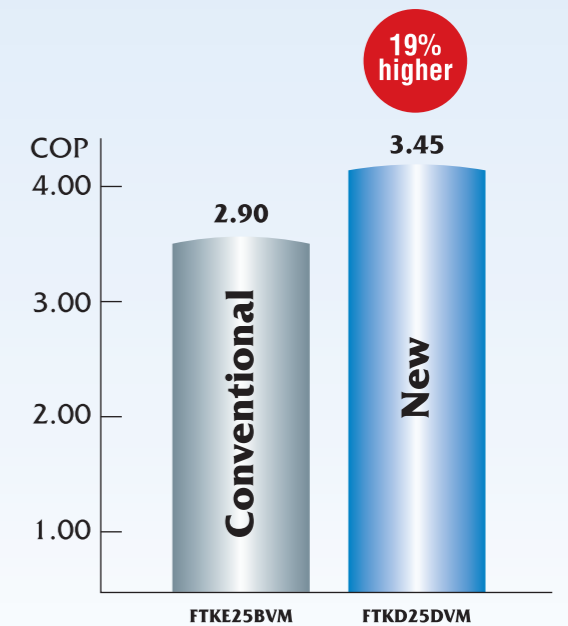
Function lineup (page 30-32)

- Power-Airflow Dual Flaps
- Wide-Angle Louvers
- Vertical Auto-Swing (up and down)
- Indoor Unit Quiet Operation
- Outdoor Unit Quiet Operation
- Intelligent Eye
- Wipe-Clean Flat Panel
- Indoor Unit On/Off Switch
- Horizontal Auto-Swing (left and right)
- 3D Airflow
- Programme Dry Function
- Auto Fan Speed
- Air-Purifying Filter with Photocatalytic Deodorising Function
- Inverter Powerful Operation
- Mould-Proof Air Filter
- 24-Hour On/Off Timer
- Night Set Mode
- Auto-Restart after Power Failure
- Self-Diagnosis with Digital Display
- Anti-corrosion Treatment of Outdoor Heat Exchanger Fins
- Home Leave Operation

Energy Savings

DC Inverter Power Control Achieves High COPs

The DC Inverter series features the Reluctance DC motor for compressor and DC motor for fan. This hi-tech energy-saving package is completed by Daikin's advanced swing compressor and PAM control. FTKD25D achieves a COP of 3.45, 19% higher than conventional model. This is the result of upgrading from conventional AC inverter to advanced DC Inverter technology.



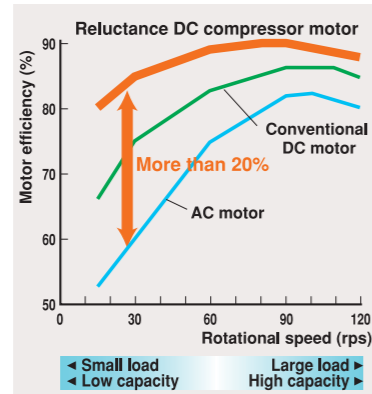
Energy Saving Technological Features



Reluctance DC Compressor Motor and DC Fan Motor



Reluctance DC compressor motor



This was the first scroll compressor to be equipped with the Reluctance DC motor in commercial-use air conditioners. The Institute of Electrical Engineers of Japan presented the award in 1998.



The Reluctance DC compressor motor is significantly more efficient than conventional AC and DC motors. Its advanced design improves low-capacity operation by more than 20%. The DC fan motor also allows fine rotation control, significantly reducing energy consumption.

Neodymium Magnet

Neodymium magnets are a key feature of the Reluctance DC compressor motor. These magnets are approximately 10 times stronger than ferrite magnets.

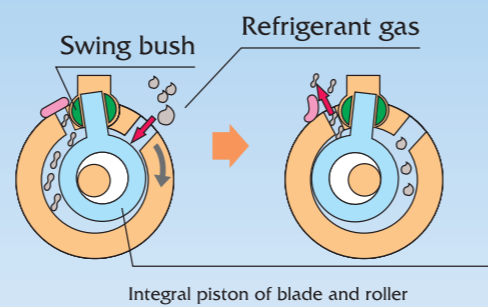
Swing Compressor



The swing compressor decreases friction and vibration and also prevents the leakage of refrigerant gas during compression. This gives quiet and efficient operation.



This marked the development of a high-performance swing compressor that was compatible with alternative fluorocarbons. The award was presented in 1997.



Integral piston of blade and roller

Energy efficiency is increased by reducing operational friction and refrigerant gas leakage.

PAM Control



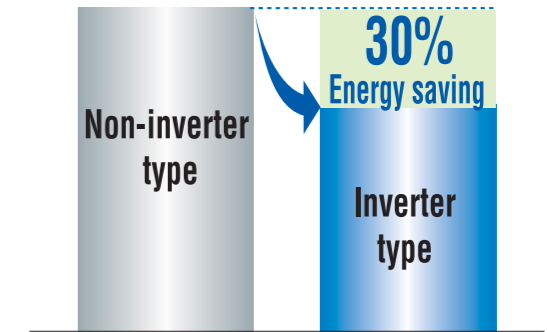
PAM (Pulse Amplitude Modulation) control reduces energy loss by controlling how often the converter switches on and off.

Inverter Advantages Compared to Non-Inverter

Energy Saving

Inverter Power Control maximises capacity to quickly reach the set temperature. It then reduces capacity to the minimum level required to maintain the set temperature. Most of the time the unit operates at near the minimum level. Compared to non-inverter air conditioners, Daikin Inverter Power Control reduces power consumption by approximately 30%.

Comparison of power consumption



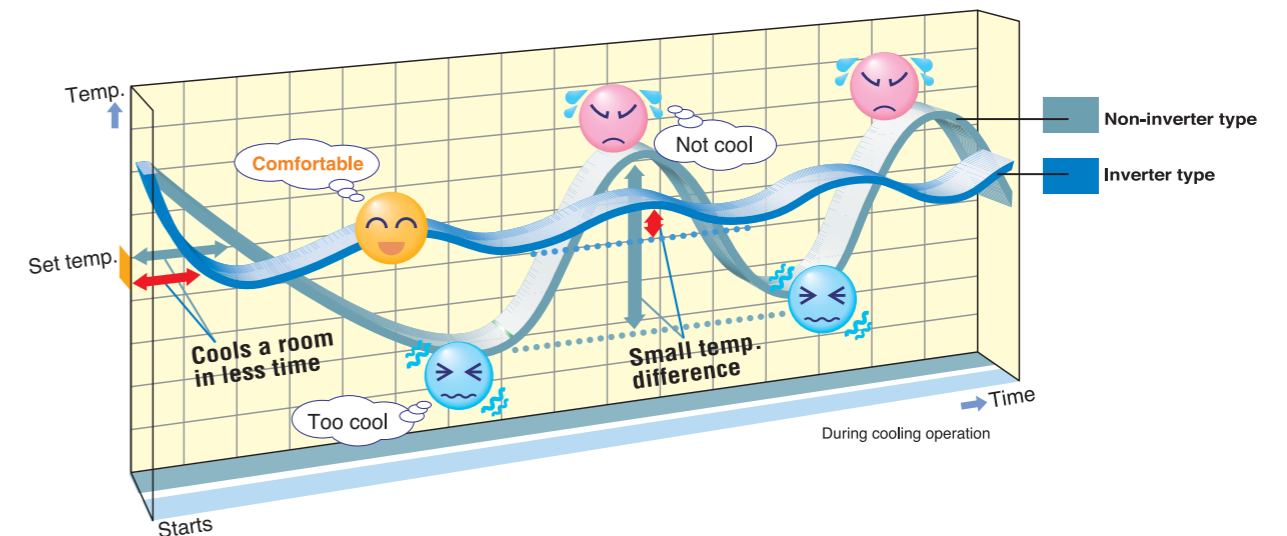
Based on simulated annual power consumption of Daikin 2.5 and 3.5 kW models.

More Powerful

Daikin Inverter Power Control uses its full capacity at start-up to quickly reach the set temperature so that you can cool your room faster than non-inverter air conditioners.

More Precise Control

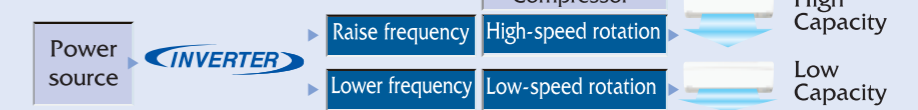
As soon as Inverter Power Control reaches the set temperature, it finely adjusts capacity to eliminate any temperature fluctuations and give greater comfort than non-inverter air conditioners.



Variable Capacity Operation

Inverter air conditioners are able to vary their operating capacity. Non-inverter air conditioners can only operate at a fixed capacity.

Inverter Power Control



Non-inverter type air-conditioner



What is DC Inverter Technology?

Daikin calls an inverter model that is equipped with a DC motor, DC Inverter. A DC motor offers higher efficiency than an AC motor. A DC motor uses the power of magnets to attract and repel to generate rotation. A DC motor that is equipped with high-power neodymium magnets, which enable even greater efficiency, is called a Reluctance DC motor.

Efficient Operation with No Energy Wastage and Quiet Operation

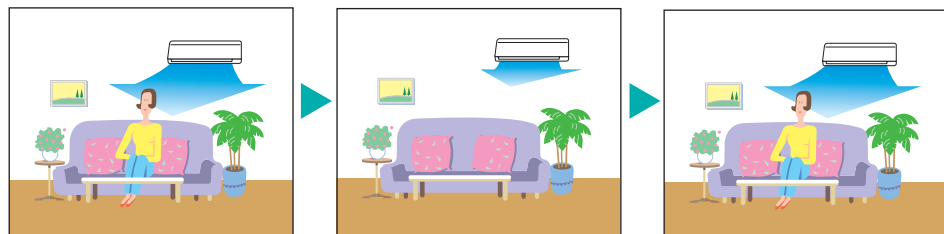
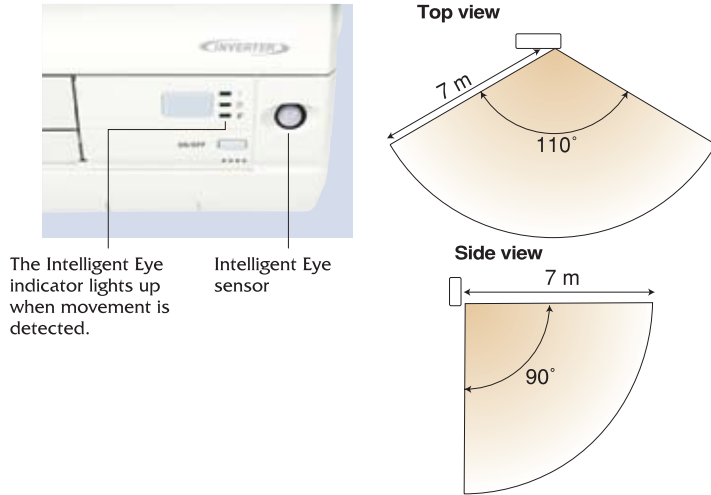


Intelligent Eye

Intelligent Eye prevents energy wastage by using its infra-red sensor to detect human movement in a room. When there is no movement, Intelligent Eye increases/decreases the temperature by 2°C to save energy up to 20% for cooling operation and up to 30% for heating operation. This reduces energy wastage if, for example, you forget to turn off the air conditioner.

All models ranging from 2.5 to 7.1 kW class are equipped with Intelligent Eye. This function can be conveniently activated from the remote controller.

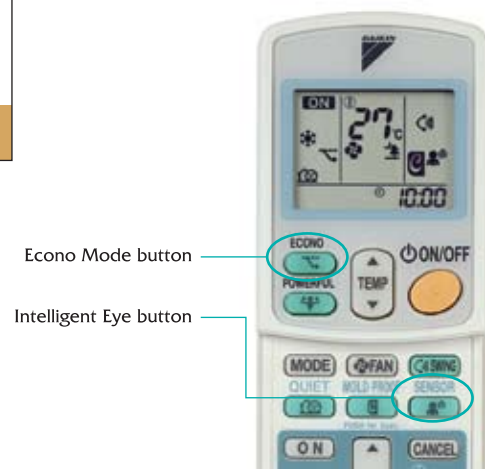
Once Intelligent Eye is set, it continues to work to save energy. You do not need to push the SENSOR button each time you wish to use this function.



When you are in the room, the air conditioner maintains the set temperature.

If Intelligent Eye detects no human movement for 20 minutes, it automatically adjusts the set temperature by 2°C.

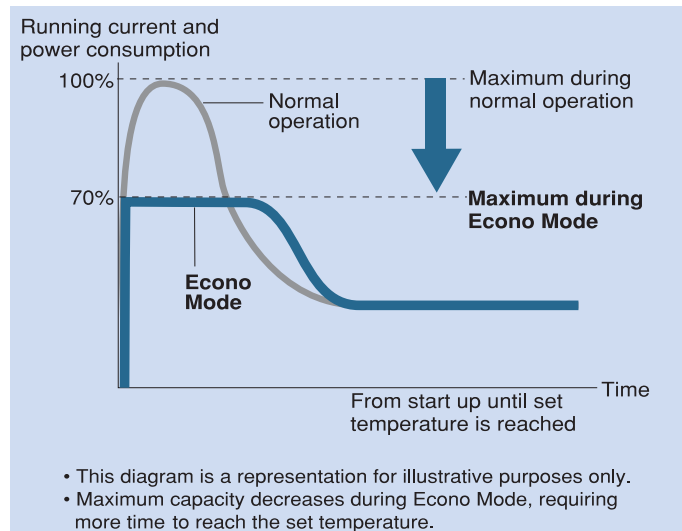
When you enter the room, Intelligent Eye automatically returns the temperature to the set level.



Econo Mode

This function limits both the maximum running current and maximum power consumption to 70% of those during normal operation. It is particularly effective if the cooling/heating load is high, for example, at start up or during large gatherings and periods of direct sunshine. At the same time, it maintains maximum capacity at 80% of normal, giving improved operating efficiency, although it may take slightly longer to reach the set temperature.

Econo Mode is also useful for preventing circuit breakers from being overloaded during temporary peaks in the running current. The function is easily activated from the remote controller by pushing the ECONO button. Econo Mode is available for FTK(X)S25/35E and FTKE25/35G.



Indoor Unit Quiet Operation

This series gives you the choice of 5-step, Quiet or Automatic settings for the fan speed. The Quiet setting selects Indoor Unit Quiet Operation. This function decreases the operation sound level by 3 dB below the Low setting.

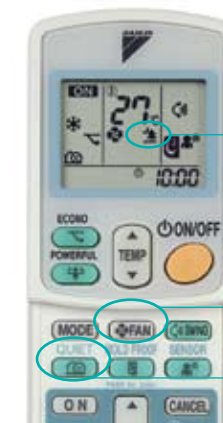
This wide range of settings allows you to precisely control the fan speed according to your requirements and allows you a good night's sleep. Its sound level for FTK(X)S25E is 22 dB and FTKE25G is 25dB.

Sound levels		
Fan speeds	FTK(X)S25E	FTKE25G
High (H)	37 dB	37 dB
Low (L)	25 dB	28 dB
🌳 Quiet (SL)	22 dB ^{3 dB}	25 dB ^{3 dB}

(During cooling operation)



	Auto	SL	L	M	H
Fan speed					
Sound level	Each decrease in airflow volume reduces the sound level by 2 or 3 dB.				



Indoor Unit Quiet Operation icon

Selects fan speed and Indoor Unit Quiet Operation

Outdoor Unit Quiet Operation



Outdoor Unit Quiet Operation

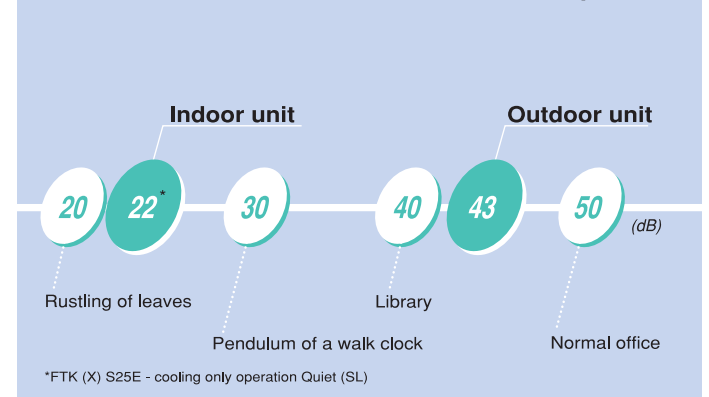
Outdoor Unit Quiet Operation is available for all models ranging from 2.5 to 7.1 kW class. This function decreases the operation sound level by 3 dB below the rated operation. It provides a low sound level of 43 dB for RK(X)S25E and for RKS25EVMA.

Capacity may decrease when Outdoor Unit Quiet Operation is selected.

RK(X)S25E and RKS25EVMA	
Operations	Sound levels
Rated (H)	46 dB
Quiet (L)	43 dB ^{3 dB}

During cooling operation

22 dB Is So Quiet You Can Even Hear Whispers



Advanced Photocatalytic Air-Purifying

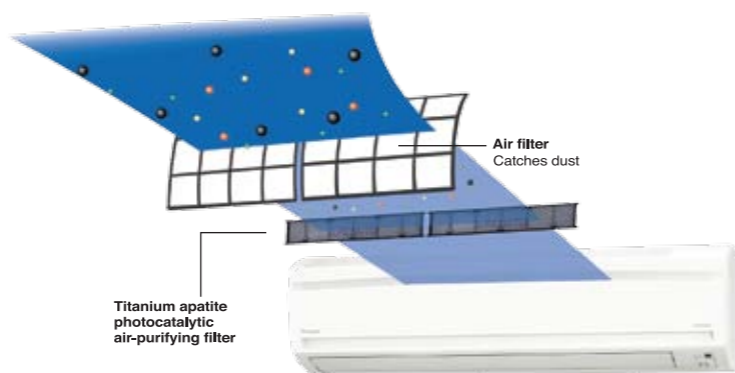
Titanium Apatite Photocatalytic Air-Purifying Filter

(Applicable with FTKD50/60/71F & FTK(X)S50/60/71F)

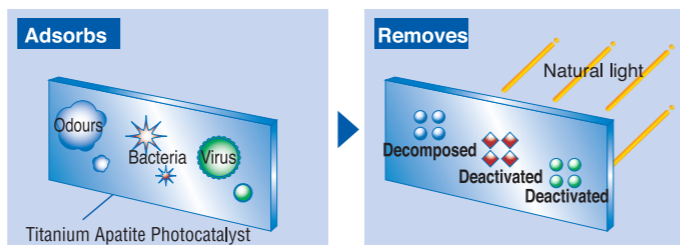
Titanium apatite is a new photocatalytic material with advanced adsorption power. While the filter's micron-level fibres trap dust, this photocatalyst effectively adsorbs and decomposes bacteria and viruses, and also breaks down mould and odours. The photocatalyst is activated simply by exposure to natural light. The filter delivers consistent performance for approximately 3 years if maintained periodically.

Bacteria removal test

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



Effect of Titanium Apatite Photocatalyst



Apatite strongly adsorbs bacteria and viruses. At the same time, the photocatalyst powerfully oxidises odour components, breaking them down. Viruses are turned into clumps of protein and removed.

Photocatalytic Deodorising Filter

(Applicable for FTKE25/35G Models)
 The Photocatalytic Deodorising Filter is able to decompose odours and even remove bacteria and viruses. This filter can be used indefinitely if regular maintenance is carried out.

Bacteria removal test

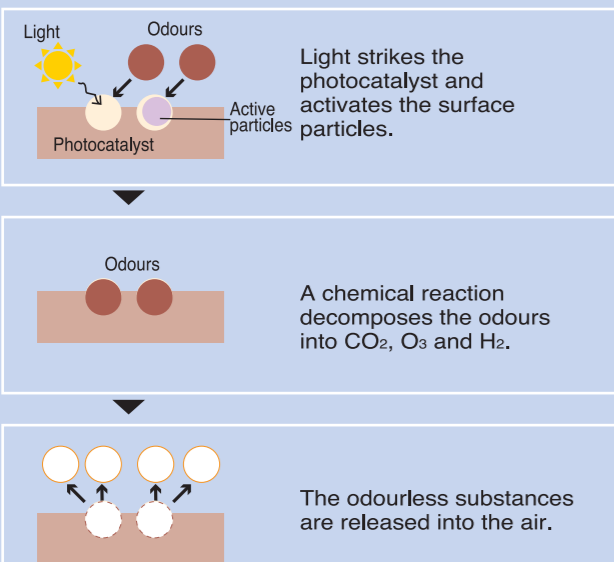
Testing method: Dropping method
 Testing organisation: Japan Food Research Laboratories
 Result certificate: No. 298081197-003

Virus removal test

Testing method: Washout method
 Testing organisation: Japan Food Research Laboratories
 Result certificate: No. 298081197-004

Photocatalyst Mechanism

The Titanium Apatite Photocatalytic Air-Purifying Filter incorporates titanium apatite. Titanium apatite is a new photocatalyst material with advanced adsorption power. When photocatalyst is exposed to light, a powerful oxidising action occurs.



Mould-Proof Operation

When cooling or dry operation is stopped, fan-only operation runs automatically for 1 hour. This airflow dries the inside of the indoor unit to reduce the generation of mould and odours. It is available with FTK(X)S25/35E and FTKE25/35G.

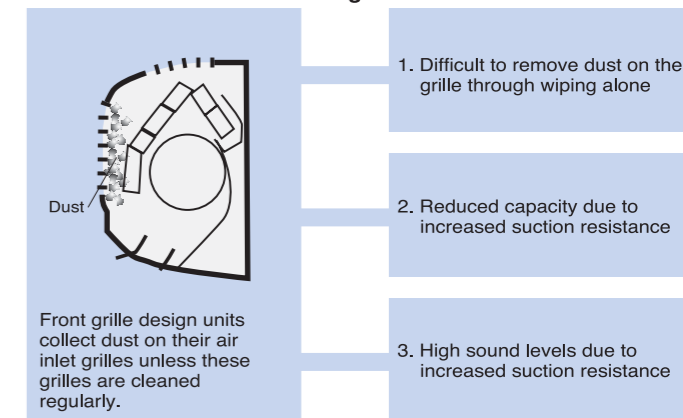


Wipe-Clean Flat Panel

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



Air-Purifying Filter

(Applicable for FTKE25/35G Models)

This filter is able to remove impurities such as dust, pollen and cigarette smoke as well as bacteria and viruses from the air.

Bacteria removal test

Testing method: Dropping method
 Testing organisation: Japan Food Research Laboratories
 Result certificate: No. 298051308-001

Virus removal test

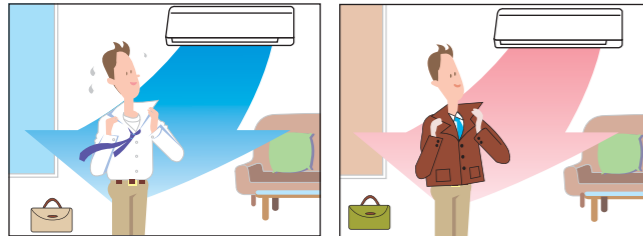
Testing method: Washout method
 Testing organisation: Japan Food Research Laboratories
 Result certificate: No. 298051308-002

	Filter Type	Maintenance	Replacement	Number
FTKD50/60/71F	Titanium apatite photocatalytic air-purifying filter	Soak in water containing detergent once every 6 months	3 years	2 pieces
FTKE25/35G	Photocatalytic deodorising filter	Expose to sunlight for 6 hours once every 6 months	Unnecessary	1 piece
	Air-purifying filter	Unnecessary	3 months	1 piece

Comfortable and Highly Effective Airflow Functions

Comfortable Airflow

Inverter Powerful Operation boosts cooling/heating performance for a 20-minute period. This is convenient both when you first turn on your air conditioner and when you want to quickly change the temperature during operation.



Power-Airflow Dual Flaps and Wide-Angle Louvers work in tandem to precisely control both vertical and horizontal airflow for distribution of air.

Power-Airflow Dual Flaps

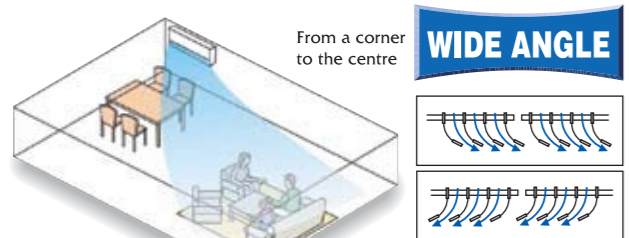


Cooling: The flaps flatten out during operation so that cool air slides off to reach the corner of the room. FTK(X)S Series & FTKD Series



Heating: The flaps descend to blow warm air directly down to the floor to quickly warm the whole room. Only with FTK(X)S Series

Wide-Angle Louvers

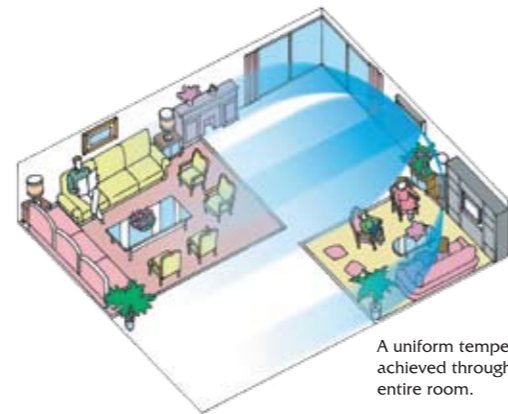


The louvers can be adjusted by hand for FTK(X)S25/35E and with the wireless remote controller for FTK(X)S50/60/71F.

Covers even a spacious room

Vertical Auto-Swing automatically moves the flaps up and down and **Horizontal Auto-Swing** automatically moves the louvers to the left and right. **3-D Airflow** combines Vertical and Horizontal Auto-Swing to circulate air to every part of a room for uniform cooling/heating of even large spaces.

Horizontal Auto-Swing and 3-D Airflow are available for FTK(X)S50/60/71F and FTKD50/60/71F.



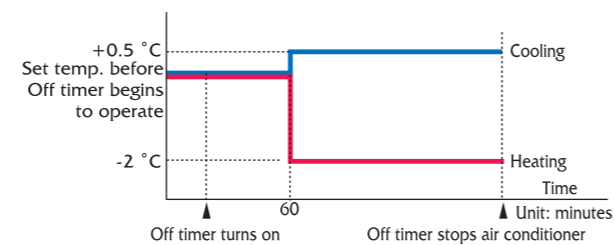
A uniform temperature is achieved throughout the entire room.

The unit can be conveniently started manually in the event the wireless remote controller is misplaced or the wireless remote controller batteries are not charged.



Indoor Unit On/Off Switch

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



Cooling operation: Room temperature is raised by 0.5°C after 60 minutes, while minimum outdoor unit sound levels are maintained. If the outdoor temperature is below 27°C, room temperature is raised by a further 0.5°C after 90 minutes for FTK(X)S50/60/71F and FTKD50/60/71F.

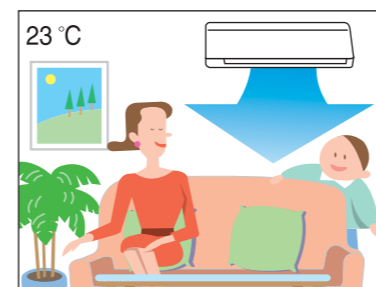
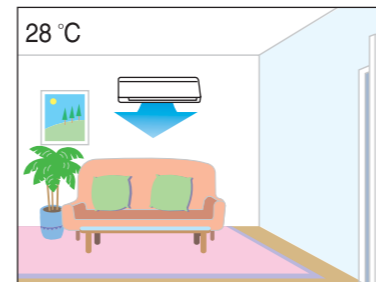
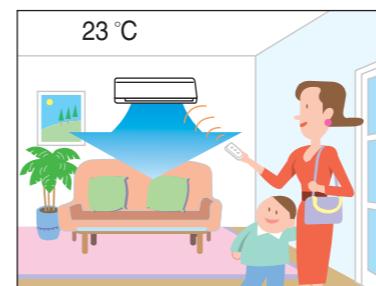
Heating operation: Room temperature is lowered by 2°C after 60 minutes for FTK(X)S50/60/71F.

Lifestyle Convenience

Home Leave Operation prevents large rises or falls in the indoor temperature by continuing operation* while you are sleeping or out of your home. This means that an air-conditioned welcome awaits when you wake up or return home. It also means that the indoor temperature can quickly return to your favourite comfort setting.

*Home Leave Operation can be set at any temperature from 18 to 32°C for cooling operation and 10 to 30°C for heating operation. Home Leave Operation is available for FTK(X)S50/60/71F and FTKD50/60/71F.

During cooling operation, 23 °C for the room temperature setting, and 28 °C for the Home Leave setting.



One push!!

Start Home Leave Operation simply by pushing its button on the remote controller.

When you are out of your home, your air conditioner prevents large rises/falls in the indoor temperature by continuing to operate using Home Leave Operation settings.

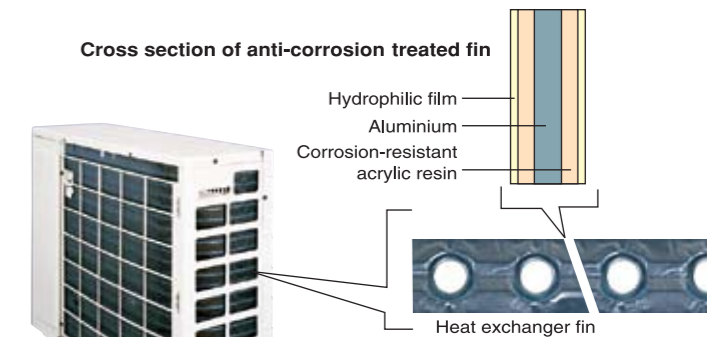


Push again!!

When you return, you will be greeted by an air-conditioned room. Just push the HOME LEAVE button again to return to your previous settings.

Worry Free

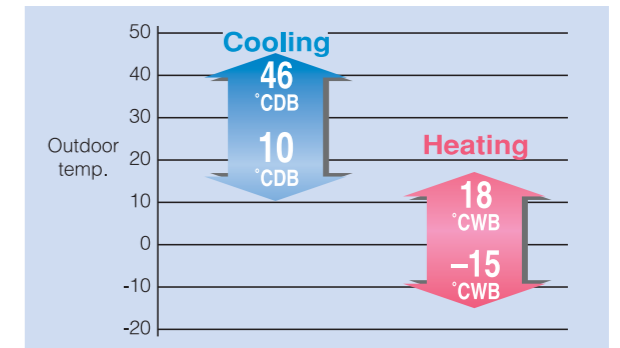
The outdoor unit's heat exchanger fins are processed using a special anti-corrosion treatment. The surface is covered with a thin acrylic resin layer to enhance the fins' resistance to acid rain and salt corrosion. A hydrophilic film layer also prevents rust caused by the run off of water droplets. Additional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



Wide Operation Range

Even during cold seasons, a crowded party or sudden change in the indoor temperature can leave a room overheated. With the heat pump type FTKS50/60/71F, cooling operation is possible even during outdoor temperatures of as low as 10°C. Heating operation can also be performed during outdoor temperatures of -15 to 18°C. This makes these units ideal for even very cold areas.

Heat pump type FTKS50/60/71F



Installation Flexibility

A long piping length gives installation flexibility. Installation is possible even if there is no space for the outdoor unit near the indoor unit.

	Max. piping length	Max. height difference
FTK(X)S25/35E	20 m	15 m
FTK(X)S50/60/71F	30 m	20 m
FTKE25/35G	15 m	15 m
FTKD50/60/71F	30 m	20 m



FT25/35G and FTE25/35



FT50/60G and FTE50/60

Sophisticated Appearance with Flat Panel

The series' simple and stylish flat panel design harmonises with every interior decor. The 2.5 and 3.5 kW models feature the latest sleek design.

Quiet Operation

The series offers low sound levels for both indoor and outdoor units. The 2.5 kW indoor unit operates at 28 dB.

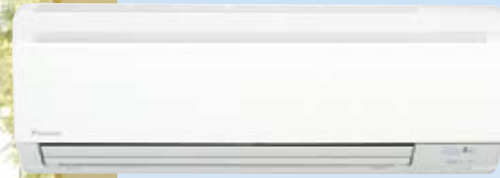
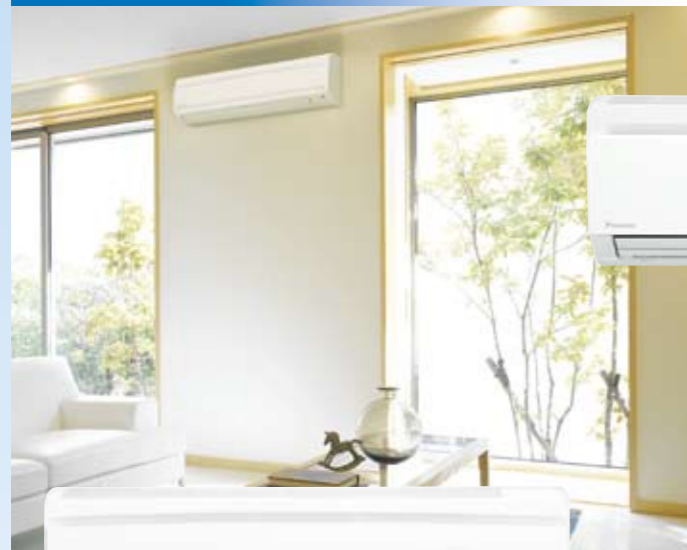
Cleanliness

All units offer a range of clean features, including Air-Purifying Filter with Photocatalytic Deodorising Function and Wipe-Clean Flat Panel.

A Refreshingly Simple Design

The 2.5 to 6.6 kW models' stylish flat panel design creates a simplicity and sophistication that enhances any interior space. All models feature the same sleek flat panel design, providing a smooth, unified finish in every room in every home.

Split Type G Series



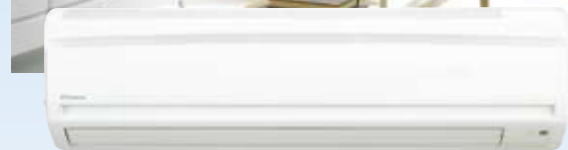
New Design

FT25/35G



R25/35G

FT25G / R25G
2.62 kW 8,900 Btu/h
FT35G / R35G
3.70 kW 12,700 Btu/h



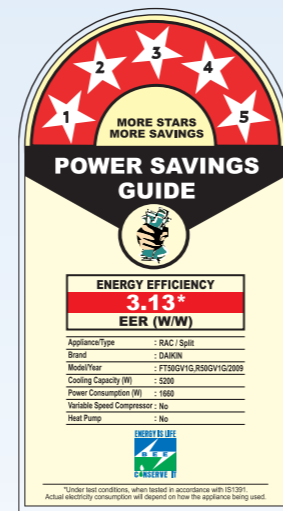
FT50/60G



R50G

R60G

FT50G / R50G
5.3 kW 18,090 Btu/h
FT60G / R60G
6.6 kW 22,530 Btu/h



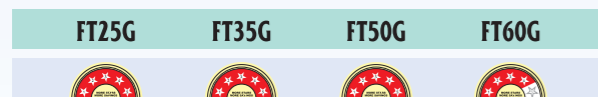
*Model : FT25G, FT35G, FT50G

R-22

22

Higher Energy Savings

Daikin's 5-star rated range* of technologically advanced air conditioners has higher COP, consumes less energy and thus uses less resources. Not just your body, it also helps you keep your mind calm.



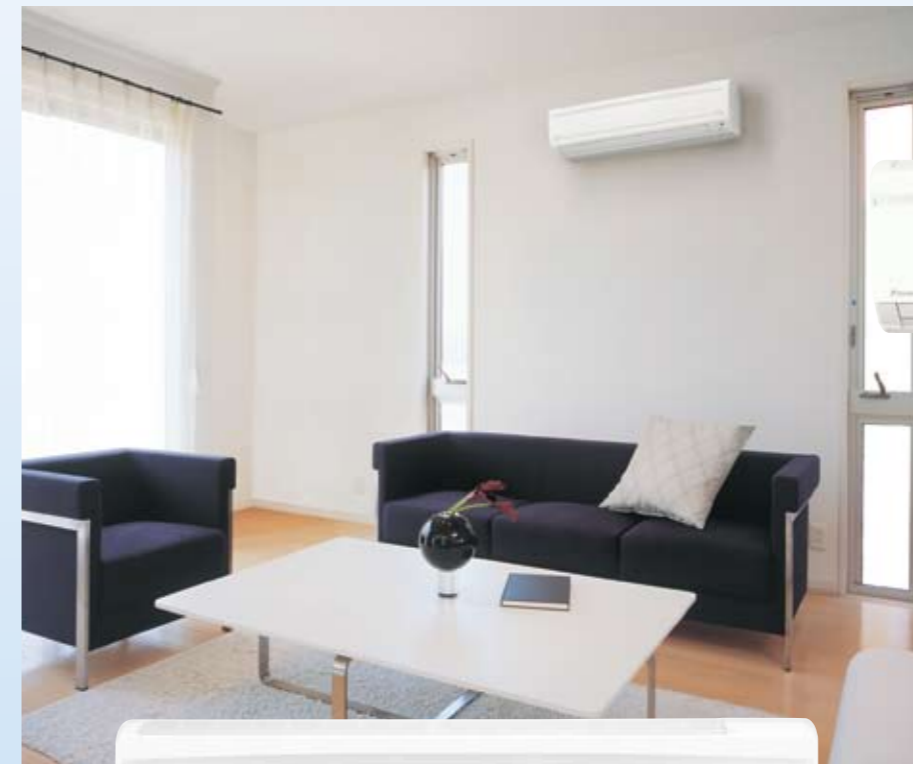
What is COP?
An air conditioner's COP (Coefficient of Performance) indicates how efficiently the unit uses energy. A higher COP means greater energy efficiency. It also means lower electricity consumption, so you save money.

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

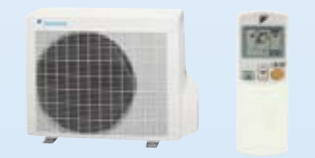
Function lineup (page 30-32)



Split Type E Series



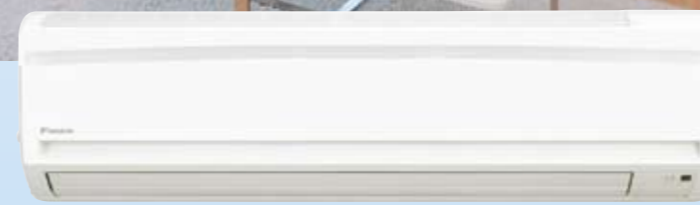
FTE25/35KV16



RE25/35KV16

FTE25KV16 / RE25KV16
2.45 kW 8,360 Btu/h

FTE35KV16 / RE35KV16
3.35 kW 11,450 Btu/h



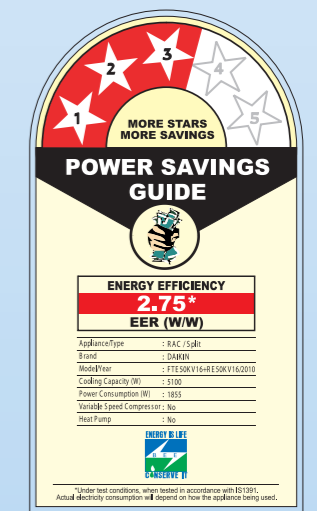
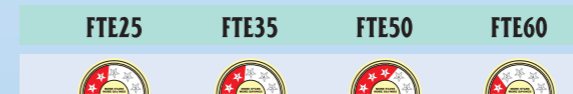
FTE50/60KV16

New Design



RE50/60KV16

FTE50KV16 / RE50KV16
5.2 kW 17,750 Btu/h
FT60KV16 / RE60KV16
6.4 kW 21,800 Btu/h

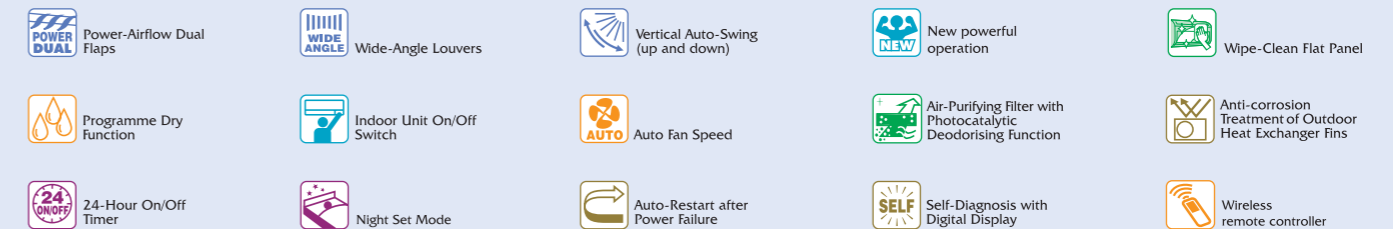


R-22

*Model : FTE50

23

Function lineup page (30-32)



Easy to Coordinate and Wide Range of Airflow Functions

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.

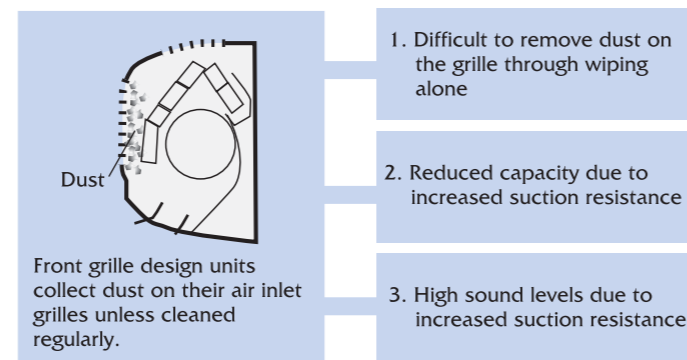


Wipe-Clean Flat Panel

Daikin has removed the grooves from the front panel to make it easier to clean. 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.

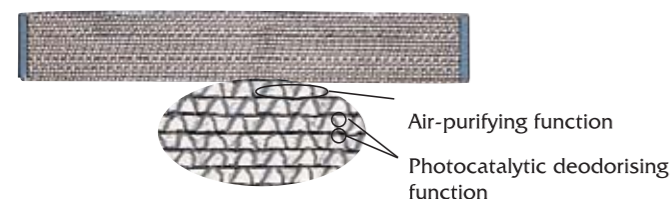
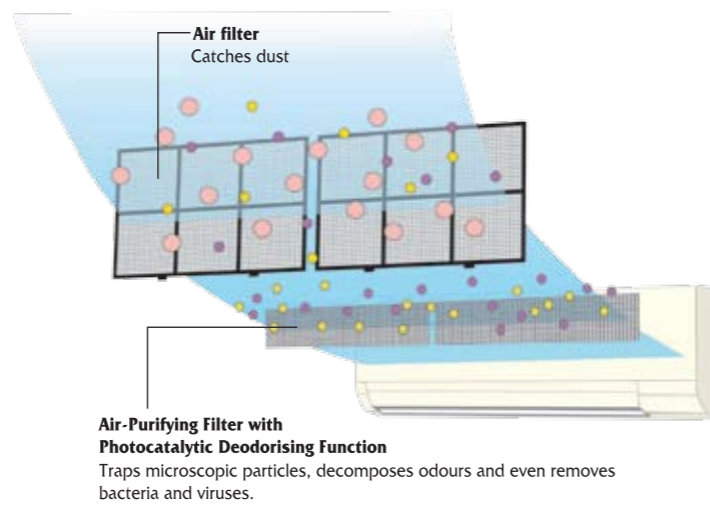


Conventional Front Grille Design



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 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 maintained periodically.

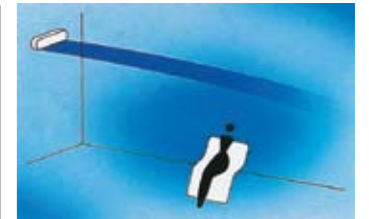


Bacteria removal test
Testing method: Dropping method
Testing organisation: Japan Spinners Inspecting Foundation
Result certificate: No. 012553-1 and 012553-2



Power-Airflow Dual Flaps

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



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.



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 does not enter.



Horizontal Auto-Swing (left and right)

Horizontal Auto-Swing automatically moves the louvers to the left and right to cover a room with cool air.



New Powerful Operation

New Powerful Operation boosts airflow to maximum volume for a 20-minute period. After this, the unit automatically returns to its previous settings. This function is activated by pushing the POWERFUL button on the remote controller. So, now when you come home on a hot day, a powerful airflow will always be right at your fingertips.



Auto Fan Speed

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

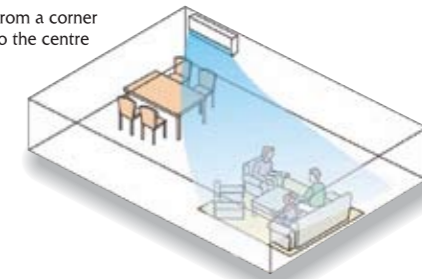
Quiet Sound Levels

FT25G/FTE25 offer a low sound level of 28 dB for indoor unit operation and 47 dB/46 dB respectively for outdoor unit operation.

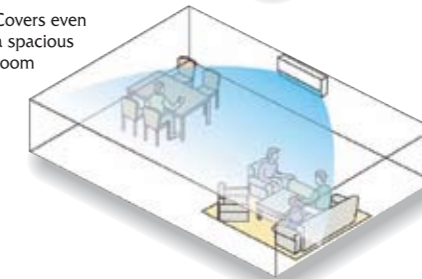
Indoor units	FT25G	FT35G	FT50G	FT60G*
	FTE25	FTE35	FTE50	FTE60+
Sound levels (L)	28	31	35	36+/38*
Outdoor units	R25G°	R35G	R50G	R60G
	RE25#	RE35	RE50	RE60
Sound levels (H)	46*/47*	48	54	54

Based on 220 V power supply

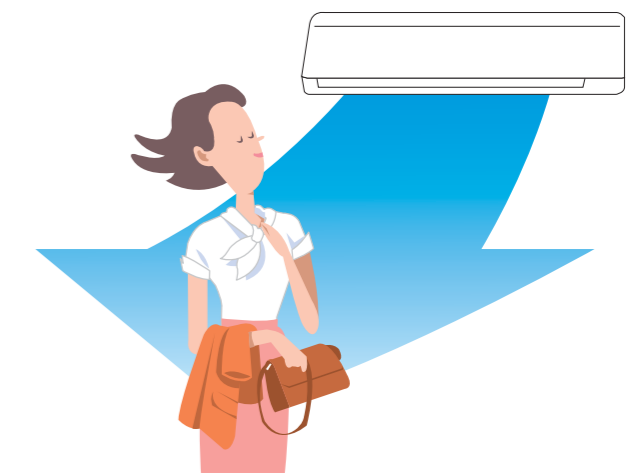
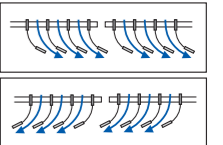
From a corner to the centre



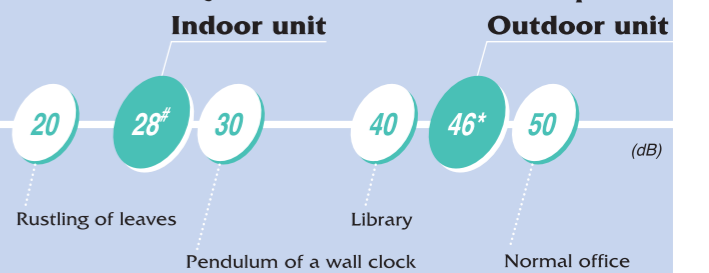
Covers even a spacious room



WIDE ANGLE



28 dB Is So Quiet You Can Even Hear Whispers



*RE25 #FTE25

High Operational Reliability



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.



FT25/35G appearance

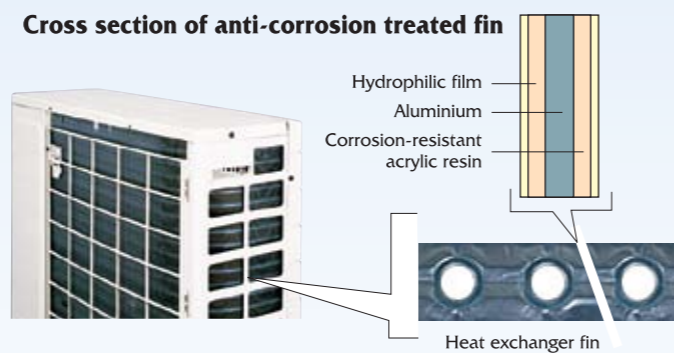


Indoor Unit On/Off Switch



Anti-corrosion treatment of outdoor heat exchanger

The outdoor unit's heat exchanger fins are processed using a special anti-corrosion 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 rust-proof steel sheet on the bottom of the unit.

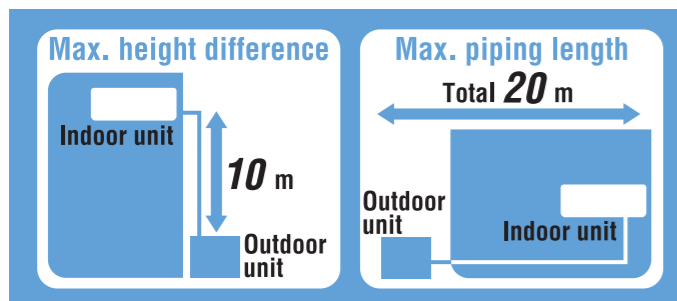


Self-diagnosis digital display

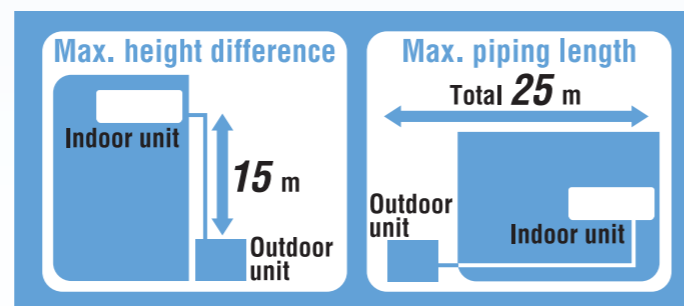
Malfunction codes are shown on the digital display panel of the wireless remote controller for fast and easy maintenance.

Long piping length for flexible unit placement

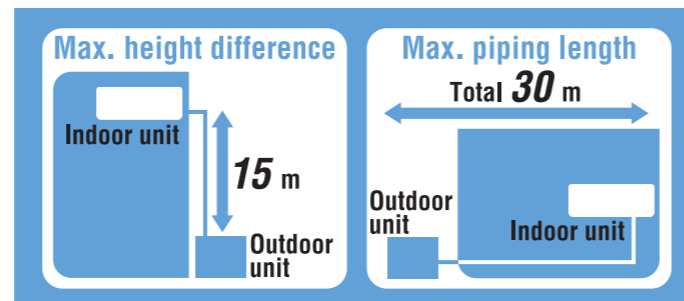
FT50/60G & FTE (all models) support a piping length of up to 30 & 20 metres respectively to give flexibility during unit installation. This allows the outdoor unit to be placed on a balcony or where it can not be seen. Indoor units can also be installed where they do not compromise the decor of a room.



Figures are for FTE25/35/50/60



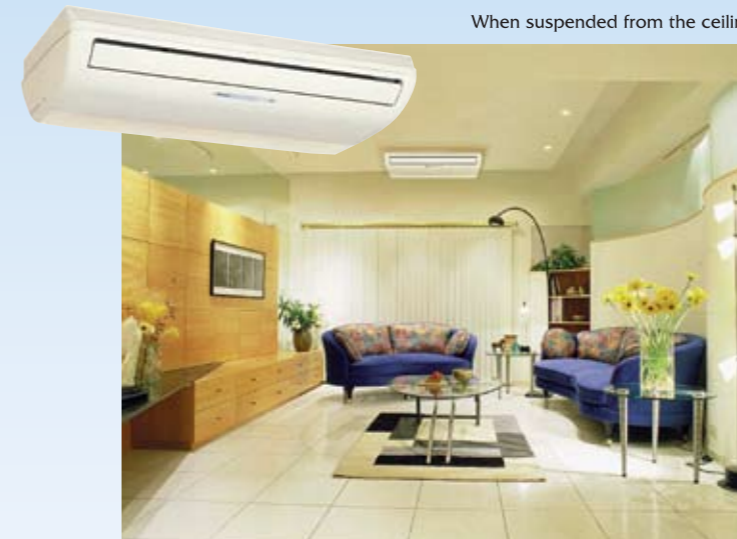
Figures are for FT25/35G



Figures are for FT50/60G

FL
FL35~50

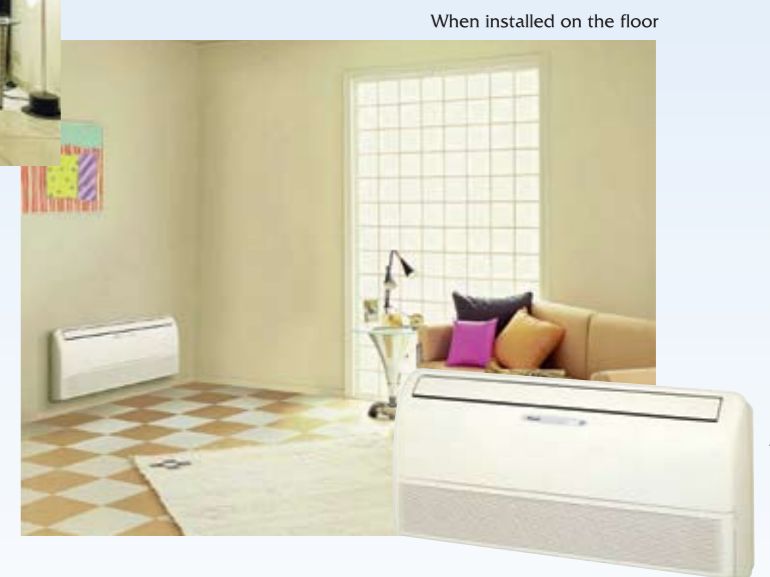
Floor/Ceiling Suspended Dual Type



LCD wireless remote controller



R-22



Lightweight and Compact

The industry's most lightweight and compact floor/ceiling mounted model design. (Unit weight: 19 kg, unit height: 490 mm)

Sophisticated Design

Attractive design suitable for most interiors, featuring slim and rounded shapes.

New features translate into more convenience

- Air-Purifying Filter (with deodorizing and disinfecting functions)
- ON/OFF Switch on indoor unit
- ON/OFF timer (24-hours)
- Filter Cleaning Indicator
- Auto restart

Function lineup page (30-32)

Vertical auto-swing (Up and down)	Self-diagnosis digital display	Programme dry function	Wireless remote controller
New powerful operation	Anti-corrosion treatment of outdoor heat exchanger	Filter cleaning Indicator	
Indoor unit On/Off switch	Air-purifying filter with bacteriostatic, virustatic, and deodorising functions	Night set mode	
Auto-restart (after power failure)	Mould-proof air filter	24-hour On/Off timer	

FTY
FTY35~60

Wall Mounted Type (Heat Pump)

You need to be sure that an air conditioner is suitable for the wall materials used in your home. Rest assured, the lightweight and compact size of this unit type means you can easily and permanently mount it on any type of wall.



R-22

LCD wireless remote controller



Warms/Cools Effectively Wherever the Indoor Unit is Placed

DUAL The dual flap system combines a big flap and a variable diffuser which regulates the outlet aperture to an optimum shape. Vertical auto-swing automatically moves the flaps up and down to effectively distribute air throughout the whole room. When the air conditioner is turned off, the flaps shut automatically so that dust does not enter.



Heating:
The flaps descend to blow warm air directly down to the floor to quickly warm the whole room.

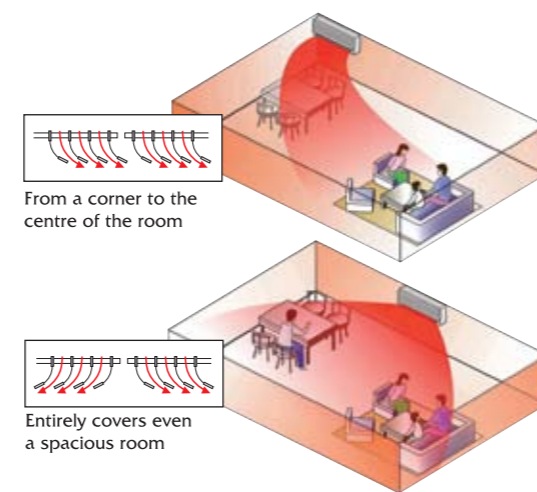
28 Horizontal auto-swing automatically moves the diffuser to the left and right to ensure an even distribution of air.



Cooling:
The flaps flatten out during operation so that cool air slides off to reach the farthest corners of the room.

WIDE ANGLE Wide-angle louvers provide up to 120° of airflow coverage to effectively warm/cool no matter where the indoor unit is placed in the room. They can be adjusted manually according to the placement of the air conditioner.

WIDE ANGLE
120°



From a corner to the centre of the room

Entirely covers even a spacious room

Energy-Saving Operation is Achieved Even During Extended Use

An energy-saving air conditioner is not only good for you, it is also good for the environment. Daikin air conditioners incorporate a range of advanced technology which allows them to achieve significant energy savings even during periods of extended use.

COP (W/W)	FTY50	FTY60
Cooling	2.74	2.67
Heating	3.41	3.10

Peace and Quiet Have Come to Your Life

A quiet indoor unit is important if you are to relax peacefully in your living room and sleep comfortably in your bedroom.

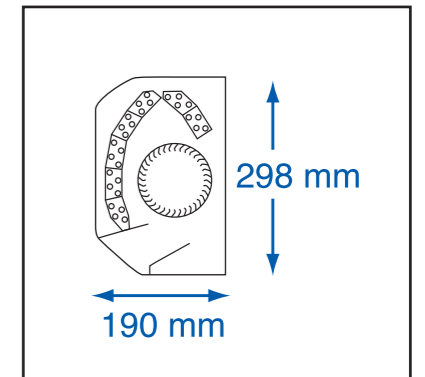
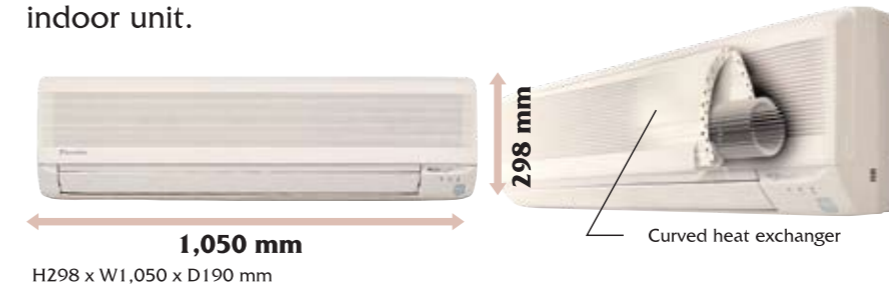
Quieter operating sound levels

Indoor unit (H/L dB)	FTY50	FTY60
	45/35	46/37

Cooling operation 220 V

Compact and Stylish to Enhance Room Decor

The curved design of the heat exchanger has resulted in a more compact yet more powerful indoor unit.



12-hour On/Off timer

This function allows a 12-hour timer to be set at the push of a single button.

Night set mode

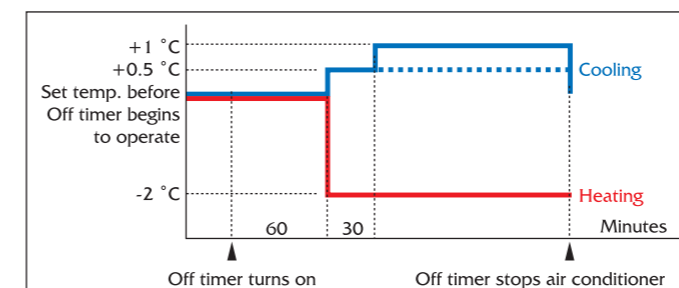
Pressing the Off timer button automatically selects the night set mode. This function gently raises/lowers room temperature before stopping the air conditioner. This prevents the feeling of being too hot or too cold that can result from a sudden change in room temperature when the unit stops.

Automatic operation

Automatic operation selects heating or cooling operation based on the temperature and humidity conditions in the room when the air conditioner is turned on.

Hot start

The cold air that is produced when heating operation first starts or when changing from defrosting to heating operation is eliminated with this function.



After 60 minutes Night set mode raises room temperature by 0.5°C, while continuing to hold the outdoor unit at minimum operating sound levels. When the outdoor temperature is below 27°C, it raises room temperature by a further 0.5°C after 90 minutes. This means there is no sudden change in room temperature so you can sleep more comfortably. For heating operation, after 60 minutes Night set mode lowers room temperature by 2°C.

Function lineup page (30-32)

Auto fan speed	Self-diagnosis digital display	Programme dry function	Wireless remote controller
New powerful operation	Anti-corrosion treatment of outdoor heat exchanger	Filter cleaning Indicator	Wide-angle louvers
Indoor unit On/Off switch	Air-purifying filter with bacteriostatic, virustatic, and deodorising functions	Night set mode	Dual flap system
Auto-restart (after power failure)	Mould-proof air filter	12-hour On/Off timer	Washable grille

Function List

Functions	Models	Wall-mounted type				Wall-mounted type (G and E series)				Wall-mounted type (heat pump)	Floor/Ceiling suspended dual type
		FTK(X)S 25/35E	FTK(X)S 50/60/71F	FTKE 25/35G	FTKD 50/60/71F	FT 25/35G	FT 50/60G	FTE 25/35	FTE 50/60	FTY 35~60	FL 35~50
DC Inverter		●	●	●	●						
Comfortable Airflow	Power-Airflow Dual Flaps	●	●	●	●	●	●	●	●	●	
	Wide-Angle Louvers	●	●	●	●	●	●	●	●	●	
	Vertical Auto-Swing (up and down)	●	●	●	●	●	●	●	●	●	●
	Horizontal Auto-Swing (left and right)		●		●		●				
	3-D Airflow		●		●						
Comfort Control	Indoor Unit Quiet Operation	●	●	●	●						
	Outdoor Unit Quiet Operation	●	●	●	●						
	Intelligent Eye	●	●	●	●						
	Automatic Operation*	●	●	●	●						
	Programme Dry Function	●	●	●	●	●	●	●	●	●	●
	Auto Fan Speed	●	●	●	●	●	●	●	●	●	●
	Wireless remote controller	●	●	●	●	●	●	●	●	●	●
Lifestyle Convenience	Econo Mode	●	●	●	●						
	New Powerful Operation					●	●	●	●	●	●
	Home Leave Operation		●		●						
	Inverter Powerful Operation	●	●	●	●						
	Indoor Unit On/Off Switch	●	●	●	●	●	●	●	●	●	●
	Titanium Apatite Photocatalytic Air-Purifying Filter	●	●	●	●						
Cleanliness	Mould-Proof Operation	●	●	●	●						
	Wipe-Clean Flat Panel	●	●	●	●	●	●	●	●	●	
	Mould-Proof Air Filter	●	●	●	●	●	●	●	●	●	●
	Air-Purifying Filter									●	●
	Air-Purifying Filter with photocatalytic deodorising function					●	●	●	●	●	●
	Timers	12-hour On/Off timer									●
24-hour On/Off timer		●	●	●	●	●	●	●	●	●	●
Night Set Mode		●	●	●	●	●	●	●	●	●	●
Worry Free	Auto-Restart after Power Failure	●	●	●	●	●	●	●	●	●	●
	Self-Diagnosis with Digital Display	●	●	●	●	●	●	●	●	●	●
	Anti-corrosion Treatment of Outdoor Heat Exchanger Fins	●	●	●	●	●	●	●	●	●	●

* Available with the heat pump type.

Function Dictionary

Comfort Control

Indoor Unit Quiet Operation
Indoor unit operating sound levels are decreased by 2 or 3 dB from the Low setting fan speed using the wireless remote controller.

Outdoor Unit Quiet Operation
Outdoor unit operating sound levels are decreased by 3 to 5 dB from the rated operation sound using the wireless remote controller.

Intelligent Eye
Intelligent Eye with its infra-red sensor automatically controls air conditioner operation according to human movement in a room. When there is no movement, it adjusts the temperature by 2 °C for energy savings of up to 20%.

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.

Wireless remote controller

Automatic Operation*
This function automatically selects cooling or heating operation mode based on the room temperature at start-up.

Lifestyle Convenience

Econo Mode
This mode limits maximum running current and power consumption to 70% of normal operation, while maintaining maximum capacity at 80%. This improves operating efficiency and also prevents circuit breakers from being overloaded.

Inverter Powerful Operation
This function is convenient for boosting cooling performance for a 20-minute period, both when you first turn on your air conditioner or want to quickly change the room temperature.

Home Leave Operation
Home Leave Operation continues operation to prevent a room from becoming too hot, while you are sleeping or out of your home. Select any temperature from 18 to 32 °C.

* Available with the heat pump type.

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.

Titanium Apatite Photocatalytic Air-Purifying Filter
This filter contains the new photocatalytic material titanium apatite. While the filter's micron-level fibres trap dust, this photocatalyst adsorbs and decomposes bacteria and viruses, and breaks down mould and odours. The filter can be used for up to 3 years with proper maintenance.

Mould-Proof Operation
Mould-Proof Operation automatically runs fan-only operation for 1 hour when cooling or dry operation is stopped. This airflow prevents the generation of mould and mould odours inside the indoor unit.

Wipe-Clean Flat Panel
The flat panel models can be cleaned with only single swipe of cloth across their smooth surface. The flat panel can also be easily removed for more thorough cleaning.

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

Photocatalytic Deodorising Filter
This filter decomposes odours and even removes bacteria and viruses. This power is maintained simply by exposing the filter to sunlight once every 6 months.

Air-Purifying Filter
This filter removes impurities such as dust, pollen and cigarette smoke as well as bacteria and viruses from the air.

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 starts/stops simply by pressing the On/Off timer button on the wireless remote controller.

Night Set Mode
Pressing the Off timer button automatically selects 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.

Function Dictionary



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.



New Powerful Operation

New Powerful Operation boosts airflow to maximum volume for a 20-minute period. After this, the unit automatically returns to its previous settings. This function is activated by pushing the POWERFUL button on the remote controller. So, now when you come home on a hot day, a powerful airflow will always be right at your fingertips.

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.



Anti-corrosion Treatment of Outdoor Heat Exchanger Fins

The outdoor unit's heat exchanger fins are processed using a special anti-corrosion treatment. The surface is covered with a thin acrylic resin layer to enhance the fins' resistance to acid rain and salt corrosion.

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.



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.



Vertical Auto-Swing (up and down)

This function automatically moves the flaps up and down to distribute air across a room.



Horizontal Auto-Swing (left and right)

Horizontal Auto-Swing automatically moves the louvers to the left and right to cover a room with cool air.

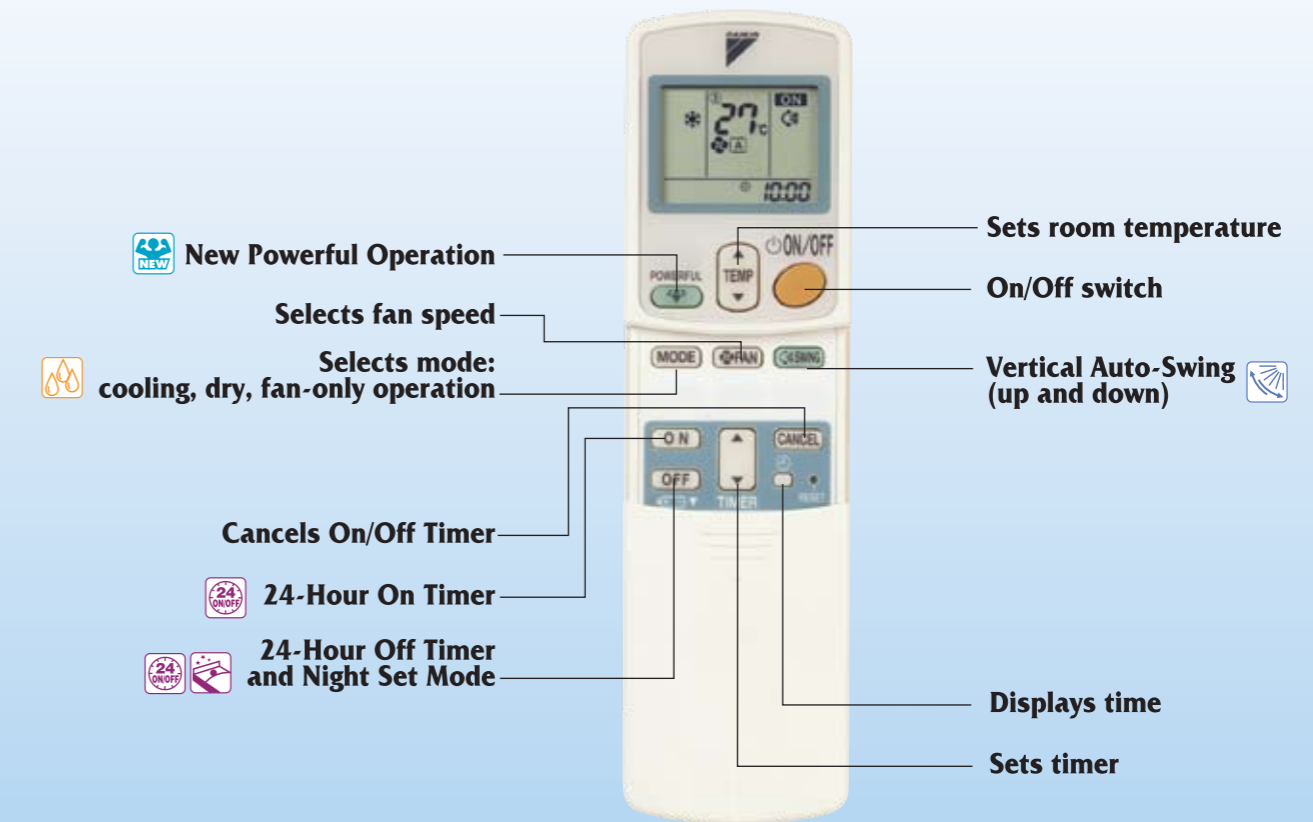


3-D Airflow

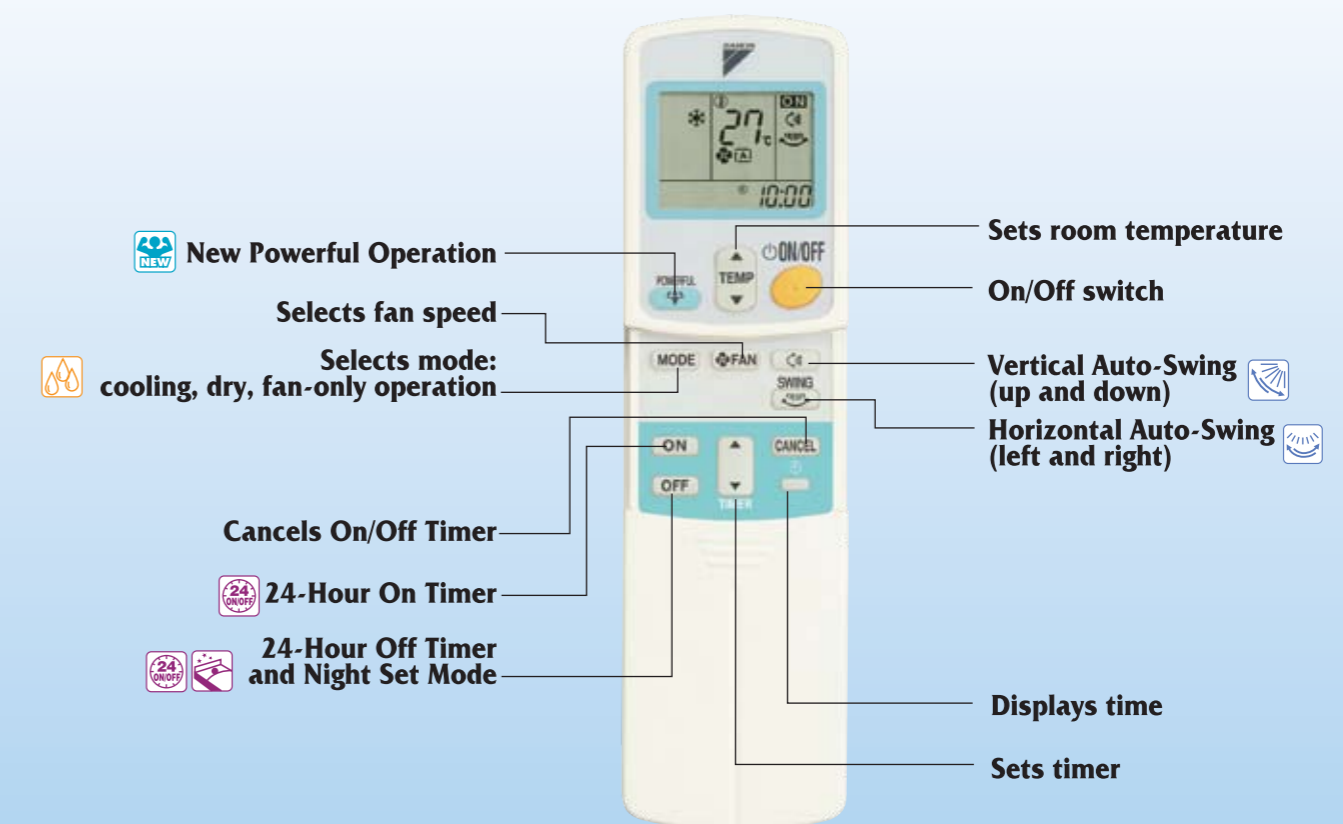
This function combines Vertical and Horizontal Auto-Swing to circulate a cloud of cool air right to the corners of even large spaces.

Easy-to-use wireless remote controller

Wireless remote controller for FT25/35G and FTE25/35/50/60

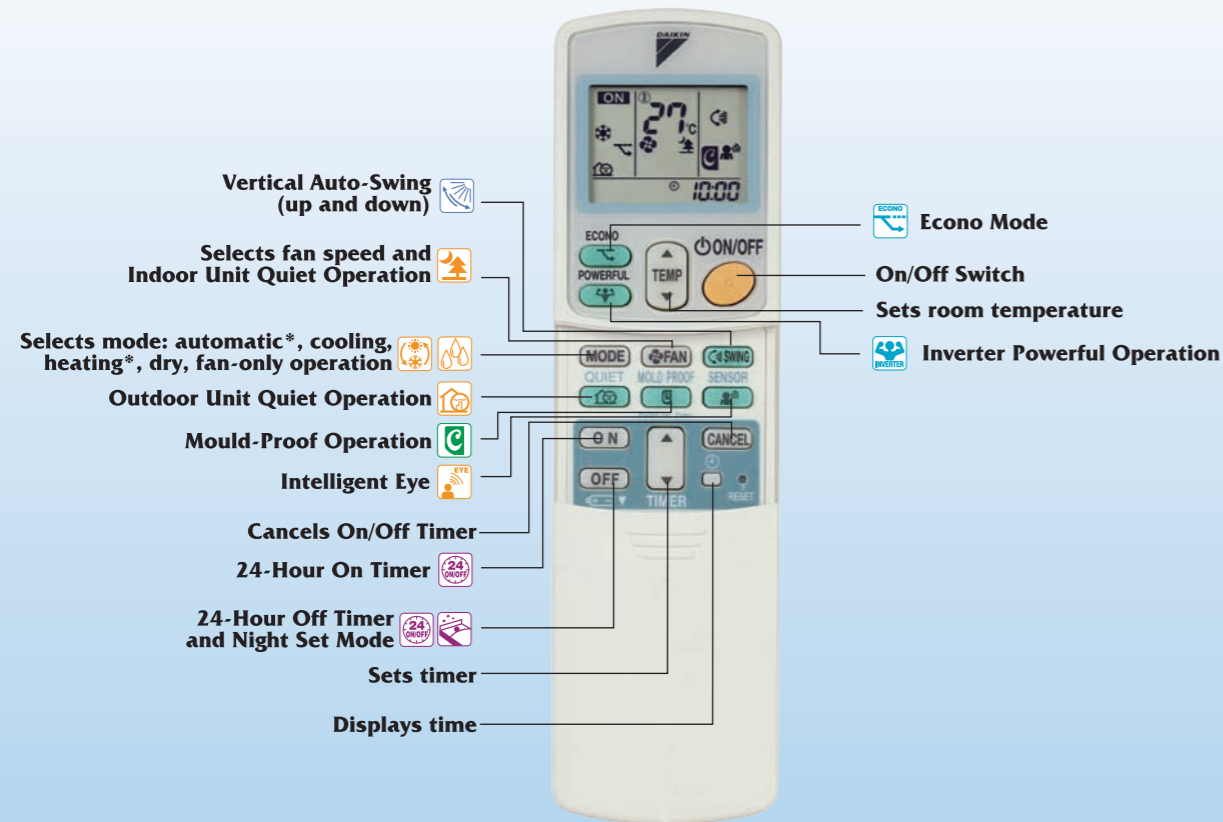


Wireless remote controller for FT50/60G



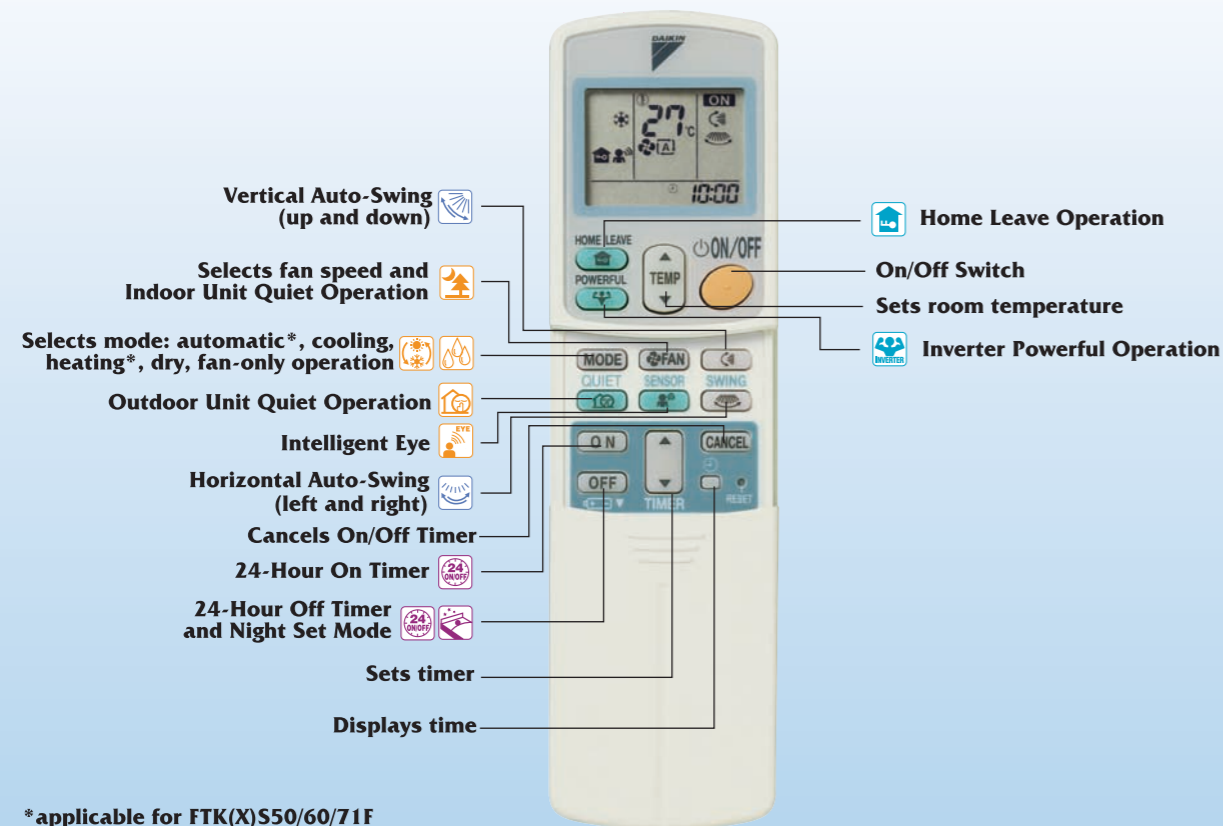
Easy-to-Use Wireless Remote Controller

Wireless remote controller for FTK(X)S25/35E and FTKE25/35G



*applicable for FTK(X)S25/35E

Wireless remote controller for FTK(X)S50/60/71F and FTKD50/60/71F



*applicable for FTK(X)S50/60/71F

Options

Indoor units

S.No.	ITEM	FTKE25/35G, FTK(X)S25/35E	FTKD50/60/71F, FTK(X)S50/60/71F	FTE25/35	FTE50/60	FT25/35G	FT50/60G
1.	5-Room centralised controller *1			KRC72			
2.	Wiring adaptor for time clock/remote controller (Normal open pulse contact/normal open contact) *2	KRP413A1S		KRP413AB1S		KRP413A1S	
3.	Titanium apatite photocatalytic air-purifying filter *3	KAF970A46	KAF952B42		KAF952B42		
4.	Remote controller loss prevention with chain			KKF917A4			
5.	Air-purifying filter with photocatalytic deodorising function without frame			KAF970A44		KAF970A44	KAF952A42

Note: *1. A wiring adaptor (KRP413A1S) is also required for each indoor unit.

*2. The time clock and other devices should be obtained locally.

*3. The filter is a standard accessory. It should be replaced approximately every 3 years.



5-room centralised controller KRC72



Titanium apatite photocatalytic air-purifying filter KAF970A46



Titanium apatite photocatalytic air-purifying filter KAF952B42



Remote controller loss prevention with the chain KKF917A4

Outdoor units

S.No.	ITEM	RKE25/35G, RK(X)S 25/35E	RKD50/60/71F, RK(X)S50/60/71F	RE25/35	RE50/60	R25/35G	R50/60G
1.	Air direction adjustment grille	KPW937A4	KPW954A4	KPW937A4	—	KPW937A4	KPW954A4
2.	Drain plug	KKP937A4	KKP937A4 (for RKX71F - KKP945A4)			KKP937A4	

Note: *1. One set includes 5 pieces for 5 units.



Air direction adjustment grille KPW945A4



Drain plug KKP937A4

Control System

S.No.	ITEM	FTKE25/35G & FTK(X)S25/35E	FTKD50/60/71F & FTK(X)S50/60/71F
1.	Central remote controller *1		DCS302CA61
2.	Unified On/Off controller *1		DCS301BA61
3.	Schedule timer *1		DST301BA61
4.	Interface adaptor for DIII-NET use	KRP928B2S	

Notes: *1. A wiring adaptor (KRP928B2S) is also required for each indoor unit.



Central remote controller DCS302CA61



Unified On/Off controller DCS301BA61



Schedule timer DST301BA61

Specifications

WALL MOUNTED TYPE (COOLING ONLY & HEAT PUMP) FTK(X)S25/35E

Model name	Cooling only				Heat pump			
	Indoor unit		FTKS25	FTKS35	FTXS25	FTXS35	Outdoor unit	
	RKS25		RKS35	RXS25	RXS35			
Capacity	Cooling	Rated (Min.-Max.)	kW	2.5 (1.2-3.0)	3.5 (1.2-3.8)	2.5 (1.2-3.0)	3.5 (1.2-3.8)	
			Btu/h	8,500 (4,100-10,200)	11,900 (4,100-12,950)	8,500 (4,100-10,200)	11,900 (4,100-12,950)	
Power supply	Heating	Rated (Min.-Max.)	kW	–	–	3.4 (1.2-4.5)	4.0 (1.2-5.0)	
			Btu/h	–	–	11,600 (4,100-15,350)	13,600 (4,100-17,050)	
Running current	Cooling	Rated	A	3.5	4.9	3.5	4.9	1 phase, 220-230-240V, 50Hz
Power consumption	Heating	Rated	W	–	–	4.3	5.1	
			W	600 (300-800)	1,020 (300-1,200)	600 (300-800)	1,020 (300-1,200)	
COP	Cooling	Rated	W/W	4.17	3.43	4.17	3.43	
	Heating	Rated	W/W	–	–	4.10	3.70	
Indoor unit				FTKS25EVMA	FTKS35EVMA	FTXS25EVMA	FTXS35EVMA	
Front panel colour				White				
Airflow rate (H)	Cooling	m ³ /min (cfm)		8.7 (307)	8.9 (314)	8.7 (307)	8.9 (314)	
	Heating			–	–	9.4 (332)	9.7 (342)	
Fan speed				5 steps, quiet and automatic				
Sound levels (H/L/SL)	Cooling	dB (A)		37/25/22	38/26/23	37/25/22	38/26/23	
	Heating			–	–	37/28/25	38/29/26	
Dimensions (H x W x D)				283 x 800 x 195				
Machine weight				9				
Outdoor unit				RKS25EVMA	RKS35EVMA	RXS25EVMA	RXS35EVMA	
Casing colour				Ivory white				
Compressor	Type		Hermetically sealed swing type					
	Motor output	W	600					
Refrigerant charge (R-410A)				1.00				
Sound levels (H/L)	Cooling	dB (A)		46/43	47/44	46/43	47/44	
	Heating			–	–	47/44	48/45	
Dimensions (H x W x D)				550 x 765 x 285				
Machine weight				32				
Operation range	Cooling	*CDB		10 to 46	–	10 to 46	–	
	Heating	*CWB		–	–	–10 to 20	–	
Piping connections	Liquid	mm	ø6.4					
	Gas		ø9.5					
	Drain		ø18.0					
Max. piping length				20				
Max. height difference				15				

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 7.5 m. 2. Heating capacity is based on: indoor temp. 20° CDB; outdoor temp. 7° CDB, 6° CWB; piping length 7.5 m. 3. Sound levels are based on temperature conditions 1. and 2. above. These are anechoic conversion values. These values are normally somewhat higher during actual operation as a result of ambient conditions.

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WALL MOUNTED TYPE (COOLING ONLY & HEAT PUMP) FTK(X)S50/60/71F

Model name	Cooling only				Heat pump				
	Indoor unit		FTKS50	FTKS60	FTKS71	FTXS50FVMA	FTXS60FVMA	FTXS71FVMA	
	RKS50		RKS60	RKS71	RXS50FVMA	RXS60FVMA	RXS71FVMA		
Capacity	Cooling	Rated (Min.-Max.)	kW	5.0 (1.7-6.0)	6.0 (1.7-6.7)	7.1 (2.3-8.3)	5.0 (1.7-6.0)	6.0 (1.7-6.7)	7.1 (2.3-8.5)
			Btu/h	17,100 (5,800-20,500)	20,500 (5,800-22,900)	24,200 (7,800-28,300)	17,100 (5,800-20,500)	20,500 (5,800-22,900)	24,200 (7,800-29,000)
Power supply	Heating	Rated (Min.-Max.)	kW	–	–	–	5.8 (1.7-7.7)	7.0 (1.7-8.0)	8.2 (2.3-10.0)
			Btu/h	–	–	–	19,800 (5,800-26,300)	23,900 (5,800-27,300)	28,000 (7,900-34,100)
Running current	Cooling	Rated	A	7.2	9.2	11.5	7.2	9.2	10.8
Power consumption	Heating	Rated	W	–	–	–	7.4	9.4	11.6
			W	1,550 (440-2,080)	1,990 (440-2,400)	2,510 (570-3,580)	1,550 (440-2,080)	1,980 (440-2,390)	2,360 (570-3,200)
COP	Cooling	Rated	W/W	3.23	3.02	2.83	3.23	3.03	3.01
	Heating	Rated	W/W	–	–	–	3.63	3.43	3.25
Indoor unit				FTKS50FVM	FTKS60FVM	FTKS71FVM	FTXS50FVMA	FTXS60FVMA	FTXS71FVMA
Front panel colour				White					
Airflow rate (H)	Cooling	m ³ /min (cfm)		14.7 (519)	16.2 (572)	17.4 (614)	14.7 (519)	16.2 (572)	17.4 (614)
	Heating			–	–	–	16.2 (572)	17.4 (614)	21.5 (759)
Fan speed				5 steps, quiet and automatic					
Sound levels (H/L/SL)	Cooling	dB (A)		43/34/31	45/36/33	46/37/34	44/35/32	45/36/33	46/37/34
	Heating			–	–	–	42/33/30	44/35/32	46/37/34
Dimensions (H x W x D)				290 x 1,050 x 238					
Machine weight				12					
Outdoor unit				RKS50FVM	RKS60FVM	RKS71FVM	RXS50FVMA	RXS60FVMA	RXS71FVMA
Casing colour				Ivory white					
Compressor	Type		Hermetically sealed swing type						
	Motor output	W	1,100						
Refrigerant charge (R-410A)				1.50					
Sound levels (H/L)	Cooling	dB (A)		47/44	49/46	53/49	47/44	49/46	52/49
	Heating			–	–	–	48/45	49/46	52/49
Dimensions (H x W x D)				735 x 825 x 300					
Machine weight				47					
Operation range	Cooling	*CDB		–	–	–	10 to 46	–	–
	Heating	*CWB		–	–	–	–	–15 to 18	–
Piping connections	Liquid	mm	ø6.4						
	Gas		ø12.7		ø15.9		ø12.7		ø15.9
	Drain		ø18.0						
Max. piping length				30					
Max. height difference				20					

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 7.5 m. 2. Heating capacity is based on: indoor temp. 20° CDB; outdoor temp. 7° CDB, 6° CWB; piping length 7.5 m. 3. Sound levels are based on temperature conditions 1. and 2. above. These are anechoic conversion values. These values are normally somewhat higher during actual operation as a result of ambient conditions.

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WALL MOUNTED TYPE (COOLING ONLY) FTKE25/35G

Model name	Indoor unit		FTKE25GV1	FTKE35GV1
	Outdoor unit		RKE25GV1	RKE35GV1
Capacity	Rated (Min.-Max.)	kW	2.5 (1.6-3.2)	3.2 (1.6-4.0)
		Btu/h	8,500 (5,450-10,900)	10,900 (5,450-13,600)
Power supply		1 phase, 220-240 V, 50 Hz		
Running current	Rated	A	4.3-4.2-4.1	4.6-4.5-4.4
Power consumption	Rated (Min.-Max.)	W	746 (455-1,180)	955 (455-1,550)
COP	Rated	W/W	3.35	
Indoor unit		FTKE25GV1		FTKE35GV1
Front panel colour		White		
Airflow rate (H)	m ³ /min (cfm)	8.9 (314)		9.0 (318)
Fan speed		5 steps, quiet and automatic		
Sound levels (H/L/SL)	dB (A)	37/28/25		39/29/26
Dimensions (H x W x D)		283 x 800 x 195		
Machine weight		9		
Outdoor unit		RKE25GV1		RKE35GV1
Casing colour		Ivory white		
Compressor	Type		Hermetically sealed swing type	
	Motor output	W	600	
Refrigerant charge (R-22)		0.67		0.77
Sound levels (H/L)	dB (A)	47/43		48/44
Dimensions (H x W x D)		550 x 765 x 285		
Machine weight		30		32
Operation range		*CDB		
Piping connections	Liquid	ø6.4		
	Gas	ø9.5		ø12.7
	Drain	ø18.0		
Max. piping length		15		
Max. height difference		15		

Measurement conditions

1. Cooling capacity is based on: indoor temp. 27° CDB, 19° CWB; outdoor temp. 35° CDB; piping length 7.5 m. 2. Sound levels are based on temperature conditions 1. These are anechoic conversion values. These values are normally somewhat higher during actual operation as a result of ambient conditions.

WALL MOUNTED TYPE (COOLING ONLY) FTKD50/60/71F

Model Name	Indoor unit		FTKD50FVM	FTKD60FVM	FTKD71FVM
	Outdoor unit		RKD50BVM	RKD60BVM	RKD71BVM
Capacity	Rated (Min.-Max.)	kW	5.2 (1.5-5.9)	6.2 (1.5-6.5)	7.1 (2.1-7.6)
		Btu/h	17,700 (5,100-20,100)	21,200 (5,100-22,200)	24,200 (7,200-25,900)
Power supply		1 phase, 220-240 V/220-230 V, 50/60 Hz			
Running current	Rated	A	7.0	9.2	11.2
Power consumption	Rated (Min.-Max.)	W	1,600 (450-2,300)	2,100 (450-2,700)	2,550 (530-3,210)
COP	Rated	W/W	3.25	2.95	2.78
Indoor unit		FTKD50FVM		FTKD60FVM	FTKD71FVM
Front panel colour		White			
Airflow rate (H)	m ³ /min (cfm)	16.8 (593)		17.5 (618)	18.3 (646)
Fan speed		5 stes, quiet and automatic			
Sound levels (H/L/SL)	dB (A)	44/35/32		45/36/33	46/37/34
Dimensions (H x W x D)		290 x 1,050 x 238			
Machine weight		12			
Outdoor unit		RKD50BVM		RKD60BVM	RKD71BVM
Casing colour		Ivory white			
Compressor	Type		Hermetically sealed swing type		
	Motor output	W	1,500		
Refrigerant charge (R-22)		1.25		1.60	1.80
Sound levels (H/L)	dB (A)	47/44		49/46	52/49
Dimensions (H x W x D)		735 x 825 x 300			
Machine weight		48		52	54
Operation range		*CDB			
Piping connections	Liquid	ø6.4			
	Gas	ø12.7		ø15.9	
	Drain	ø18.0			
Max. piping length		30			
Max. height difference		20			

Measurement conditions

1. Cooling capacity is based on: indoor temp. 27° CDB, 19° CWB; outdoor temp. 35° CDB; piping length 7.5 m. 2. Sound levels are based on the temperature condition 1. above. These are anechoic conversion values. These values are normally somewhat higher during actual operation as a result of ambient conditions.

Specifications

WALL MOUNTED TYPE (G SERIES) FT25/35/50/60G

Model name	Indoor unit		FT25G	FT35G	FT50G	FT60G
	Outdoor unit		R25G	R35G	R50G	R60G
Capacity	kW		2.62	3.70	5.3	6.6
	Btu/h		8,900	12,700	18,090	22,530
Power supply	1 phase, 230 V, 50 Hz					
Running current	A		3.5	4.9	6.9	9.1
Power consumption	W		775	1,095	1,570	2,030
COP	W/W		3.38	3.38	3.38	3.25
Indoor unit			FT25G	FT35G	FT50G	FT60G
Front panel colour	White					
Airflow rate (H)	m ³ /min		9.6	9.9	18.0	18.5
	cfm		339	350	635	653
Fan speed	5 steps and automatic					
Sound levels (H/L)	dB (A)		36/28	39/31	45/35	48/38
Dimensions (H x W x D)	mm		283 x 800 x 195		290 x 1,050 x 238	
Machine weight	kg		9		12	
Outdoor unit			R25G	R35G	R50G	R60G
Casing colour	Ivory white					
Compressor	Type	Hermetically sealed rotary type				
	Motor output	W	700	1,000	1,530	1,985
Refrigerant charge (R-22)	kg		0.82	1.22	1.85	2.0
Sound levels	dB (A)		47	48	54	
Dimensions (H x W x D)	mm		550 x 765 x 285		735 x 825 x 300	
Machine weight	kg		31	37	48	62
Operation range	°CDB		19.4 to 46			
Piping connections	Liquid	mm	ø6.4			
	Gas		ø9.5	ø12.7	ø15.9	
	Drain		ø18.0			
Max. piping length	m		25		30	
Max. height difference	m		15			

Measurement conditions

1. Cooling capacity is based on: indoor temp. 27° CDB, 19° CWB; outdoor temp. 35° CDB; piping length 7.5 m. 2. Sound levels are based on the temperature conditions in 1. above. These are anechoic conversion values. These values are normally somewhat higher during actual operation as a result of ambient conditions.

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WALL MOUNTED TYPE (E SERIES) FTE25/35/50/60

Model name	Indoor unit		FTE25	FTE35	FTE50	FTE60
	Outdoor unit		RE25	RE35	RE50	RE60
Capacity	kW		2.45	3.35	5.2	6.4
	Btu/h		8,360	11,450	17,750	21,800
Power supply	1 phase, 220-230-240 V, 50Hz					
Running current	A		4.1	5.6	7.9	11.5
Power consumption	W		910	1,270	1,820	2,580
COP	W/W		2.69	2.64	2.86	2.48
Indoor unit			FTE25	FTE35	FTE50	FTE60
Front grille colour	White					
Airflow rate (H)	m ³ /min		8.8	9.9	16.2	17.5
	cfm		311	350	572	618
Fan speed	5 steps and automatic					
Sound levels (H/L)	dB (A)		36/28	39/31	45/35	47/36
Dimensions (H x W x D)	mm		283 x 800 x 195		290 x 1,050 x 238	
Machine weight	kg		9		12	
Outdoor unit			RE25	RE35	RE50	RE60
Casing colour	Ivory white					
Compressor	Type	Hermetically sealed rotary type				
	Motor output	W	700	1,100	1,500	2,200
Refrigerant charge (R-22)	kg		0.76	0.95	1.35	1.70
Sound levels	dB (A)		46	48	54	
Dimensions (H x W x D)	mm		560 x 695 x 265		685 x 800 x 300	
Machine weight	kg		27	33	49	61
Operation range	°CDB		19.4 to 46			
Piping connections	Liquid	mm	6.4			
	Gas		ø9.5	ø12.7	ø15.9	
	Drain		18.0			
Max. piping length	m		20		20	
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 for R25/35 and 7.5 m for RE50/60. 2. Sound levels are based on temperature condition in 1. above. These are anechoic conversion values. These values are normally somewhat higher during actual operation as a result of ambient conditions.

FLOOR / CEILING SUSPENDED DUAL TYPE FL35~50

Model name	Indoor unit		FL35	FL50	
	Outdoor unit		R35	R50	
Cooling capacity	kW		3.50	5.00	
	Btu/h		12,000	17,000	
Power supply	1 phase, 220V/240V, 50Hz				
Power current	A		5.27/5.36	9.90/10.80	
Power consumption	W		1,125/1,195	1,940/2,125	
COP	W/W		3.11/2.93	2.58/2.35	
Indoor unit			FL35	FL50	
Front grille colour	Almond white				
Airflow rate (H)	m ³ /min		12.20	11.40	
	cfm		431	402	
Fan speed	5 steps and automatic				
Sound level (H/L) 220 V/240 V	dB (A)		46/34		
Dimensions (H x W x D)	mm		490 x 1,050 x 200		
Machine weight	kg		17		
Outdoor unit			R35	R50	
Casing colour	Ivory white				
Compressor	Type	Hermetically sealed rotary type			
	Motor output	W	1,100		
Refrigerant charge (R-22)	kg		1.10		
Sound level (H) 220 V/240 V	dB (A)		48/49	49/50	
Dimensions (H x W x D)	mm		540 x 750 x 270		
Machine weight	kg		37	42	
Operation range	°CDB		10-46		
Piping connection	Liquid	mm	ø6.4		
	Gas		ø12.7	ø15.9	
	Drain		ø18.0		
Max. piping length	m		25		
Max. height difference	m		15		

Notes: Specifications are based on the following conditions

1. Cooling: Indoor temp. of 27° CDB, 19.0° CWB, and outdoor temp. of 35.0° CDB, 24.0° CWB 50Hz 2. Heating: Indoor temp. of 20° CDB, and outdoor temp. of 7° CDB, 6° CWB 50Hz.

WALL MOUNTED TYPE (HEAT PUMP) FTY35/50/60

Model name	Indoor unit		FTY35	FTY50	FTY60
	Outdoor unit		RY35	RY50	RY60
Capacity	Cooling	kW	3.75	5.20	6.15
		Btu/h	12,800	17,750	21,000
	Heating	kW	4.22	5.80	7.00
Btu/h		14,400	19,800	23,900	
Power supply	1 phase, 220-240 V, 50 Hz				
Running current	Cooling	A	6.8	9.7	11.2
	Heating	A	6.4	8.8	11.0
Power consumption	Cooling	W	1,390	1,900	2,300
	Heating	W	1,300	1,700	2,260
COP	Cooling	W/W	2.70	2.74	2.67
	Heating	W/W	3.25	3.41	3.10
Indoor unit			FTY35	FTY50	FTY60
Front grille colour	Almond white				
Airflow rate (H)	Cooling	m ³ /min	9.5	14.0	
		cfm	335	494	
	Heating	m ³ /min	10.6	16.3	
		cfm	374	575	
Fan speed	5 steps and automatic				
Sound level (H/L)	Cooling	dB (A)	39/32	45/35	46/37
	Heating	dB (A)	39/32	44/33	46/34
Dimensions (H x W x D)	mm		298 x 790 x 189	298 x 1,050 x 190	
Machine weight	kg		9	12	
Outdoor unit			RY35	RY50	RY60
Casing colour	Ivory white				
Compressor	Type	Hermetically sealed rotary type			
	Motor output	W	1,120	1,550	1,750
Refrigerant charge (R-22)	kg		1.12	1.55	1.75
Sound level	Cooling	dB (A)	47	49	54
	Heating	dB (A)	48	51	54
Dimensions (H x W x D)	mm		540 x 750 x 270	685 x 800 x 300	685 x 880 x 350
Machine weight	kg		41	51	75
Operation range	Cooling	°CDB	19.4 to 46		
	Heating	°CWB	-10 to 15		
Piping connections	Liquid	mm	ø6.4		
	Gas		ø12.7	ø15.9	
	Drain		ø18.0		
Max. piping length	m		20		30
Max. height difference	m		15		

Notes: 1. Cooling capacity is based on: indoor temp. 27° CDB, 19° CWB; outdoor temp. 35° CDB; Heating capacity is based on: indoor temp. 20° CDB, outdoor temp. 7° CDB, 6° CWB 2. Sound levels are based on temperature conditions in note 1 above. These are anechoic conversion values. The indoor unit value is measured at a point 1 m in front of the unit and 0.8 m downwards. The outdoor unit value is measured at a point 1 m in front of the unit. They are normally somewhat higher during actual operation as a result of ambient conditions 3. Figures may change without notice 4. The above values are based on 220 V.

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