



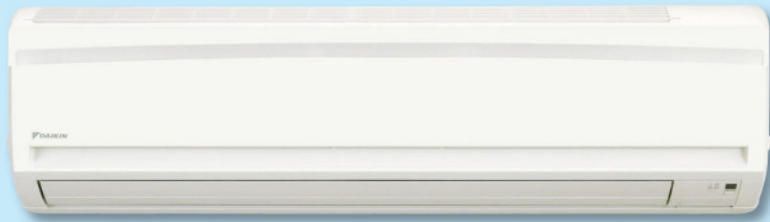
- Daikin products are manufactured for export to numerous countries throughout the world. Prior to purchase, please confirm with your local authorised importer, distributor and/or retailer whether this product conforms to the applicable standards, and is suitable for use, in the region where the product will be used. This statement does not purport to exclude, restrict or modify the application of any local legislation.
- Ask a qualified installer or contractor to install this product. Do not try to install the product yourself. Improper installation can result in water or refrigerant leakage, electrical shock, fire or explosion.
- 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

K series

Cooling Only [50 Hz] **R-22**



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

Organization:
DAIKIN INDUSTRIES, LTD.
AIR CONDITIONING MANUFACTURING DIVISION

Scope of Registration:
THE DESIGN/DEVELOPMENT AND MANUFACTURE OF COMMERCIAL AIR CONDITIONING, HEATING, COOLING, REFRIGERATING EQUIPMENT, HEATING EQUIPMENT, RESIDENTIAL AIR CONDITIONING EQUIPMENT, HEAT RECLAIM VENTILATION, AIR CLEANING EQUIPMENT, COMPRESSORS AND VALVES.



JQA-1452

Organization:
DAIKIN INDUSTRIES (THAILAND) LTD.

Scope of Registration:
THE DESIGN/DEVELOPMENT AND MANUFACTURE OF AIR CONDITIONERS AND THE COMPONENTS INCLUDING COMPRESSORS USED FOR THEM



EC99J2044

All of the Daikin Group's business facilities and subsidiaries in Japan are certified under the ISO 14001 international standard for environment management.

Dealer

DAIKIN INDUSTRIES, LTD.

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http://www.daikin.com/global_ac/

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Total Wall to Wall Comfort

Creating a pleasant living environment is extremely important. Daikin air conditioners help to make life more comfortable with their low sound levels and simple, stylish designs that blend harmoniously with any interior decor. Now is the time to enjoy greater comfort with Daikin technology.



FTE25/35K



FTE50/60K



Energy Savings

The 2.5 kW model provides high energy efficiency with COP of 3.28.

Sophisticated Appearance with Flat Panel

The stylish flat panel design creates a simplicity and sophistication that harmonises with any interior decor.

Quiet Operation

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

Cleanliness

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



A Refreshingly Simple Design

The stylish flat panel design creates a simplicity and sophistication that enhances any interior space. All models from 2.5 to 6.0 kW feature the same sleek flat panel design, providing a smooth, unified finish in every room in a home.



New Model



FTE25/35K



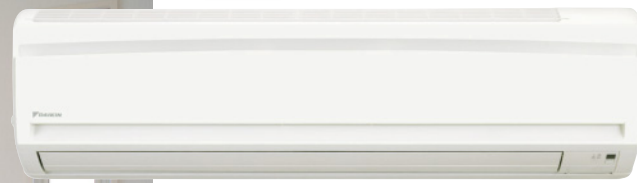
RE25/35K

Model	FTE25KV1 / RE25KV1	
Cooling Capacity	kW	2.60
	Btu/h	8,900

Model	FTE35KV1 / RE35KV1	
Cooling Capacity	kW	3.35
	Btu/h	11,450



New Model



FTE50/60K



RE50K

RE60K

Model	FTE50KV1 / RE50KV1	
Cooling Capacity	kW	5.20
	Btu/h	17,750

Model	FTE60KV1 / RE60KV1	
Cooling Capacity	kW	6.40
	Btu/h	21,800

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.

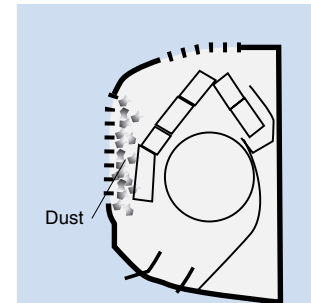


Wipe-Clean Flat Panel

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



Front grille design units collect dust on their air inlet grilles unless these grilles are cleaned regularly.

1. Difficult to remove dust on the grille through wiping alone

2. Reduced capacity due to increased suction resistance

3. High sound levels due to increased suction resistance

Function List

Indoor unit

Functions	Models	FTE25/35K	FTE50/60K
Comfortable Airflow	Power-Airflow Dual Flaps	<input type="checkbox"/>	<input type="checkbox"/>
	Wide-Angle Louvres	<input type="checkbox"/>	<input type="checkbox"/>
	Vertical Auto-Swing (up and down)	<input type="checkbox"/>	<input type="checkbox"/>
Comfort Control	Programme Dry Function	<input type="checkbox"/>	<input type="checkbox"/>
	Auto Fan Speed	<input type="checkbox"/>	<input type="checkbox"/>
Lifestyle Convenience	New Powerful Operation	<input type="checkbox"/>	<input type="checkbox"/>
	Indoor Unit On/Off Switch	<input type="checkbox"/>	<input type="checkbox"/>
Cleanliness	Titanium Apatite Photocatalytic Air-Purifying Filter	<input type="checkbox"/>	<input type="checkbox"/>
	Wipe-Clean Flat Panel	<input type="checkbox"/>	<input type="checkbox"/>
Timers	24-Hour On/Off Timer	<input type="checkbox"/>	<input type="checkbox"/>
	Night Set Mode	<input type="checkbox"/>	<input type="checkbox"/>
Worry Free	Auto-Restart after Power Failure	<input type="checkbox"/>	<input type="checkbox"/>
	Self-Diagnosis with Digital Display	<input type="checkbox"/>	<input type="checkbox"/>

Outdoor unit

Functions	Models	RE25/35K	RE50/60K
Worry Free	Self-Diagnosis with Digital Display	<input type="checkbox"/>	<input type="checkbox"/>
	Anticorrosion Treatment of Outdoor Heat Exchanger Fins	<input type="checkbox"/>	<input type="checkbox"/>

Energy Savings and Clean Air with Less Dust and Odours

High Energy Savings

The 2.5 kW model provides high COP of 3.28. This model is appropriate for rooms, which are air-conditioned for long periods.

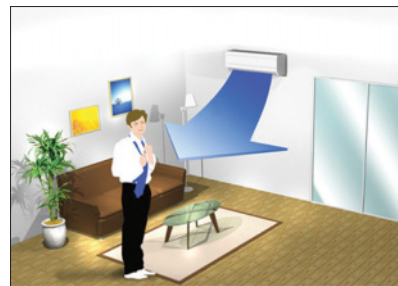
	FTE25K	FTE35K	FTE50K	FTE60K
COP	3.28	3.13	3.13	3.13

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.

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

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, for example, now when you come home on a hot day, a powerful airflow will always be right at your fingertips. New powerful operation is available for FTE50/60K.



Auto Fan Speed

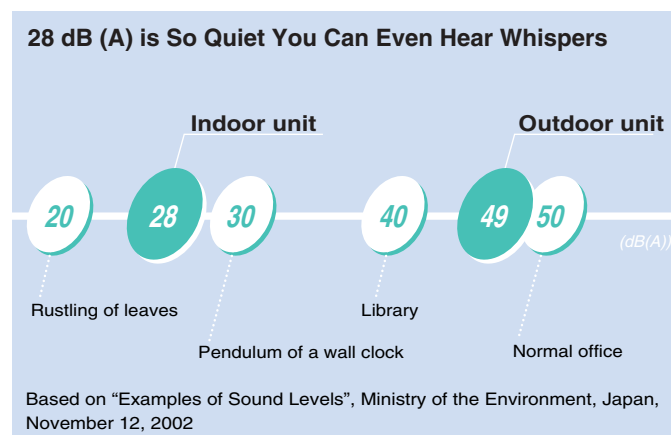
The microprocessor automatically controls fan speed to adjust the room temperature to the set temperature.

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 neighbourhood. The 2.5 kW model offers a low sound level of 28 dB (A) for indoor unit operation and 49 dB (A) for outdoor unit operation.

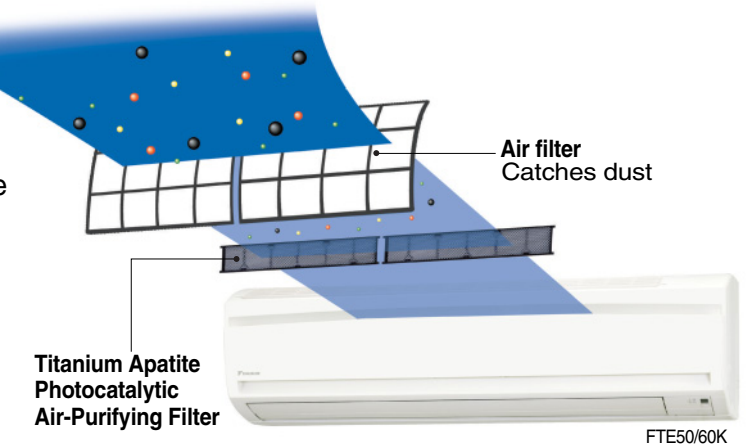
	Unit: dB (A)			
Indoor units	FTE25K	FTE35K	FTE50K	FTE60K
Sound levels (L)	28	33	35	36
Outdoor units	RE25K	RE35K	RE50K	RE60K
Sound levels	49	50	53	55

Based on 220 V power supply



Titanium Apatite Photocatalytic Air-Purifying Filter

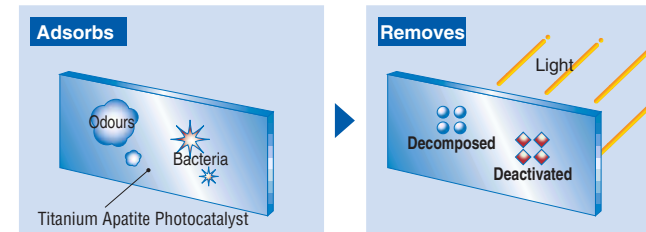
Titanium apatite is a new photocatalytic material with advanced adsorption power. While the filter's micron-level fibres trap dust, this photocatalyst effectively adsorbs and decomposes bacteria. The photocatalyst is activated simply by exposure to light. The filter delivers consistent performance for approximately 3 years if washing with water is performed once in 6 months.



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

This filter is not a medical device. Benefits such as the adsorption and decomposition of bacteria are only effective for substances that are collected on and in direct contact with the Titanium Apatite Photocatalytic Air-Purifying Filter.

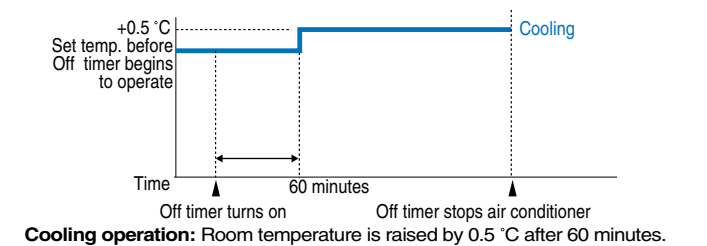
Effect of Titanium Apatite Photocatalyst



Apatite adsorbs bacteria. At the same time, the photocatalyst oxidises odour components, breaking them down.

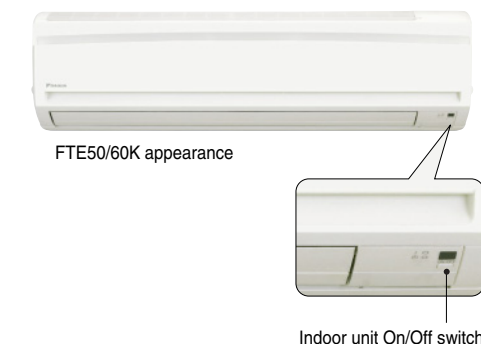
Night Set Mode

Pressing the Off timer button automatically selects Night Set Mode. This function prevents excessive cooling for your pleasant sleep. Room temperature is raised by 0.5 °C after 60 minutes for cooling operation.



Indoor Unit On/Off Switch

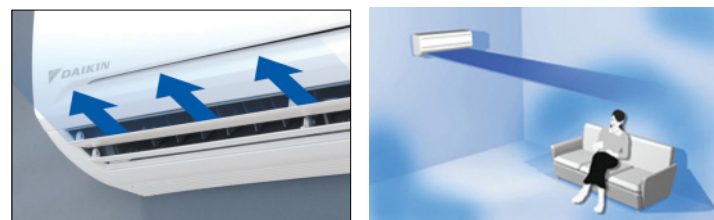
The unit can be conveniently started manually in the event the wireless remote controller is misplaced or the wireless remote controller batteries are not charged.



Wide Range of Airflow Functions

Power-Airflow Dual Flaps

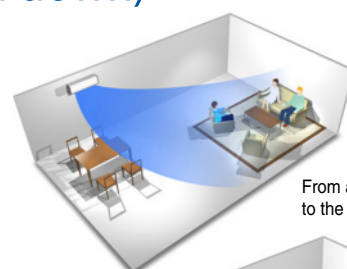
Power-Airflow Dual Flaps can flatten out during cooling operation to deliver cool air to the corners of a room.



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

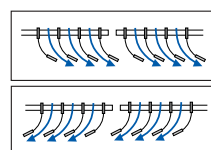
Vertical Auto-Swing (up and down)

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

WIDE ANGLE



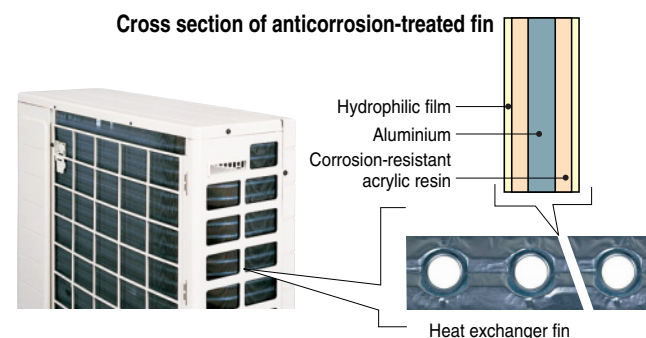
Covers even a spacious room

Wide-Angle Louvres

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

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

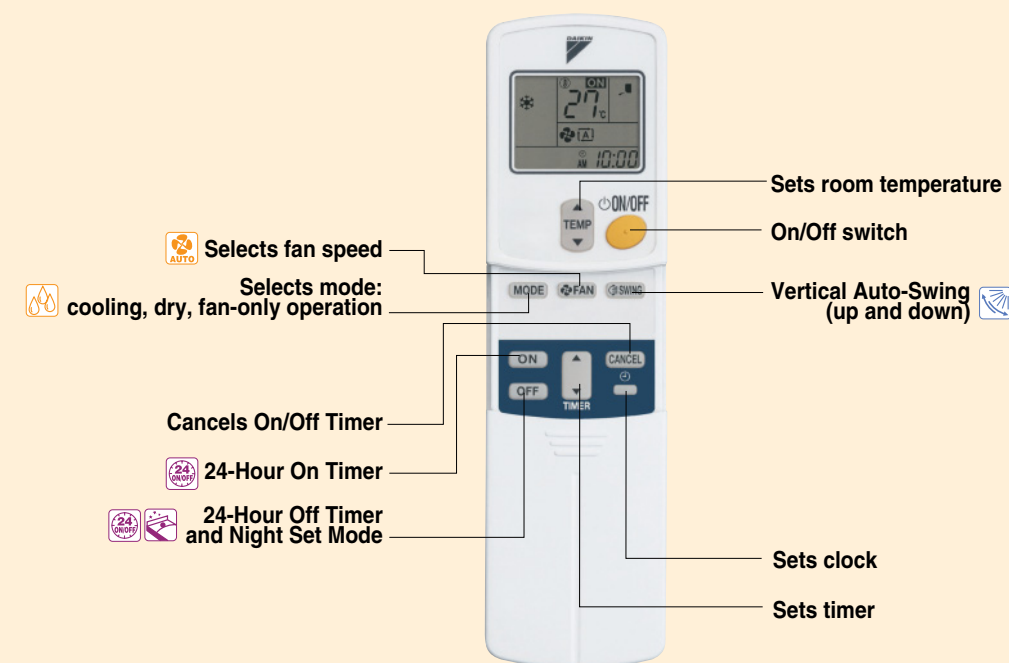
Malfunction codes are shown on the digital display panel of the wireless remote controller for fast and easy maintenance.

Long Piping Length for Flexible Unit Placement

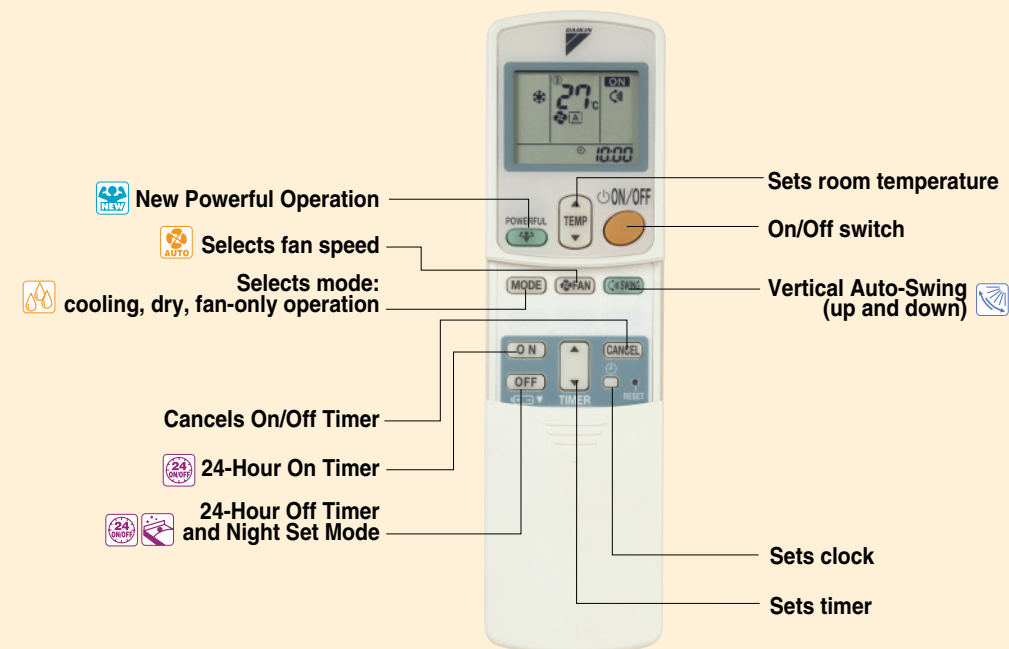
The K series supports a piping length of up to 20 metres to give flexibility during unit installation. This allows the outdoor unit to be placed on a balcony or where it can not be seen. Indoor units can also be installed where they do not compromise the decor of a room.

	Max. piping length	Max. height difference
FTE25K / RE25K	20 m	15 m
FTE35K / RE35K		
FTE50K / RE50K		
FTE60K / RE60K		

Wireless remote controller for FTE25/35K



Wireless remote controller for FTE50/60K



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 7



Wide-Angle Louvres

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

► See page 7



Vertical Auto-Swing (up and down)

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

► See page 7

Lifestyle Convenience



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.

► See page 5



Indoor Unit On/Off Switch

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.

► See page 6

Cleanliness



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. The filter can be used for up to 3 years with proper maintenance.

► See page 6



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 4

Comfort Control



Programme Dry Function

This function automatically reduces the level of humidity.



Auto Fan Speed

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

► See page 5

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 Night Set Mode. This function prevents excessive cooling for your pleasant sleep. Room temperature is raised by 0.5 °C after 60 minutes for cooling operation.

► See page 6

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 7



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 7

Specifications

FTE-K series

Model name	Indoor unit		FTE25KV1	FTE35KV1	FTE50KV1	FTE60KV1	
	Outdoor unit		RE25KV1	RE35KV1	RE50KV1	RE60KV1	
Capacity	kW		2.60	3.35	5.20	6.40	
	Btu/h		8,900	11,450	17,750	21,800	
Power supply	1 phase, 220-240 V, 50 Hz						
Running current	A		3.5	5.0	8.0	9.3	
Power consumption	W		792	1,070	1,661	2,044	
COP	W/W		3.28	3.13	3.13	3.13	
Indoor unit		FTE25KV1	FTE35KV1	FTE50KV1	FTE60KV1		
Front panel colour	White						
Airflow rate (H)	m ³ /min (cfm)		9.6 (339)	9.9 (350)	18.5 (653)		
Fan speed	5 steps and automatic						
Sound levels (H/L)	dB (A)		37/28	39/33	48/35	48/36	
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		RE25KV1	RE35KV1	RE50KV1	RE60KV1		
Casing colour	Ivory white						
Compressor	Type	Hermetically sealed rotary type					
	Motor output	W	700	1,000	1,300	1,600	
Refrigerant charge (R-22)	kg		0.60	1.00	0.90	1.56	
Sound levels	dB (A)		49	50	53	55	
Dimensions (H x W x D)	mm		550 x 658 x 275		595 x 845 x 300	735 x 825 x 300	
Machine weight	kg		27	30	36	53	
Operation range	°CDB		19.4 to 46				
Piping connections	Liquid		ø 6.4				
	Gas	mm	ø 9.5	ø 12.7	ø 15.9		
	Drain		ø 18.0				
Max. piping length	m		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 5m.
 2. Sound levels are based on the temperature condition 1. above. These are anechoic values. These values are normally somewhat higher during actual operation as a result of ambient conditions.

Options

Indoor unit

No.	Item	FTE25/35K	FTE50/60K
1	5-room centralised controller	KRC72	
2	Wiring adaptor for time clock/remote controller (Normal open pulse contact/normal open contact)	KRP413AB1S	
3	Titanium apatite photocatalytic air-purifying filter	KAF970A46	KAF952A42
4	Remote controller loss prevention with chain	KKF917A4	

Note: *1. A wiring adaptor (KRP413AB1S) 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



Remote controller loss prevention with chain
KKF917A4

Outdoor unit

No.	Item	RE25/35/50/60K
1	Air direction adjustment grille	KPW937A4
2	Drain plug	KKP937A4

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



Air direction adjustment grille
KPW937A4



Drain plug
KKP937A4