



- Warning**
- 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.

**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.

# Split Type Air Conditioners

FT-J, FTE-L & FTE-M series

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



Đại lý phân phối

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# Fits Your Lifestyle

Daikin offers you an even wider lineup with the addition of the new FTE-M series. With the FT-J and FTE-L series, you now have a choice of 10 models ranging from 2.0 to 6.0 kW. Choose the best fit for your lifestyle.

All Daikin air conditioners make life more comfortable with their low sound pressure levels and simple, stylish designs. So many possibilities! Relax and enjoy life with Daikin technology.

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**FT-J**  
series



FT25/35J

**FTE-L**  
series



FTE25/35L

**FTE-M**  
series



FTE20/25M

**NEW** for the 2.0 kW model

**NEW** for the 2.0/2.5 kW models



Note: **NEW** indicates a new capacity model. **NEW** indicates a new design model.





# Lineup

## FT-J series



FT25/35J



R25J R35J

Model	<b>FT25JV1V / R25JV1V</b>	
Cooling Capacity	kW	2.60
	Btu/h	8,900

Model	<b>FT35JV1V / R35JV1V</b>	
Cooling Capacity	kW	3.70
	Btu/h	12,700

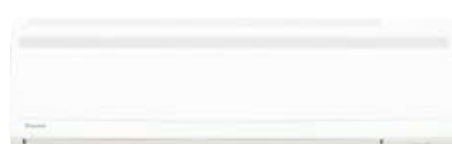


FT50J



R50J

Model	<b>FT50JV1V / R50JV1V</b>	
Cooling Capacity	kW	5.20
	Btu/h	17,750



FT60J



R60J

Model	<b>FT60JV1V / R60JV1V</b>	
Cooling Capacity	kW	6.60
	Btu/h	22,530

## FTE-L series



FTE25/35L



RE25/35L

Model	<b>FTE25LV1V / RE25LV1V</b>	
Cooling Capacity	kW	2.60
	Btu/h	8,900

Model	<b>FTE35LV1V / RE35LV1V</b>	
Cooling Capacity	kW	3.35
	Btu/h	11,450



FTE50/60L



RE50L

RE60L

Model	<b>FTE50LV1V / RE50LV1V</b>	
Cooling Capacity	kW	5.20
	Btu/h	17,750

Model	<b>FTE60LV1V / RE60LV1V</b>	
Cooling Capacity	kW	6.40
	Btu/h	21,800

## FTE-M series



FTE20/25M



RE20/25M

<b>NEW</b>	Model	<b>FTE20MV1V / RE20MV1V</b>	
<b>NEW</b>	Cooling Capacity	kW	2.09
		Btu/h	7,000

<b>NEW</b>	Model	<b>FTE25MV1V / RE25MV1V</b>	
	Cooling Capacity	kW	2.40
		Btu/h	9,000

Note: **NEW** indicates a new capacity model. **NEW** indicates a new design model.

# Energy Savings and Quietness

## Energy Savings

The FT-J series delivers impressive COPs of 3.45 to 3.52 and carries a full 5 star comparative energy label. The FTE-L series also provides excellent COPs of 3.08 to 3.18 and has a 3 star label while the FTE-M series has high COPs of 2.87 to 2.95 and 2 star label.

Comparative energy labels evaluate the performance of equipment according to five levels of energy yield. A 5 star label indicates the highest level of performance. These labels help consumers choose devices which offer more economical energy consumption.

FT-J	FT25J	FT35J	FT50J	FT60J
<b>COP</b>	<b>3.52</b>	<b>3.52</b>	<b>3.50</b>	<b>3.45</b>

FTE-L	FTE25L	FTE35L	FTE50L	FTE60L
<b>COP</b>	<b>3.18</b>	<b>3.13</b>	<b>3.08</b>	<b>3.08</b>

FTE-M	FTE20M	FTE25M
<b>COP</b>	<b>2.95</b>	<b>2.87</b>

**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.

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

## Comparative Energy Labels



## 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

1. Difficult to remove dust on the grille through wiping alone
2. Reduced capacity due to increased suction resistance
3. High sound pressure levels due to increased suction resistance

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

## Quiet Sound Pressure Levels

The FT25J and FTE25L offer a low sound pressure level of 28 dB (A) for indoor unit operation and 49 dB (A) for outdoor unit operation.

**FT-J** Unit: dB (A)

Indoor units	FT25J	FT35J	FT50J	FT60J
Sound pressure levels (L)	28	31	35	38

Outdoor units	R25J	R35J	R50J	R60J
Sound pressure levels	49	49	50	54

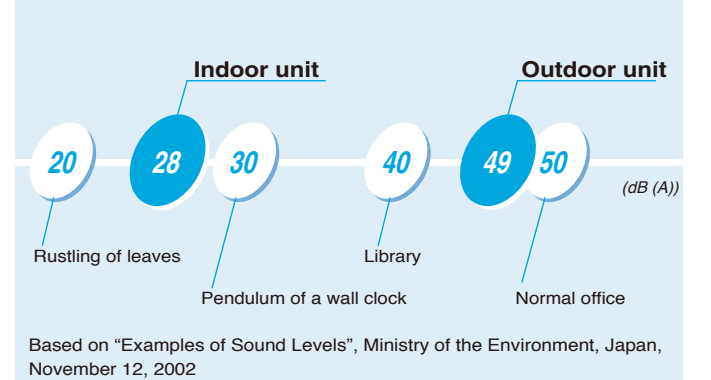
**FTE-L** Unit: dB (A)

Indoor units	FTE25L	FTE35L	FTE50L	FTE60L
Sound pressure levels (L)	28	33	35	36

Outdoor units	RE25L	RE35L	RE50L	RE60L
Sound pressure levels	49	50	53	55

## 28 dB (A) Is So Quiet You Can Even Hear Whispers



**FTE-M** Unit: dB (A)

Indoor units	FTE20M	FTE25M
Sound pressure levels (L)	28	28

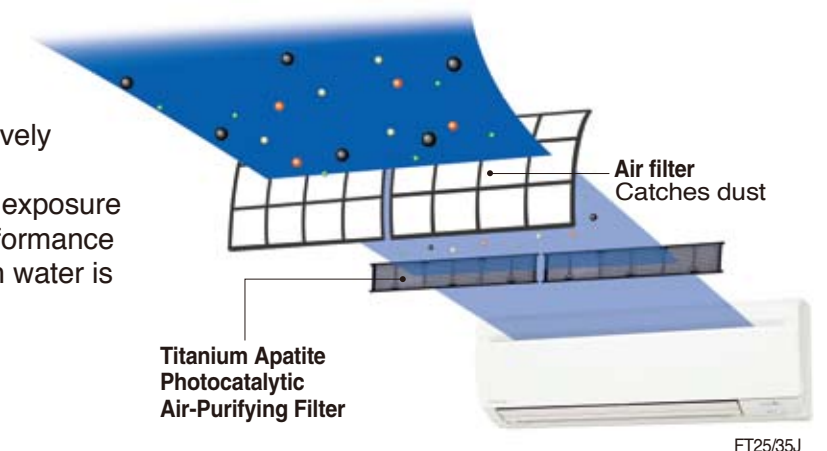
  

Outdoor units	RE20M	RE25M
Sound pressure levels	50	50



## Titanium Apatite Photocatalytic Air-Purifying Filter

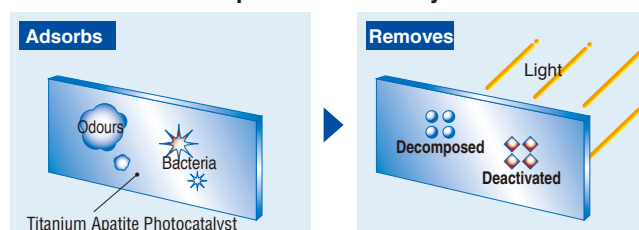
Titanium apatite is a new photocatalytic material with advanced adsorption power. While the filter's micron-level fibres trap dust, this photocatalyst effectively adsorbs and decomposes bacteria. The photocatalyst is activated simply by exposure to light. The filter delivers consistent performance for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



# Comfortable Airflow and Reliability



## Power-Airflow Dual Flaps



## Wide-Angle Louvers

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



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

### Wide-Angle Louvers

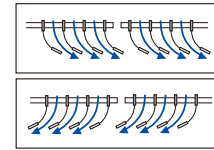


From a corner to the centre



Covers even a spacious room

### WIDE ANGLE



## Vertical Auto-Swing (up and down)



## Horizontal Auto-Swing (left and right)



## 3-D Airflow

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 of even large spaces.

Horizontal Auto-Swing and 3-D Airflow are available for FT50/60J.



## New Powerful Operation

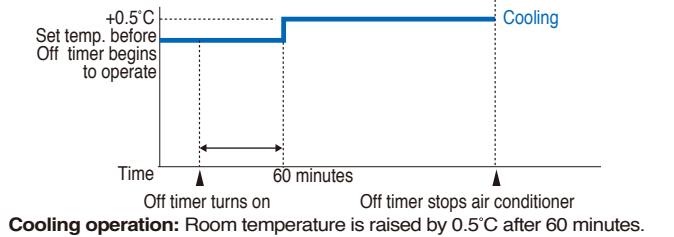
New Powerful Operation boosts airflow to maximum volume for a 20-minute period. After this, the unit automatically returns to its previous settings. This function is activated by pushing the POWERFUL button on the remote controller. So, for example, now when you come home on a hot day, a powerful airflow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

New Powerful Operation is not available for FTE25/35L and FTE20/25M.



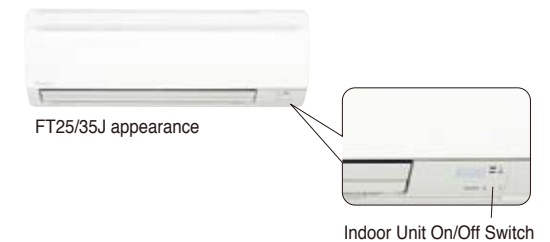
## Night Set Mode

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



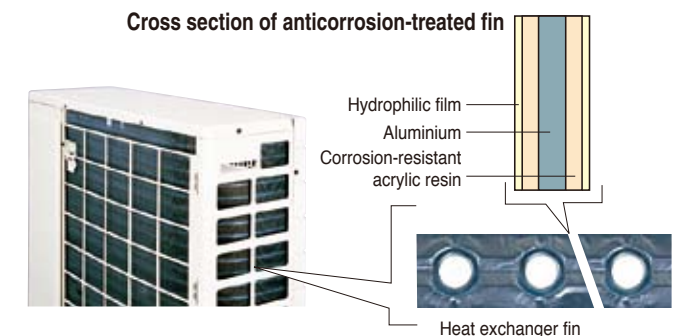
## Indoor Unit On/Off Switch

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.



## 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.



## 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

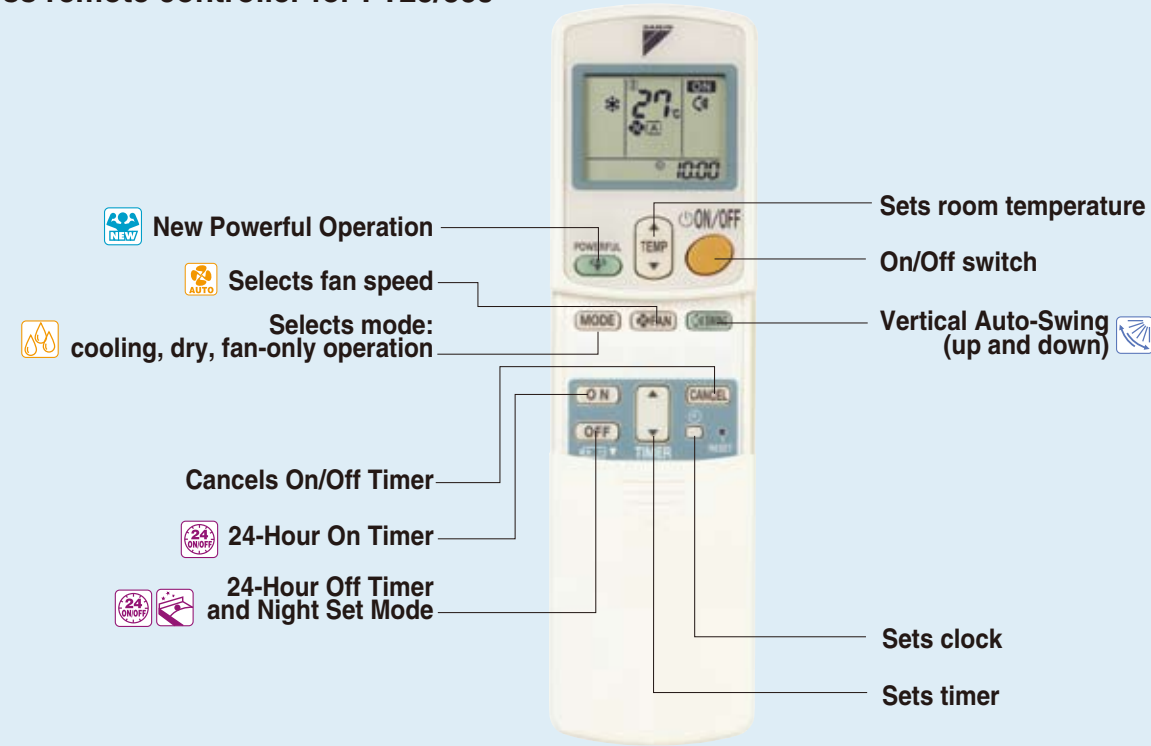
The FT-J series supports a long piping length to give flexibility during unit installation. This allows the outdoor unit to be placed on a balcony or where it can not be seen. Indoor units can also be installed where they do not compromise the decor of a room.

	Max. piping length	Max. height difference
FT25/35J	25 m	15 m
FT50/60J	30 m	15 m

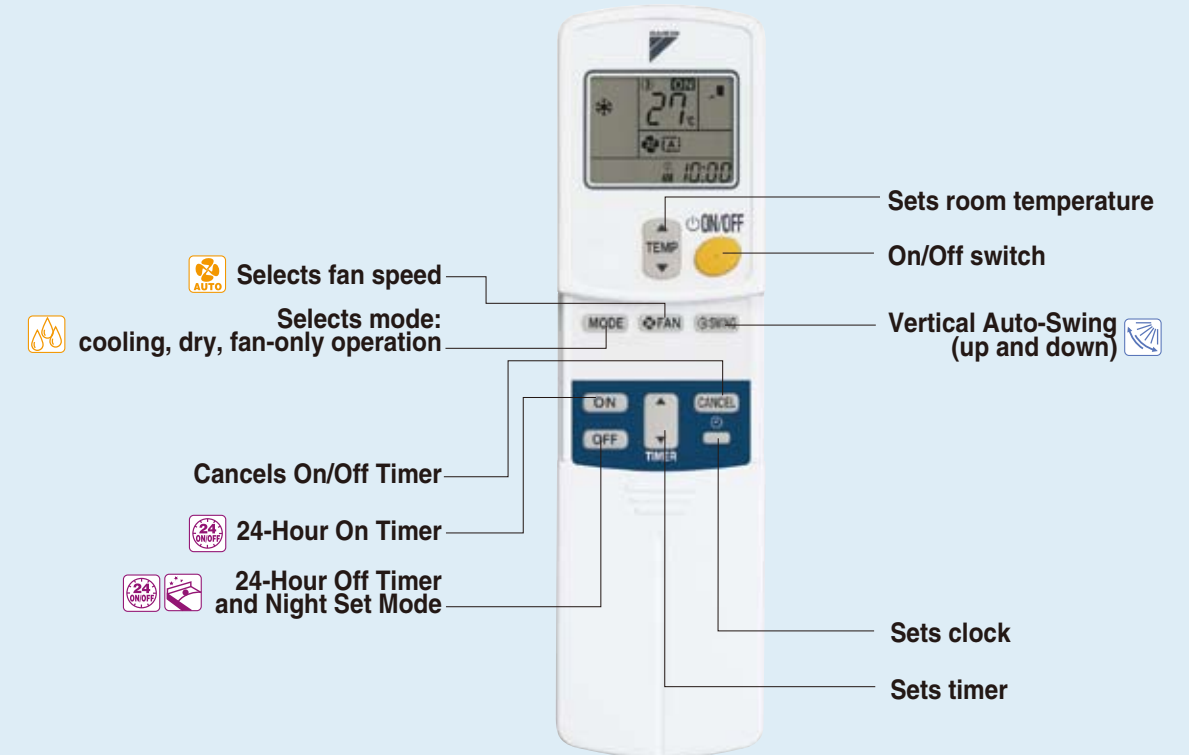


Piping connections for the outdoor unit are covered to make them less conspicuous.

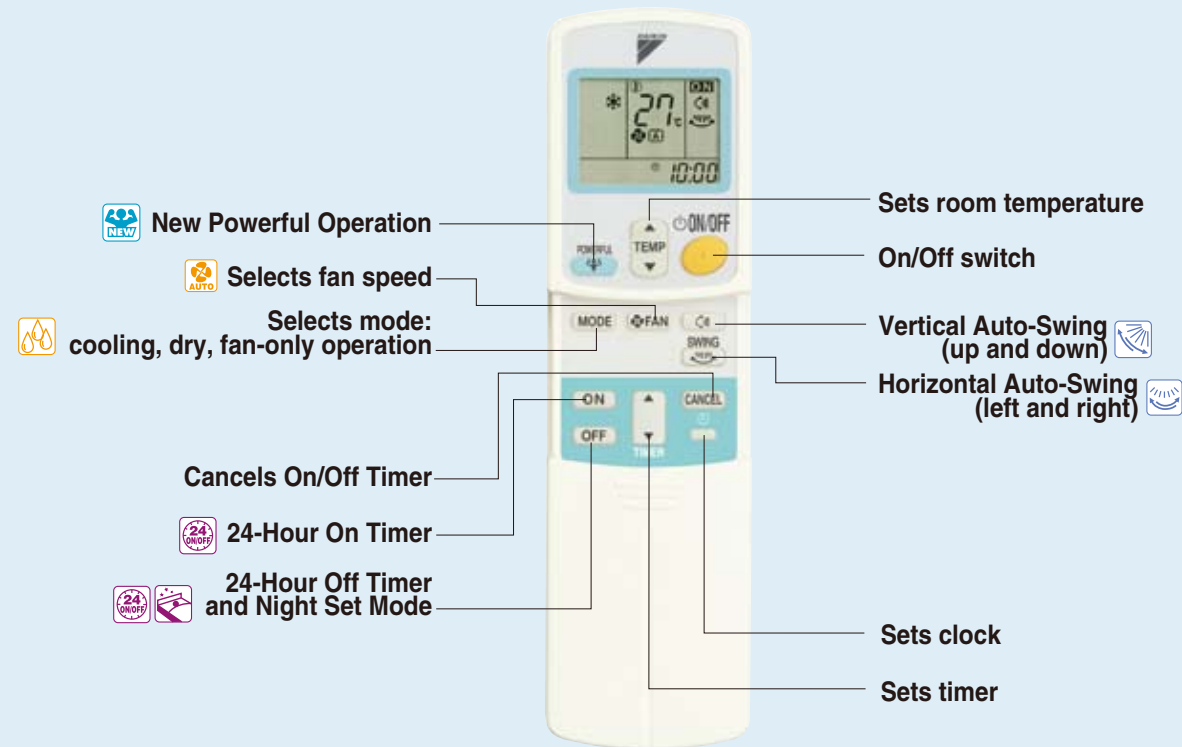
Wireless remote controller for FT25/35J



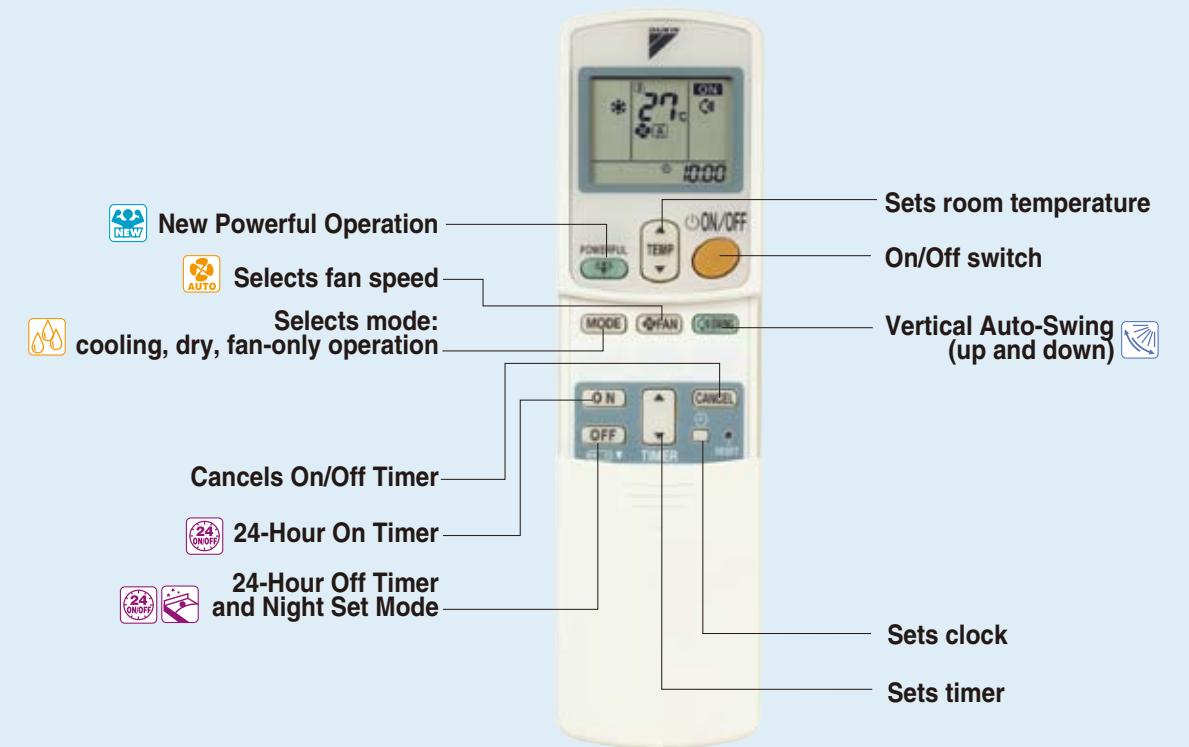
Wireless remote controller for FTE25/35L and FTE20/25M



Wireless remote controller for FT50/60J



Wireless remote controller for FTE50/60L



**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 Louvers**  
The smoothly curved Wide-Angle Louvers provide wide airflow coverage for effective cooling operation.  
▶ 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

**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.  
▶ See page 7

**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.  
▶ 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 7

**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 8

**Comfort Control**

**Programme Dry Function**  
The computer chip works to rid the room of humidity while maintaining the most consistent temperature possible. It automatically controls the temperature and airflow rate.

**Auto Fan Speed**  
The microprocessor automatically controls fan speed to adjust the room temperature to the set temperature.

**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

**Air-Purifying Filter with Photocatalytic Deodorising Function**  
This filter is made of titanium oxide. It adsorbs and decomposes bacteria. The filter can be used for up to 3 years with proper maintenance.

**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

**Timers**

**24-Hour On/Off Timer**  
This timer can start or stop the air conditioner within a 24-hour period. It can be preset in 10-minute steps by pressing the On/Off timer button on the wireless remote controller. The On timer and Off timer can be used in combination.

**Night Set Mode**  
Pressing the Off timer button automatically selects Night Set Mode. This function prevents excessive cooling for a pleasant sleep. Room temperature is raised by 0.5°C after 60 minutes for cooling operation.  
▶ See page 8

**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 8

**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 8

Indoor unit

Functions	Models	FT-J series			FTE-L series		FTE-M series
		FT25/35J	FT50J	FT60J	FTE25/35L	FTE50/60L	FTE20/25M
<b>Comfortable Airflow</b>	Power-Airflow Dual Flaps	●	●	●	●	●	●
	Wide-Angle Louvers	●	●	●	●	●	●
	Vertical Auto-Swing (up and down)	●	●	●	●	●	●
	Horizontal Auto-Swing (left and right)	●	●	●	●	●	●
	3-D Airflow	●	●	●	●	●	●
<b>Comfort Control</b>	Programme Dry Function	●	●	●	●	●	●
	Auto Fan Speed	●	●	●	●	●	●
<b>Lifestyle Convenience</b>	New Powerful Operation	●	●	●	●	●	●
	Indoor Unit On/Off Switch	●	●	●	●	●	●
<b>Cleanliness</b>	Titanium Apatite Photocatalytic Air-Purifying Filter	●	●	●	●	●	●
	Air-Purifying Filter with Photocatalytic Deodorising Function	●	●	●	●	●	●
	Wipe-Clean Flat Panel	●	●	●	●	●	●
<b>Timers</b>	24-Hour On/Off Timer	●	●	●	●	●	●
	Night Set Mode	●	●	●	●	●	●
<b>Worry Free</b>	Auto-Restart after Power Failure	●	●	●	●	●	●

Outdoor unit

Functions	Models	R25/35J	R50/60J	RE25/35L	RE50/60L	RE20/25M
		Self-Diagnosis with Digital Display	●	●	●	●
Anticorrosion Treatment of Outdoor Heat Exchanger Fins	●	●	●	●	●	



## Specifications

### FT-J series

Model name	Indoor unit		FT25JV1V	FT35JV1V	FT50JV1V	FT60JV1V
	Outdoor unit		R25JV1V	R35JV1V	R50JV1V	R60JV1V
Capacity	kW		2.60	3.70	5.20	6.60
	Btu/h		8,900	12,700	17,750	22,530
Power supply	1 phase, 220 V, 50 Hz					
Running current	A		3.4	4.8	6.8	8.7
Power consumption	W		739	1,051	1,485	1,913
COP	W/W		3.52	3.52	3.50	3.45
<b>Indoor unit</b>			<b>FT25JV1V</b>	<b>FT35JV1V</b>	<b>FT50JV1V</b>	<b>FT60JV1V</b>
Front panel colour	White					
Airflow rate (H)	m <sup>3</sup> /min (cfm)		9.5 (335)	9.9 (350)	17.5 (618)	18.0 (635)
Fan speed	5 steps and automatic					
Sound pressure levels (H/L)	dB (A)		37/28	40/31	45/35	47/38
Dimensions (H x W x D)	mm		283 x 800 x 195		290 x 1,050 x 238	340 x 1,050 x 248
Machine weight	kg		9		12	15
<b>Outdoor unit</b>			<b>R25JV1V</b>	<b>R35JV1V</b>	<b>R50JV1V</b>	<b>R60JV1V</b>
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		0.85	1.15	1.30	1.90
Sound pressure levels	dB (A)		49		50	54
Dimensions (H x W x D)	mm		550 x 658 x 275	550 x 765 x 285	595 x 845 x 300	770 x 900 x 320
Machine weight	kg		31	35	38	62
Operation range	°CDB		19.4 to 46			
Piping connections	Liquid	mm	ø 6.4			
	Gas		ø 9.5	ø 12.7	ø 15.9	
	Drain		ø 18.0			
Max. piping length	m		25		30	
Max. height difference	m		15			

### FTE-L series

Model name	Indoor unit		FTE25LV1V	FTE35LV1V	FTE50LV1V	FTE60LV1V
	Outdoor unit		RE25LV1V	RE35LV1V	RE50LV1V	RE60LV1V
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 V, 50 Hz					
Running current	A		3.8	5.0	8.0	9.5
Power consumption	W		817	1,070	1,688	2,077
COP	W/W		3.18	3.13	3.08	3.08
<b>Indoor unit</b>			<b>FTE25LV1V</b>	<b>FTE35LV1V</b>	<b>FTE50LV1V</b>	<b>FTE60LV1V</b>
Front panel colour	White					
Airflow rate (H)	m <sup>3</sup> /min (cfm)		9.6 (339)	9.9 (350)	18.5 (653)	
Fan speed	5 steps and automatic					
Sound pressure 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	
<b>Outdoor unit</b>			<b>RE25LV1V</b>	<b>RE35LV1V</b>	<b>RE50LV1V</b>	<b>RE60LV1V</b>
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 pressure 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	mm	ø 6.4			
	Gas		ø 9.5	ø 12.7	ø 15.9	
	Drain		ø 18.0			
Max. piping length	m		20			
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 pressure 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

### FTE-M series

Model name	Indoor unit		FTE20MV1V	FTE25MV1V
	Outdoor unit		RE20MV1V	RE25MV1V
Capacity	kW		2.09	2.40
	Btu/h		7,000	9,000
Power supply	1 phase, 220 V, 50 Hz			
Running current	A		3.0	3.8
Power consumption	W		708	836
COP	W/W		2.95	2.87
<b>Indoor unit</b>			<b>FTE20MV1V</b>	<b>FTE25MV1V</b>
Front panel colour	Almond white			
Airflow rate (H)	m <sup>3</sup> /min (cfm)		8.0 (283)	
Fan speed	5 steps and automatic			
Sound pressure levels (H/L)	dB (A)		37/28	
Dimensions (H x W x D)	mm		273 x 784 x 195	
Machine weight	kg		8	
<b>Outdoor unit</b>			<b>RE20MV1V</b>	<b>RE25MV1V</b>
Casing colour	Ivory white			
Compressor	Type		Hermetically sealed rotary type	
	Motor output	W	543	710
Refrigerant charge (R-22)	kg		0.44	0.47
Sound pressure levels	dB (A)		50	
Dimensions (H x W x D)	mm		418 x 695 x 244	
Machine weight	kg		20	23
Operation range	°CDB		19.4 to 46	
Piping connections	Liquid	mm	ø 6.4	
	Gas		ø 9.5	
	Drain		ø 18.0	
Max. piping length	m		15	
Max. height difference	m		12	

Measurement conditions  
 1. Cooling capacity is based on: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; piping length 5 m.  
 2. Sound pressure 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.

## Options

### Indoor unit

#### FT-J series

No.	Item	FT25/35J	FT50J	FT60J
1	Titanium apatite photocatalytic air-purifying filter *	KAF970A46	—	KAF970A46
2	Air-purifying filter with photocatalytic deodorising function	—	KAF971B42	—
3	Remote controller loss prevention with chain	KKF917A4		

#### FTE-L series

No.	Item	FTE25/35L	FTE50/60L
1	Titanium apatite photocatalytic air-purifying filter *	KAF970A46	—
2	Air-purifying filter with photocatalytic deodorising function	—	KAF971B42
3	Remote controller loss prevention with chain	KKF917A4	

Note: \*1. The filter is a standard accessory. It should be replaced approximately every 3 years.

#### FTE-M series

No.	Item	FTE20/25M
1	Remote controller loss prevention with chain	KKF917A4

### Outdoor unit

#### R-J series

No.	Item	R25J	R35J	R50J	R60J
1	Air direction adjustment grille	KPW937B4	KPW937A4	KPW937C4	KPW945A4
2	Drain plug	KKP937A4 *			KKP945A4

#### RE-L series

No.	Item	RE25/35L	RE50L	RE60L
1	Air direction adjustment grille	KPW937B4	KPW937C4	KPW945A4
2	Drain plug	KKP937A4 *		

#### RE-M series

No.	Item	RE20/25M
1	Drain plug	KKP937A4 *

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