

## Warning



- 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

Cooling Only [60 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.

### Dealer

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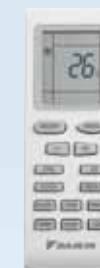
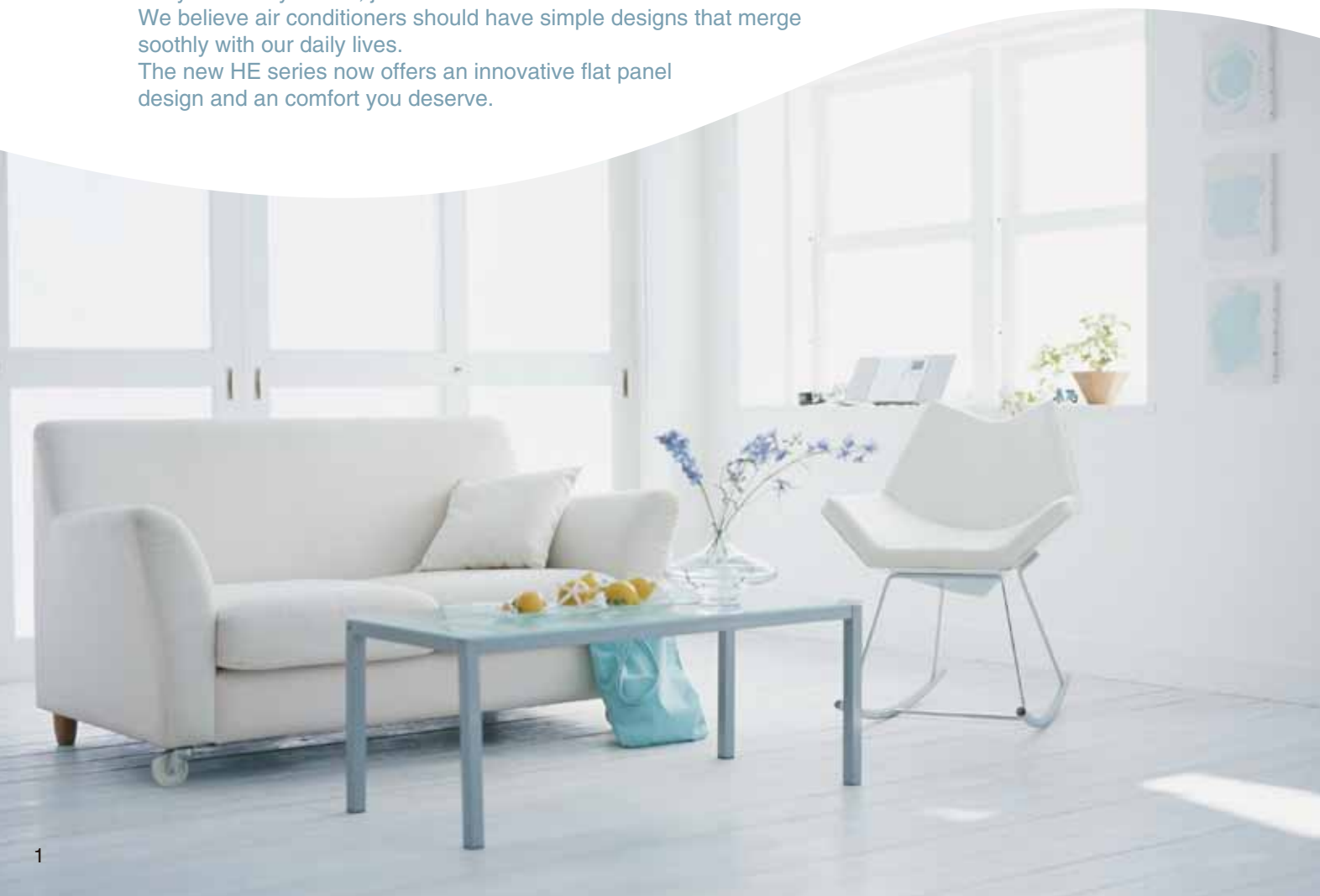
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## Always around you

They are always there, just like air.  
 We believe air conditioners should have simple designs that merge  
 soothly with our daily lives.  
 The new HE series now offers an innovative flat panel  
 design and an comfort you deserve.



Remote  
controller

Indoor unit  
**FT09HEVJ / FT12HEVJ / FT18HEVJ / FT24HEVJ**

	FT09HEVJ	FT12HEVJ	FT18HEVJ	FT24HEVJ
Height (mm)	265	275	298	315
Width (mm)	790	845	940	1,007
Depth (mm)	170	180	200	219



Outdoor unit  
**R09HEVJ / R12HEVJ**



Outdoor unit  
**R18HEVJ**



Outdoor unit  
**R24HEVJ**

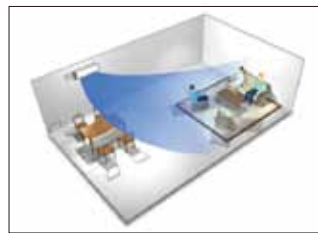


# Comfort and Reliable

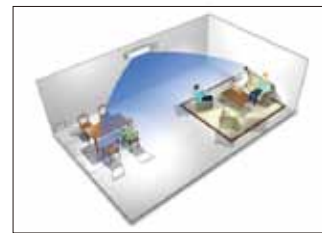
## Wide-Angle Louvers



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.



From a corner to the centre



Covers even a spacious 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.



## New Powerful Operation



New Powerful Operation boosts airflow to maximum volume. This function is activated by pushing the TURBO 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.



## 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.

## Auto Fan Speed



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

## High Energy Savings

The HE series models provide high EERs of 9.67 or more. This model is appropriate for rooms, which are air-conditioned for long periods.

	FT09HEVJ	FT12HEVJ	FT18HEVJ	FT24HEVJ
<b>EER (kJ/hW)</b>	<b>11.1</b>	<b>10.5</b>	<b>10.4</b>	<b>9.67</b>

**What Is EER?**  
An air conditioner's EER (Energy Efficiency Ratio) indicates how efficiently the unit uses energy. A higher EER means greater energy efficiency. It also means lower electricity consumption.

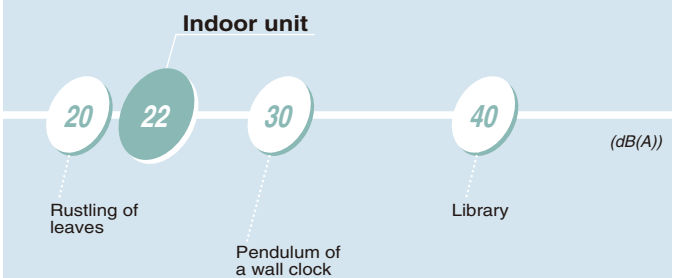
$$EER = \frac{\text{Capacity (kJ/h)}}{\text{Power consumption (W)}}$$

## 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. FT09HEVJ offers a low sound level of 22 dB (A) for indoor unit operation.

Indoor unit	FT09HEVJ	(dB (A))
Sound levels (SL)	<b>22</b>	

## 22 dB (A) is So Quiet You Can Even Hear Whispers



\* Based on "Examples of Sound Levels", Ministry of the Environment, Japan, November 12, 2002.

## 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 Timer On/Off button on the wireless remote controller.

## Night Set Mode



This function prevents excessive cooling for pleasant sleep conditions.

# Functions Dictionary

## Comfortable Airflow



### 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.

## Lifestyle Convenience



### New Powerful Operation

New Powerful Operation boosts airflow to maximum volume. This function is activated by pushing the TURBO button on the remote controller.



### 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.

## Cleanliness



### Mould-Proof Operation

This function indicates that moisture on evaporator of indoor unit will be blown after the unit is stopped to avoid mould. The function is easily activated from the remote controller by pushing the BLOW button.



### 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.

## 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.

## 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 Timer On/Off button on the wireless remote controller.



### Night Set Mode

This function prevents excessive cooling for pleasant sleep conditions.

## 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.

## Easy-to-Use Wireless Remote Controller

On/Off Switch



Selects Fan Speed

Sets Clock



Mould-Proof Operation



New Powerful Operation



Selects Mode : automatic, cooling, dry, fan-only operation

Sets Room Temperature



Vertical Auto-Swing (up and down)



24-Hour On/Off Timer

Displays Temperature

Light On/Off



Night Set Mode

# Specifications

Model name	Indoor unit		FT09HEVJ	FT12HEVJ	FT18HEVJ	FT24HEVJ
	Outdoor unit		R09HEVJ	R12HEVJ	R18HEVJ	R24HEVJ
Capacity	kJ / h		9,970	12,150	18,830	23,210
	kW		2.77	3.38	5.23	6.45
Power supply			1 phase, 230V, 60Hz			
Running current	A		4.2	5.5	8.3	10.6
Power consumption	W		900	1,160	1,810	2,400
EER	kJ / hW		11.1	10.5	10.4	9.67
Indoor unit			FT09HEVJ	FT12HEVJ	FT18HEVJ	FT24HEVJ
Airflow rate (H)	m <sup>3</sup> / min		8.3	10.5	14.2	15
Sound level (H/M/L/SL)	dB (A)		36/30/26/22	39/34/30/27	45/42/38/34	45/41/37/33
Dimensions (H x W x D)	mm		265 x 790 x 170	275 x 845 x 180	298 x 940 x 200	315 x 1,007 x 219
Machine weight	kg		9	10	13	15.5
Outdoor unit			R09HEVJ	R12HEVJ	R18HEVJ	R24HEVJ
Compressor type			Rotary			
Refrigerant charge (R-22)	Factory charge	kg	0.71	0.82	1.03	1.25
	Additional amount	g/m	15			
	Chargeless	m	7.5			
Sound level	dB(A)		48	49	51	51
Dimensions (H x W x D)	mm		540 x 848 x 320		680 x 913 x 378	700 x 955 x 396
Machine weight	kg		28	35	46	51
Operation range	°CDB		18 to 43			
Piping connections	Liquid	mm	ø6.4			
	Gas		ø9.5	ø12.7	ø12.7	ø15.9
Max. piping length	m		15	20	25	
Max. height difference	m		10			

Measurement conditions

Cooling capacity is based on: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; piping length 5m.