



FTV-0921-N



Built-In **Wifi** Control



# R32 Non Inverter Wall Mounted

FTV-A Series  
FTV-P Series

**R32**



**PREMIUM NON-INVERTER**  
FTV-A Series



**STANDARD NON-INVERTER**  
FTV-P Series



# Lineup of Non Inverter Air Conditioners with R32 Refrigerant

Daikin is the sole manufacturer to produce both air conditioning equipment and refrigerants worldwide. Our cutting-edge technologies and use of advanced R32 refrigerant provide enhanced comfort while reducing the impact on climate change.

Product name	1.0 hp	1.5 hp
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## PREMIUM NON-INVERTER FTV-A Series



FTV28ABV1



FTV35ABV1



## STANDARD NON-INVERTER FTV-P Series



FTV28PBV1



FTV35PBV1



2.0 hp

2.5 hp

3.0 hp



FTV50ABV1



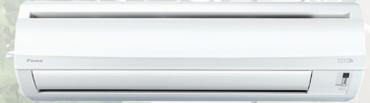
FTV60ABV1



FTV50PBV1



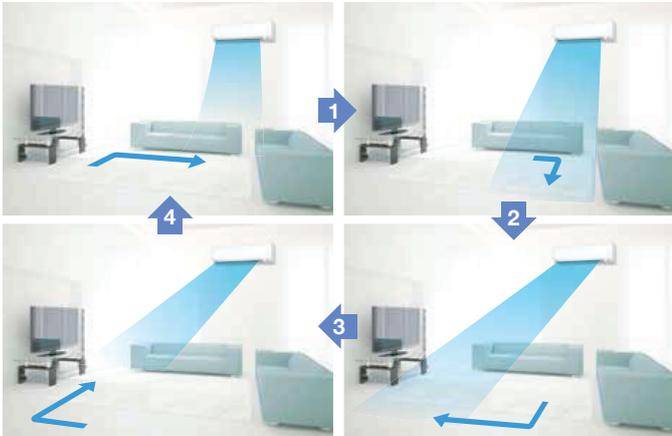
FTV60PBV1



FTV85PBV1

# Product Features

## Comfort Airflow



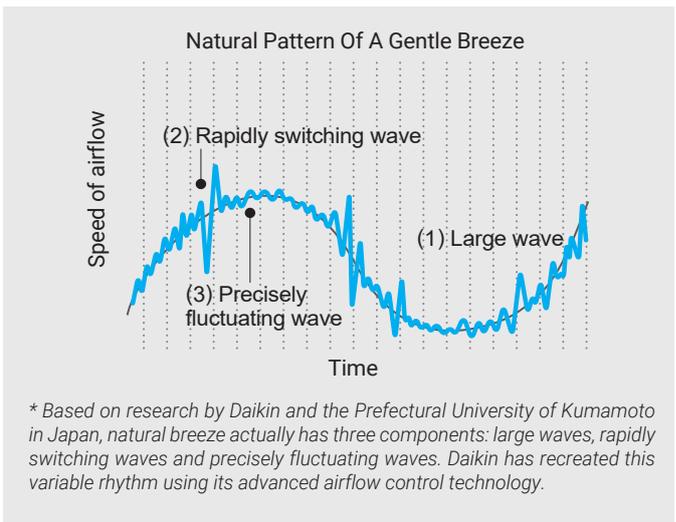
The flaps and louvers swing in turn, expanding the comfort zone

### 3D Airflow

The 3D airflow structure gives excellent air modulation to your room. It generates a rectangular motion of air throughout the room with improved air draft coverage, for an even faster and efficient cooling reach.

### Breeze Air Flow

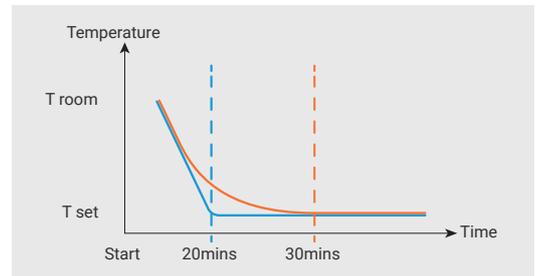
Breeze allows the air flow to be orchestrated at different strengths and speed, leading to the formation of varying combinations of cordial breeze. The room becomes a dedication to nature.



## Lifestyle Convenience

### Powerful Operation

Once activated, this feature will engage the indoor fan motor to run at maximum speed for 20 minutes. The turbo airflow enables the desired temperature to be achieved faster, especially in larger spaces.



### ECO+

An intelligent feature that ensures optimum energy consumption while fulfilling basic human comfort needs. Once activated, set temperature will be adjusted automatically to an eco-friendly level for better energy saving.



Blue: Standard Operation

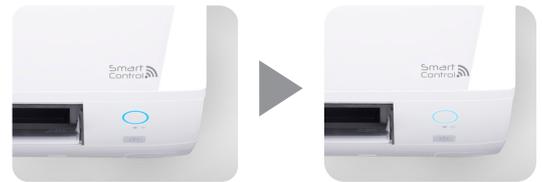
Green: ECO+ Mode

Indicated by a unique LED light, energy consumption level is intuitively switched between colors.

## Comfort Control

### Sleep Mode

Unwind at the end of the day with Sleep Mode, which gradually increases set temperature according to regular sleeping temperature patterns and auto adjust the LED display intensity for an effortlessly personalised sleeping environment.



Auto adjustment of LED display intensity provide user a sleeping environment with minimum disturbance.

\* Photo above shown: FTV-A appearance

## Cleanliness

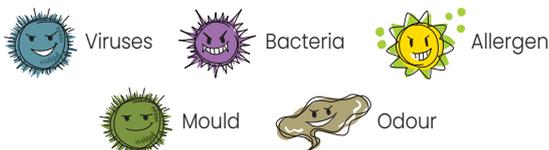
### iPlasma Technology Advanced T-Plasma

Our advanced plasma ion technology purifies and sterilizes the air by effectively removing airborne contaminants, as well as deactivating harmful bacteria by damaging their microbial DNA and surface structures without causing harm to human.

### Gin-Ion Blue Filter Gin-ION BLUE FILTER

This filter is treated with positively charged silver ion which effectively attracts viruses and bacterias onto its surface then decomposes up to 99.9% in 2 hours. On top of that, this filter can also prevent any fungal growth on its surface to provide better indoor air quality for a healthier life. It is recommended to change the filter after 1 year usage.

Substances can be collected and deactivate by filter:



# Smart Control

## GO DAIKIN

Simplify your life with the GO DAIKIN app. The GO DAIKIN app lets you manage Daikin air conditioners from anywhere, helping to maintain a comfortable home environment while saving energy. An application that easily allows for the control of your home climate! With just a simple wifi connection, you can now create the perfect climate for your home.

*(Certain app functions are optional)*



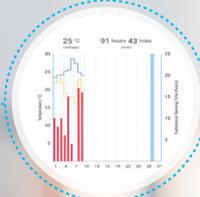
Scan the QR code to find out more!

## In-Home & Out-Of-Home Function Allows You To Control Your AC At Anywhere Anytime.



### GO CONVENIENCE

- In-home & Out-of-home function allows you to control your AC at anywhere anytime.
- Weekly scheduling allows you to set your AC at your preferred timing at a weekly basis.



### GO SAVE

- Greater savings can be achieved as you can now smartly track your daily hours of operation!



### GO COMFORT

- Different operational modes allows you to enjoy the different kinds of cooling experience.



### GO SHARE

- User control sharing easily allows you to share your AC controls with your family members through a simple QR code scanning.
- You can unbind the controls or restrict certain app functions of the AC from your family members at any time you desire.

## 3 Simple Steps For Unit Pairing

### STEP 1



### STEP 2



### STEP 3



# Smart Control

## GO DAIKIN Configuration



SPECIFICATIONS	
Input Voltage	DC 5V
Power Consumption	750mW
Size (H x W x D)	32.1mm x 50.1mm x 15.0mm
Mass	APPROX. 23g
Wireless Lan Protocol	IEEE 802.11b/g/n
Frequency Range	2.4GHz - 2.48GHz
Encryption	WPA/WPA2

### Required for Operation:



## ENJOY 2 YEARS FREE\*1 UPGRADE TO PRO ON US

Function List	Standard RM0.00	Pro RM11.99 Per year
Standard Control Functions*2	✓	✓
User Control Sharing to Family & Friends	✓	✓
In-Home AC Control	✓	✓
Out-Of-Home AC		✓
Indoor/Outdoor Temperature Monitoring		✓
Weekly Scheduling		✓
Countdown Timer		✓
Auto Error Code Detection	✓	✓
Voice control (Alexa, Google Home)	✓	✓

### Smart Control Subscription:

- Free 2 years upgrade to Smart Control Pro upon first time successful pairing to network adaptor (AWM61A01). Package will switch back to Smart Control Standard (FREE) after 2 years. User can choose to upgrade to Smart Control Pro with subscription of RM 11.99 yearly per air conditioner.
- Function includes: On/Off, Operation Mode, Fan Swing, Fan Speed, Powerful Mode, Quiet Mode, Sleep Mode.

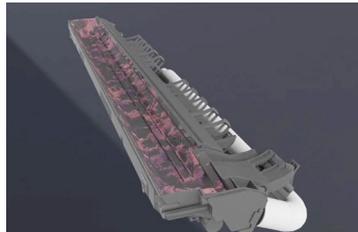
### Go Daikin App:

- An Internet connection through mobile data or WiFi network is required to use Smart Control function.
- Connectivity of App to AC will depend on the effective coverage area of your Local Area Network (LAN).
- This device supports DHCP (Dynamic Host Configuration Protocol) only. Ensure that your router has DHCP server option function activated before pairing.
- The controllable functions and features may differ depending on the model.

# Other Features

## Removable Drain Pan

The drain pan collects condensation formed on the indoor heat exchanger fins. The drain pan can be removed easily without any disassembly. This design dramatically reduces cleaning time.



The drain pan and louvers can be easily detached after simply removing the front panel and screws.

## 5 + 1 Years Warranty

Designed for durability and component quality, the units comes with 5 years warranty for compressor and 1 year warranty for general parts.



# Functions

## Comfortable Airflow



### 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.



### 3D Airflow

This function combines Vertical and Horizontal Auto-Swing to circulate a cloud of cool air right to the corners of even large spaces. The flaps and louvers swing in turn.



### Breeze Airflow

This function recreates the natural pattern of a gentle breeze, providing a cool airflow into the room. Based on research by Daikin and the Prefectural University of Kumamoto in Japan, natural breeze actually has three components: large waves, rapidly switching waves and precisely fluctuating waves. Daikin has recreated this variable rhythm using its advanced airflow control technology.

## Comfort Control



### Indoor Unit Quiet Operation

Indoor unit operating sound pressure levels are decreased from the low setting fan speed using the wireless remote controller.



### Auto Fan Speed

The microprocessor automatically adjusts the fan speed to high to rapidly reach the set temperature. Once the temperature is achieved, this function reduces the fan speed to low.



### Programme Dry Function

The computer chip works to rid the room of humidity while keeping the room temperature as stable as possible. It controls the temperature and airflow rate automatically, so manual adjustment of these functions is not available.



### Sleep Mode

Unwind at the end of the day with Sleep Mode, which gradually increases set temperature according to regular sleeping temperature patterns and auto adjust the LED display intensity for an effortlessly personalised sleeping environment.

## Lifestyle Convenience



### Powerful Operation

This function boosts cooling performance for a 20 minute period. It is convenient when it is necessary to change the room temperature quickly.



### Indoor Unit On/Off Switch

The unit can be conveniently started by hand if the wireless remote controller is misplaced or its batteries are not charged.



### Unit LED Display On/Off Button

The LED Display on unit can be conveniently turned off with the touch of a single button to ensure zero light disturbance.

*\*This button allow user to deactivate "Power Usage Indication" by 1st press, turned off LED display on unit by 2nd press, and resume LED display by 3rd press*



### Power Usage Indication

A quick indication to users on the air conditioner operation whereby power consumption status of unit will be reflected by LED display colour.



### Wireless Remote Controller with Luminous Button

The luminous button absorbs and saves light and then slowly releases it. This makes it easy to see in the dark.



### Eco+

An intelligent feature that ensures optimum energy consumption while fulfilling basic human comfort needs. Once activated, set temperature will be adjusted automatically to an eco-friendly level for better energy saving.



### GO DAIKIN

This built-in network adaptor (AWM61A01) and its application turn a smartphone into a remote controller that can be used inside or outside the home. Together they help to maintain comfort while saving energy and eliminate any worries about forgetting to turn off the air conditioner.

## Cleanliness



### iPlasma Technology

Our advanced plasma ion technology purifies and sterilizes the air by effectively removing airborne contaminants, as well as deactivating harmful bacteria by damaging their microbial DNA and surface structures without causing harm to human.



### Dust Collection Filter (PM 2.5) (optional accessory)

This filter removes PM 2.5, particulate matter which is smaller than 2.5 micrometres ( $\mu\text{m}$ ). 1  $\mu\text{m}$  is equal to 1/1,000 mm. PM 2.5 is small enough to be breathed deep into the lungs. This filter should be replaced every six months because it can not be cleaned.



### Gin-Ion Blue Filter

This filter is treated with a positively charged silver ion, which efficiently draws viruses onto its surface and decomposes up to 99.9% in 2 hours. On top of that, this filter can deactivate bacteria and inhibit fungal growth on its surface to improve the quality of indoor air for a healthier lifestyle. The filter delivers consistent performance for around a year if filter is cleaned once every 2 weeks.

Substances can be collected and deactivate by filter:



### Wipe-Clean Flat Panel

The flat panel design can be cleaned with only the single pass of a cloth across its smooth surface. The flat panel can also be easily removed for more thorough cleaning.



### Removable Drain Pan

The drain pan collects condensation from the indoor heat exchanger fins. Removable drain pans help to reduce the cleaning time.

## Timer



### 24 Hour On/Off Timer

This timer can start or stop the air conditioner within a 24 hour period. It can be preset in 30 minutes steps by pressing the on/off timer button on the wireless remote controller. The on timer and off timer can be used in combination.

## Worry Free



### Auto-Restart after Power Failure

The air conditioner memorises the settings for operation mode (automatic, cooling, dry and fan only), 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 salt corrosion.

*Higher Corrosion Resistance Gold Fin is available (Optional).*

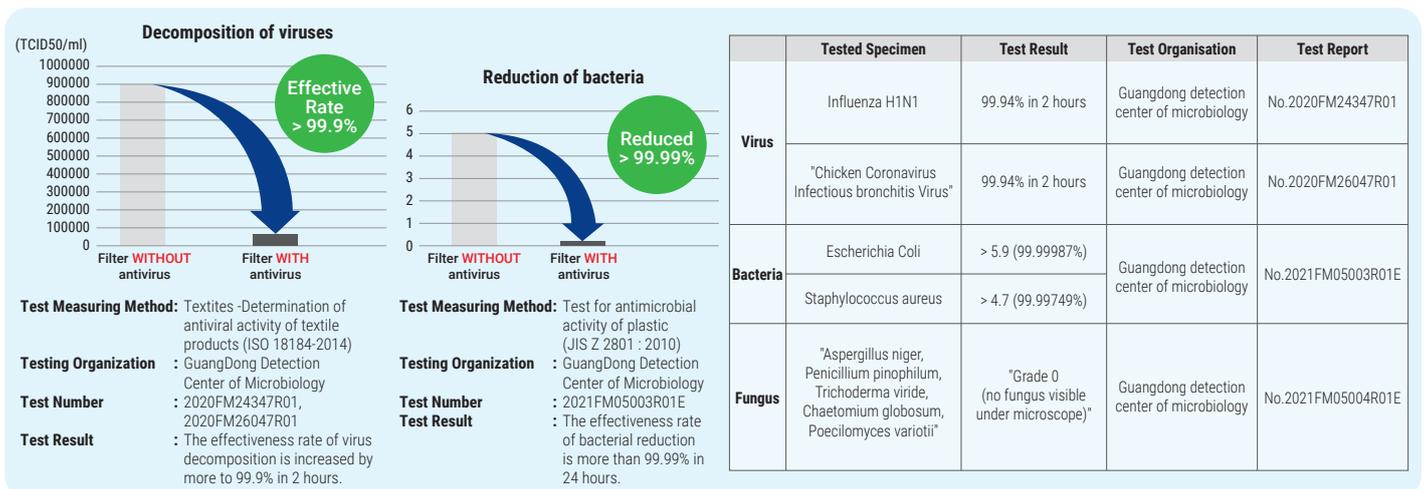
# Function List

Indoor Unit		FTV-A	FTV-P	FTV-P
Functions	Models	28/35/50/60	28/35/50/60	85
Comfort Airflow	Vertical Auto-Swing (up and down)	●	●	●
	Horizontal Auto-Swing (left and right)	●	-	-
	3D Airflow	●	-	-
	Breeze Airflow	●	-	-
Comfort Control	Indoor Unit Quiet Operation	●	●	●
	Auto Fan Speed	●	●	●
	Programme Dry Function	●	●	●
	Sleep Mode	●	●	●
Lifestyle Convenience	Powerful Operation	●	●	●
	Indoor Unit On/Off Switch	●	●	●
	Unit LED Display On/Off Button	●	-	-
	Power Usage Indication	●	-	-
	Wireless Remote Controller with Luminous Button	●	●	●
	Eco+	●	-	-
	GO DAIKIN (Network Adaptor AWM61A01)	●	●	●
Cleanliness	iPlasma Technology	●	-	-
	Dust Collection Filter (PM 2.5)	Optional accessory	Optional accessory	Optional accessory
	Gin-Ion Blue Filter	●	●	●
	Wipe-Clean Flat Panel	●	●	●
	Removable Drain Pan	●	●	●
Timer	24 Hour On/Off Timer	●	●	●
Worry Free	Auto-Restart after Power Failure	●	●	●
	Self-Diagnosis with Digital Display	●	●	●
Outdoor Unit		RV		RC
Functions	Models	RV28/35/50/60A	RV28/35/50/60P	RC85BV1M
Worry Free	Anti-Corrosion Treatment of Outdoor Heat Exchanger Fins	●	●	●

Note: ● : Available  
- : Not Available

## Gin-ION Blue Filter Test Result

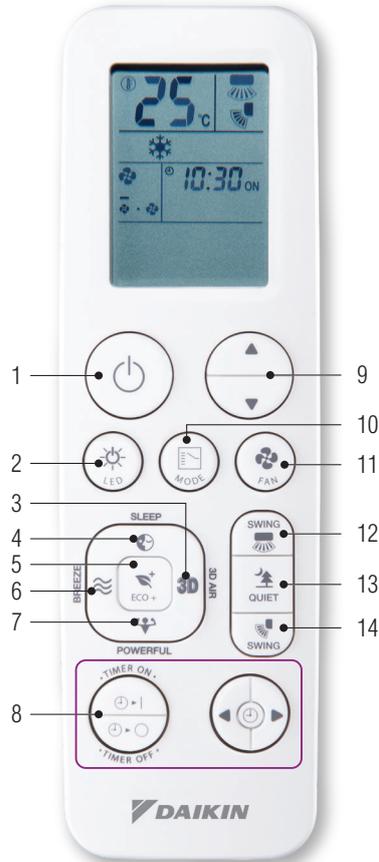
The Gin-ION Blue Filter has been tested and confirmed to decompose viruses, bacteria, and inhibit fungal growth on the filter surface.



# Wireless Remote Controller

## FTV-A Series

- On and Off switch 1
- LED On/Off 2
-  3D Airflow 3
-  Sleep Mode 4
-  Eco+ 5
-  Breeze Airflow 6
-  Powerful Operation 7
-  24 Hour On/Off Timer 8

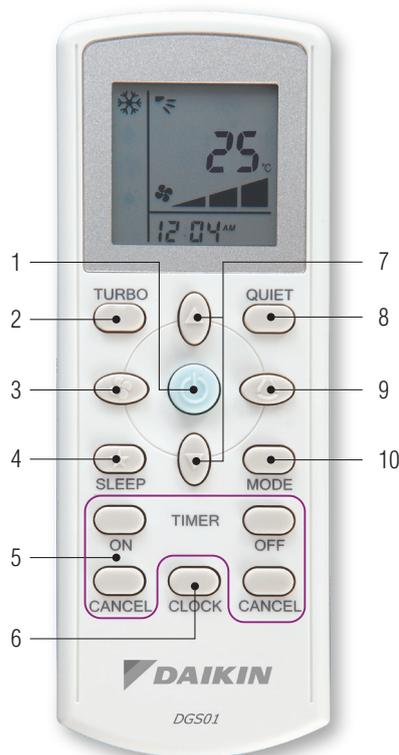


- 9 Sets Room Temperature
- 10 Mode
- 11 Fan Speed 
- 12 Horizontal Auto-Swing (left and right) 
- 13 Indoor Unit Quiet Operation 
- 14 Vertical Auto-Swing (up and down) 

FTV28/35/50/60ABV1 | ARC485A1

## FTV-P Series

- On and Off switch 1
-  Turbo Mode 2
-  Fan Speed 3
-  Sleep Mode 4
-  24 Hour On/Off Timer 5
- Clock Time Setting 6



- 7 Sets Room Temperature
- 8 Quiet Mode 
- 9 Vertical Auto-Swing (up and down) 
- 10 Mode

FTV28/35/50/60/85PBV1 | DGS01

# Specifications



FTV-A Series



FTV28/35/50/60ABV1



RV28/35ABV1M



RV50/60ABV1M

## FTV-A Series **R32**

Model name	Indoor unit		Wireless	FTV28ABV1MF	FTV35ABV1MF	FTV50ABV1MF	FTV60ABV1MF
			Wired	FTV28ABV1MW	FTV35ABV1MW	FTV50ABV1MW	FTV60ABV1MW
	Outdoor unit			RV28ABV1M	RV35ABV1M	RV50ABV1M	RV60ABV1M
Rated Cooling Capacity		Btu/h		9,500	12,500	18,000	24,000
		kW		2.78	3.66	5.28	7.03
Power Consumption		W		840	1,075	1,650	2,220
Running Current		A		3.76	4.77	7.35	9.88
CSPF		Wh/Wh		3.52	3.62	3.40	3.36
Indoor	Air Flow Rate		cfm	380	410	425	690
	Sound Pressure Level (H/M/L/Q)		dBA	38 / 33 / 30 / 28	40 / 35 / 33 / 28	42 / 38 / 35 / 33	44 / 41 / 39 / 37
	Dimension (H x W x D)		mm	288 x 770 x 234			297 x 990 x 273
	Unit Weight		kg	9.0		9.5	13.0
Outdoor	Sound Pressure Level		dBA	46	48	49	52
	Dimension (H x W x D)		mm	550 x 658 x 273		615 x 845 x 300	
	Unit Weight		kg	25	28	42	46
	Piping Connection Size	Liquid	mm	ø6.35			
		Gas	mm	ø9.52		ø12.70	
	Maximum Pipe Length		m	25		30	
	Maximum Pipe Elevation		m	15		20	
	Coil Type		Hydrophillic Blue Fin				
Power Supply		220-240 V/1ph/50Hz (Power to Indoor)					
Heat Insulation		Both Liquid and Gas Piping					
Energy Rating		3 Star					

### Remarks:

1. Due to product innovation, all specifications are subjected to change by the manufacturer without prior notice.
2. All units are being tested and comply to ISO5151.
3. Nominal cooling capacity are based on the conditions: 27°C DB / 19°C WB indoor and 35°C DB outdoor.
4. Sound pressure levels are measured in anechoic chamber according to JIS C 9612 standard. During actual operation, sound pressure level will be higher as a result of room specification condition.
5. The Gin-ION Blue Filter is not a medical device. Benefits shown are only effective for substances which are directly attached on the filter surface.

# Specifications



FTV28/35/50/60PBV1MF



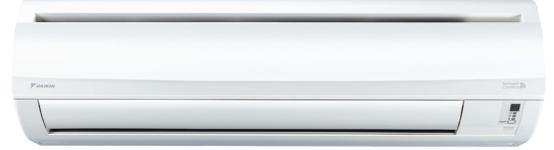
FTV28PBV1



FTV35PBV1



FTV50/60PBV1



FTV85PBV1MF



RV28/35PBV1M



RV50/60PBV1M



RC85BV1M

## FTV-P Series

**R32**

Model name		Indoor unit	Wireless	FTV28PBV1MF	FTV35PBV1MF	FTV50PBV1MF	FTV60PBV1MF	FTV85PBV1MF	
			Wired	FTV28PBV1MW	FTV35PBV1MW	FTV50PBV1MW	FTV60PBV1MW	FTV85PBV1MW	
		Outdoor unit		RV28PBV1M	RV35PBV1M	RV50PBV1M	RV60PBV1M	RC85BV1M	
Rated Cooling Capacity		Btu/h		9,500	12,000	18,000	22,500	30,000	
		kW		2.78	3.52	5.28	6.59	8.79	
Power Consumption		W		865	1,135	1,660	2,130	2,900	
Nominal Running Current		A		3.86	5.03	7.38	9.52	13.10	
CSPF		Wh/Wh		3.42	3.29	3.37	3.28	3.22	
Indoor	Air Flow Rate	cfm		342	355	531	614	931	
	Sound Pressure Level (H//M/L/Q)	dBA		37 / 33 / 27 / 25	39 / 35 / 29 / 28	42 / 39 / 36 / 35	46 / 43 / 39 / 37	51 / 46 / 42 / 39	
	Dimension (H x W x D)	mm		288 x 800 x 212		310 x 1,065 x 228		310 x 1,289 x 240	
	Unit Weight	kg		9.0		14.0		16.0	
Outdoor	Sound Pressure Level		dBA	46	48	52	52	54	
	Dimension (H x W x D)		mm	550 x 658 x 273		615 x 845 x 300		695 x 930 x 350	
	Unit Weight		kg	25	28	40	46	53	
	Piping Connection Size	Liquid	mm	ø6.35					ø9.52
		Gas	mm	ø9.52		ø12.70		ø15.88	
	Maximum Pipe Length		m	25		30		50	
	Maximum Pipe Elevation		m	15		15		30	
Coil Type		Hydrophillic Blue Fin							
Power Supply		220-240 V/1ph/50Hz (Power to Indoor)							
Heat Insulation		Both Liquid and Gas Piping							
Energy Rating				3 Star	2 Star	3 Star		-	

### Remarks:

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### **DAIKIN MALAYSIA SALES & SERVICE SDN. BHD.**

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