

## Function Dictionary

### 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. The flaps can direct warm air straight down to the floor during heating operation.



#### Wide-Angle Louvres

The smoothly curved Wide-Angle Louvres provide wide airflow coverage for effective 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 louvres to the left and right to cover a room with cool/warm air.



#### 3-D Airflow

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

### 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/heating 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 or cold, while you are sleeping or out of your home. Select any temperature from 18 to 32 °C for cooling operation and 10 to 30 °C for heating operation.



#### 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.

### 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 dB from the rated operation sound using the wireless remote controller.



#### Intelligent Eye

Intelligent Eye with its infrared sensor automatically controls air conditioner operation according to human movement in a room. When there is no movement, it adjusts the temperature by  $\pm 2$  °C for energy savings of up to 20% for cooling operation and 30% for heating operation.



#### Automatic Operation

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



#### 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.

### 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 any sudden change in room temperature by gently raising/lowering the temperature before the air conditioner stops, so you can sleep comfortably.

### 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.



#### 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.

## Cleanliness



### 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.

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### Air-Purifying Filter

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

► See pages 13 and 17



### 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.

► See page 12



### 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.

► See page 13



### 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 13



### Mould-Proof Air Filter

The air filter is finished with a coating that suppresses the growth of mould on its surface.

## Others

### Comfort Control

#### Quick Warming Function

During low outdoor temperatures, this function pre-heats the compressor to shorten the time required to discharge warm air.

#### Automatic Defrosting

Before starting heating operation, a sensor checks for frost in the outdoor unit and performs automatic defrosting if necessary so that only warm air is discharged.

#### Hot-Start Function

After defrosting or when starting heating operation, air is pre-heated before discharge to prevent uncomfortable cold drafts.