

# FUNCTIONS

## Energy saving



### Fuzzy Auto Mode

Using fuzzy logic algorithms, the unit determines the operating mode and temperature settings automatically and adjusts the inverter frequency.



### Motion Sensor

This sensor detects human activity and shifts the temperature setting according to the amount of activity in the room.



### Eco Operation

Room temperature and humidity are monitored using a sensor to automatically control the operation. In tandem with the motion sensor, the system enables an energy saving mode while maintaining comfort.



### Auto Off

Stops the operation automatically when there is no activity detected in the room for a certain period.



### Economy Mode

The unit will operate in energy saving mode in order to avoid excessive heating and cooling.

## Air flow



### Jet Air Technology

Air flow is regulated using the same blade technology as that in jet engines which produces a powerful yet efficient air flow.



### 3D Auto

This one touch program will activate the three independent motors to evenly distribute air flow and create optimum heating and cooling conditions.



### Auto Flap Mode

Depending on the operating mode, the unit will automatically set the position of the louvers at the optimal angle.

COOLING & DRY  
Horizontal blowing



HEATING  
Slant forward blowing



### Memory Louver

While the louver is swinging it can be stopped at any angle. On the next start-up the louver returns to the same position that it was when the operation last stopped.



### Vertical Auto Swing

Louvers swing up and down continuously and can be set at a fixed angle.



### Horizontal Auto Swing

Louvers swing right and left continuously and can be set at a fixed angle.



### Draft Prevention Setting

Draft Prevention setting provides a comfortable air flow without any draft feeling. Whether cooling or heating a room, the remote control can be used to instantly suppress any warm or cool drafts. This accurately assists how air flow is directed out of the indoor unit.



### Air Outlet Selection

The unit has an upper and a lower outlet. This function allows you to select only the upper outlet, or the upper and lower outlets together.

## Clean Operation & Filter



### Allergen Clear Operation

The system is equipped to suppress the influence of the allergens caught by the Allergen Clear Filter by controlling the temperature and humidity. Enzymes are used to suppress the influence of the allergens caught during everyday operation.



### Self-Clean Operation

Self clean mode dries the indoor unit and filter, preventing the growth of mould. This runs for 2 hours after the unit has been switched off.



### Allergen Clear Filter

The filter breaks down the pollen, lice, and all allergens that live on cat skins, etc. and deactivates them.



### Photocatalytic Washable Deodorising Filter

This easy to clean filter that catches airborne allergens and particles before neutralising odour causing bacteria within them.



### Removable Cover Panel

With an easy to remove front panel, cleaning and maintenance of the indoor unit is quicker and easier than ever.

## Comfort



### Automatic Operation

This function automatically selects the required heating or cooling function based on the current room conditions.



### Dry Operation

During dry operation the unit will act as a dehumidifier to remove moisture from the air.



### High Power Operation

Use the high power function to quickly reach your optimum temperature level when you first turn on the unit. This function will operate for a maximum of 15 minutes before returning to normal operation.



### Silent Operation

This function allows you to program periods where the unit will operate with reduced noise levels and is ideal for temperature control during the night.



### Night Setback

Designed for cold season, this ensures the room temperature is kept at around 10°C, even while unoccupied.



### Fireplace Function

By continuing to operate the indoor fan when the room temperature is stabilized, the warm air accumulated in the ceiling is circulated to the room.

## Timer



### Weekly Timer

Set your unit to turn on and off automatically on a weekly basis to suit your usual room usage on each day.



### 24-hour On/Off Programmable Timer

By combining a start timer with a stop timer, you can register two timer operations a day. Once set, timers will faithfully start or stop the system at a specified time of the day repeatedly.



### Sleep Timer

The room temperature is automatically controlled during the set sleep mode period, ensuring that room temperature will not get too cold or too hot. Set a predetermined amount of time between 30 and 240 minutes that your unit will operate for before switching off.



### On/Off Timer

This timer allows the unit to be set to turn ON or OFF automatically once within a 24 hour period.

## Convenience



### Comfort Start-up

With the ON-TIMER function, the unit will switch on earlier than the SET time, to ensure the optimum temperature is reached at the ON TIME.



### Preset Operation

The desired preset operation mode can be enabled with a single touch of a button.



### Child Lock

Lock the remote control to prevent little ones from tampering with the remote control.



### LED Brightness Adjustment

The unit has an adjustable LED brightness display for minimal disturbance during night operation.



### Positioning of Installation

This allows you to manually set the air flow direction when the unit is installed against a wall.

## Others



### Microcomputer-Operated Defrosting

This mode is automatically activated during low ambient temperatures to prevent the frosting of the outdoor heat exchanger and maintains heating efficiency.



### Self Diagnostics

The internal microcomputer automatically runs a diagnostic of the system in the event of a malfunction. This enables your authorised dealer to isolate and repair any issues.



### Auto Restart Function

If there is a temporary loss of power, when power is restored, the unit will automatically restart in the same operating mode it was in.



### Back-up Switch

If the remote control fails, the unit can be operated via an on/off switch on the indoor unit.



Can be selected for use both R32 and R410A outdoor unit



Can be selected for use as indoor units in the combination with SCM Multi system outdoor unit.



If you acquired the Wi-Fi device, you can control the air conditioner at home or on the go by installing Smart M-Air app on your smartphone or tablet.