

A NOTE ABOUT SAFETY

Any time you see this symbol ⚠ in manuals, instructions and on the unit, be aware of the potential for personal injury. There are three levels of precaution:

DANGER identifies the most serious hazards which will result in severe personal injury or death.

WARNING signifies hazards that could result in personal injury or death.

CAUTION is used to identify unsafe practices which could result in minor personal injury or product and property damage.

NOTE is used to highlight suggestions which will result in enhanced installation, reliability, or operation.



WARNING

PERSONAL INJURY, DEATH AND / OR PROPERTY DAMAGE HAZARD

Failure to follow this warning could result in personal injury, death or property damage.

Improper installation, adjustment, alteration, service, maintenance, or use can cause explosion, fire, electrical shock, or other conditions which may cause personal injury or property damage. Consult a qualified installer, service agency, or your distributor or branch for information or assistance. The qualified installer or service agency must use factory-authorized kits or accessories when modifying this product.

Read and follow all instructions and warnings, including labels shipped with or attached to unit before operating your new air conditioner.

GENERAL

The high wall fan coil unit provides quiet, maximum comfort. In addition to cooling and/or heating, the high wall fan coil unit matched with an outdoor condensing unit filters and dehumidifies the air in the room to provide maximum comfort.

IMPORTANT: The high wall fan coil unit should be installed by authorized personnel only; using approved tubing and accessories. If technical assistance, service or repair is needed, contact the installer.

The high wall fan coil unit can be set up and operated from the remote control (provided). **If the remote is misplaced, the system can be operated from the "Auto" setting on the unit.**

Operating Modes:

The high wall fan coil unit has five operating modes:

- FAN Only
- AUTO
- HEATING (heat pump models only)
- COOLING
- DEHUMIDIFICATION (DRY)

Fan Only

In the FAN Only mode, the system filters and circulates the room air without changing room air temperature.

Auto

In the AUTO mode, the system automatically cools or heats the room according to the user-selected set point. mode, the system automatically cools or heats the room according to the user-selected set point.

NOTE: AUTO mode is recommended for use on Single Zone applications only. Using AUTO changeover on multi-zone applications could set an indoor unit to STANDBY mode, indicated with two dashes (--) on the display, which will turn off the indoor unit until all the indoor units are in the same mode (COOLING or HEATING). HEATING is the system's priority mode. Simultaneous HEATING and COOLING is not allowed.

Heating

In the HEATING mode, the system heats and filters the room air.

Cooling

In the COOLING mode, the system cools, dries and filters the room air.

Dehumidification (DRY)

In the DEHUMIDIFICATION mode, the system dries, filters and slightly cools the room air temperature. This mode prioritizes air dehumidification but it does not take the place of a dehumidifier.

Wireless Remote Control

The remote control transmits commands to set up and operate the system. The control has a window display panel that displays the current system status. The control can be secured to a surface when used with the mounting bracket provided.

Wired Remote Control (Optional)

Refer to the Wired Controller manual.

24V Interface (Optional)

Allows the control of the Ductless System with a third party thermostat.

PART NAMES

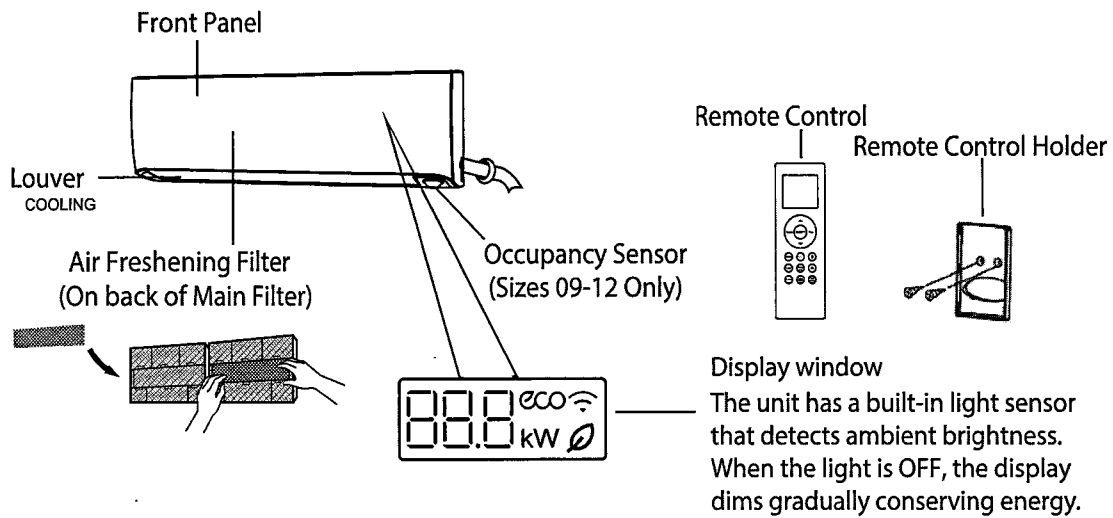


Fig. 1 — Indoor Unit

Indoor Unit Display Indicator

"88 8" Displays temperature, operation feature and error codes:

"00" for 3 seconds when:

- TIMER ON is set
- FRESH, SWING, TURBO, or SILENCE features are turned ON

"0F" for 3 seconds when:

- TIMER OFF is set
- FRESH, SWING, TURBO, or SILENCE features are turned OFF

"dF" when defrosting

"SC" when unit is self-cleaning

"FP" when 46°F(8°C) or 54°F(12°C) heating mode is turned ON

"∅" when the fresh feature is turned ON (Not available on these systems)

"ECO" when the ECO feature is activated

"Wi-Fi" when the Wi-Fi® wireless control feature is activated

"kW" indicates the current operation power (Not available on these systems)

Display Code
Legend

In Fan mode, the unit displays the room temperature.

In other modes, the unit displays your temperature setting.

Press LED on the remote control 7 times continuously within 3 minutes until AP appears on the display of the indoor unit to turn ON the Wi-Fi® signal (requires Wi-Fi Module sold separately). Refer to the Wi-Fi® installation and operation instructions for details on how to activate and use the integrated Wi-Fi® functionality.

Fig. 2 — Indoor Unit Display Indicator

WIRELESS REMOTE CONTROL

Before you begin using your new air conditioner, make sure to familiarize yourself with the remote control. The following is a brief introduction to the remote control.

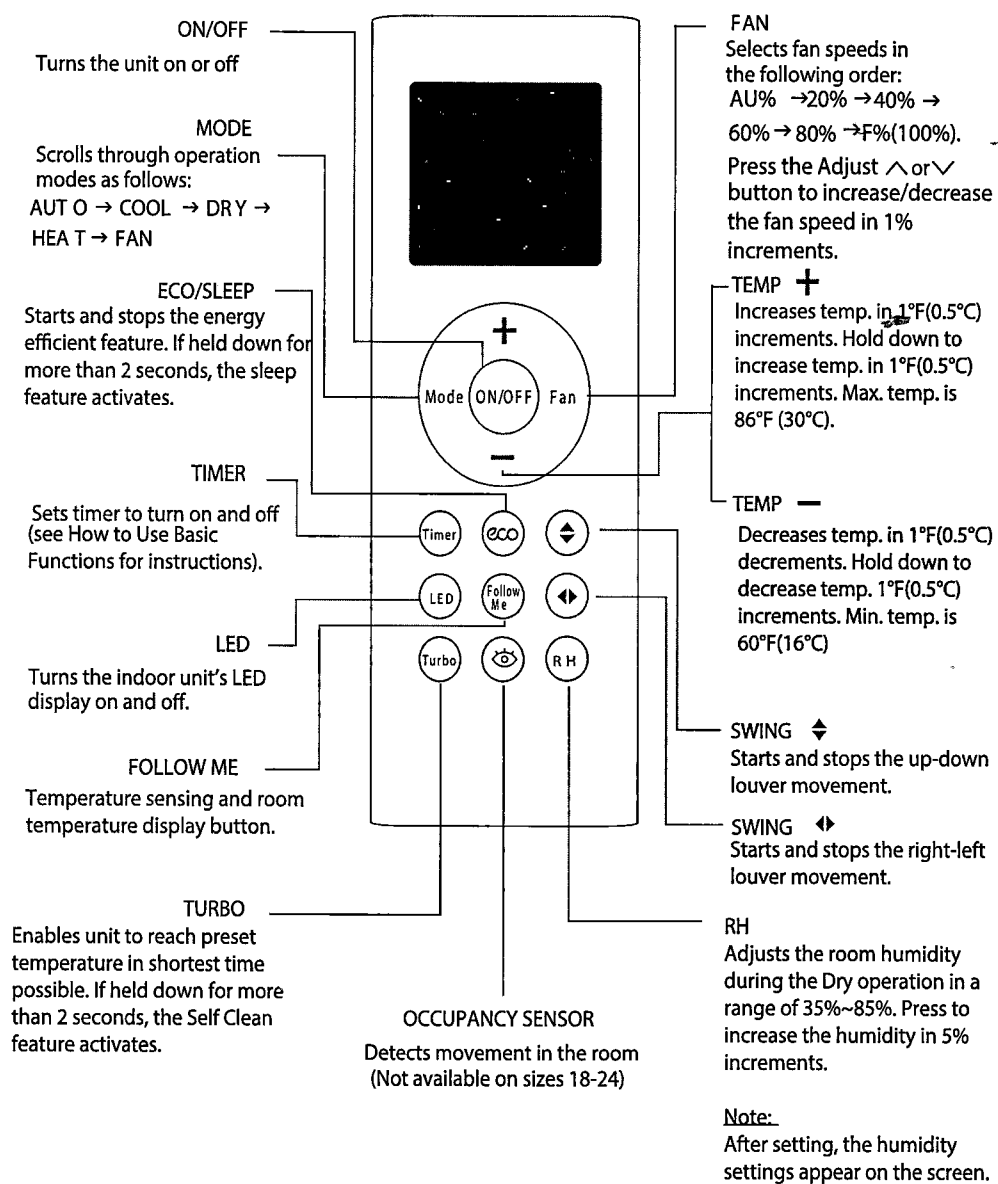


Fig. 3 —Remote Controller

NOTE: For advanced functions, refer to the RG66B9(2H)/BGEFU1 Wireless Remote Controller's service manual.

Remote LCD Screen Indicators

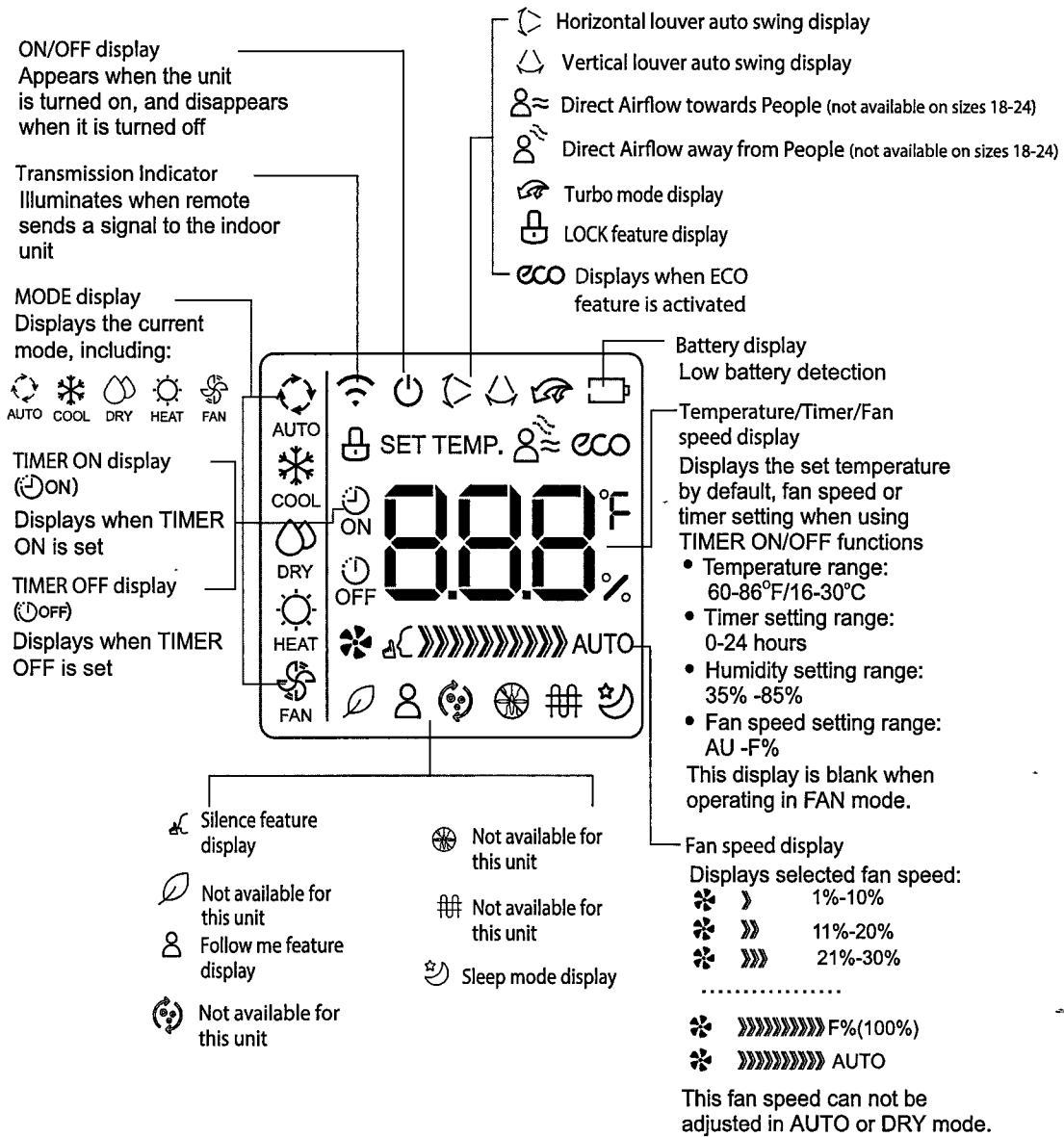
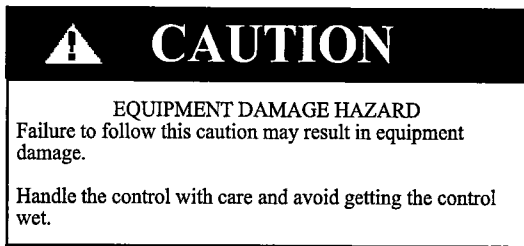


Fig. 4 —Unit Display

REMOTE CONTROL



IMPORTANT: The remote control can operate the unit from a distance of up to 26 ft. (8 m) as long as there are no obstructions. When the timer function is used, the remote control should be kept in the vicinity of the fan coil (within 26 ft. / 8 m).

The remote control can perform the following basic functions:

- Turn the system ON and OFF
- Select operating mode
- Adjust room air temperature set point and fan speed
- Adjust right-left airflow direction

Refer to the *Remote Control Function* section for a detailed description of all the capabilities of the remote control.

Battery Installation

Two AAA 1.5v alkaline batteries (included) are required for operation of the remote control.

To install or replace batteries:

1. Slide the back cover off the control to open the battery compartment.
2. Insert the batteries. Follow the polarity markings inside the battery compartment.
3. Replace the battery compartment cover.

NOTES:

1. When replacing batteries, do not use old batteries or a different type battery. This may cause the remote control to malfunction.
2. If the remote is not going to be used for several weeks, remove the batteries. Otherwise, battery leakage may damage the remote control.
3. The average battery life under normal use is about 6 months.
4. Replace the batteries when there is no audible beep from the indoor unit or if the Transmission Indicator fails to light.
5. When batteries are removed, the remote control erases all programmed settings. The control must be reprogrammed after insertion of new batteries.

Remote Control Operation - Quick Start

NOTE: When transmitting a command from the remote control to the unit, be sure to point the control toward the right side of the unit. The unit confirms receipt of a command by sounding an audible beep.

1. Turn the unit on by pushing ON/OFF.
2. If there is a preference for °C rather than °F (default), press and hold the + and - temperature set point buttons together for approximately 3 seconds.
3. Select the desired mode by pushing MODE.

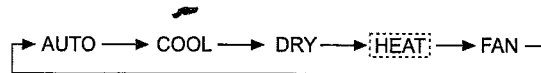


Fig. 5 — Modes

4. Select the temperature set point by pointing the control toward the unit and pressing the increase/decrease temperature set point buttons until the desired temperature appears on screen.
5. Press FAN to select the desired fan speed.

NOTE: If the unit is operating in DRY or AUTO mode, the fan speed will be automatically set.

6. Set the airflow direction. When the unit is turned on, the louvers default to the cooling or heating position. The user can adjust the louver position or initiate continuous louver movement by pressing UP-DOWN Louver SWING. See Fig. 3 — on page 4).

Manual Control

If the remote control is lost, damaged, or the batteries are exhausted, MANUAL CONTROL can be used to run the unit. When MANUAL CONTROL is pressed once, the AUTO mode takes affect (heat or cool). When this button is pressed twice, the system enters the TEST mode and runs for 30 minutes in the COOLING mode (it will run in the AUTO mode afterward). When pressed three times, the system turns off.

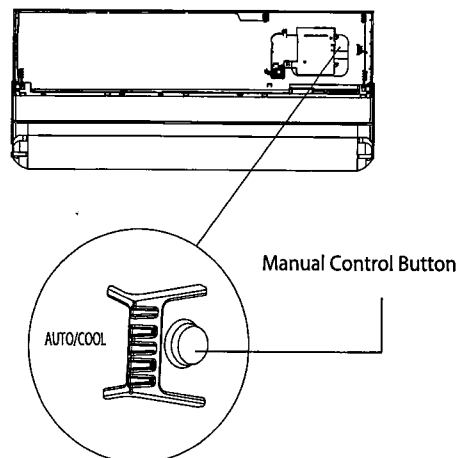
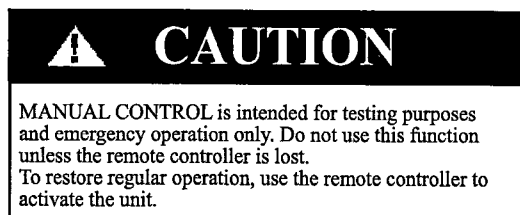


Fig. 6 — Manual Control Button

The set conditions of manual operation are as follows:

- Preset set point: 76°F (24°C)
- Fan speed: AUTO
- Discharge air direction: Pre-set position based on operation in "Cool" or "Heat" mode.



REMOTE CONTROL FUNCTIONS

Pressing ON/OFF

When the air conditioner is not in operation, the remote control displays the last set point and mode.

- Press **ON/OFF** to start the unit.
 - The unit starts in the last operating mode and set point. The **ON/OFF** indicator appears.
- Press **ON/OFF** to stop the unit.
 - All the indicator lights on the unit go out, and the remote control displays the set point and mode.

NOTE: If ON/OFF is pressed too soon after a stop, the compressor will not start for 3 to 4 minutes due to the inherent protection against frequent compressor cycling. The unit only emits an audible beep when the signals are received correctly.

Selecting an Operating Mode

Use **MODE** to select one of the available modes.



Fig. 7 —Operating Modes

AUTO Mode

In **AUTO** mode, the unit automatically selects the **COOL**, **FAN**, **HEAT** or **DRY** mode based on the set temperature.

1. Press **MODE** to select **AUTO** mode.
2. Set your desired temperature using Temp **+** or Temp **-**.
3. Press **ON/OFF** to start the unit.

NOTE: FAN SPEED can not be set in AUTO mode.

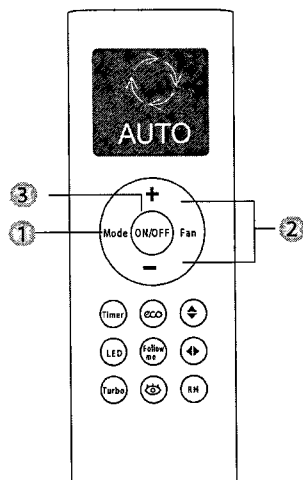


Fig. 8 —Auto Mode

COOL Mode

1. Press **MODE** to select the **COOL** mode.
2. Set your desired temperature using Temp **+** or Temp **-**.
3. Press **FAN** to select the fan speed in a range of Au%-F% (Auto to Full speed), in conjunction with Temp **+** or Temp **-**.
4. Press **ON/OFF** to start the unit.

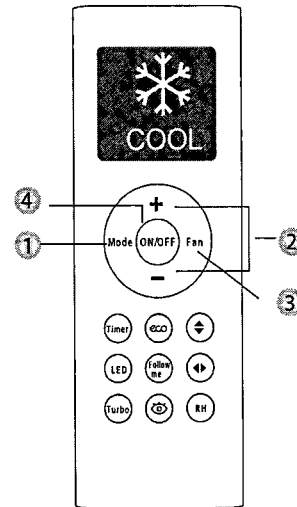


Fig. 9 —Cool Mode

DRY Mode (Dehumidifying)

1. Press **MODE** to select the **DRY** mode.
2. Set your desired temperature using Temp **+** or Temp **-**.
3. Set the desired room humidity using **RH** in a range of 35%~85%.
4. Press **ON/OFF** to start the unit.

NOTE: FAN SPEED can not be set in DRY mode.

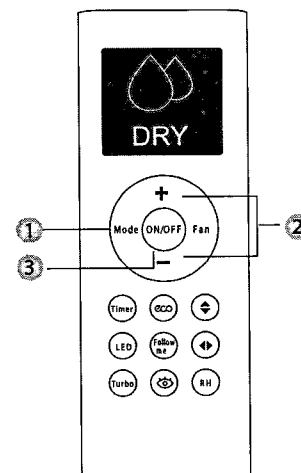


Fig. 10 —Dry Mode

Heat Mode

1. Press **MODE** to select the **HEAT** mode.
2. Set your desired temperature using Temp **+** or Temp **-**.
3. Press **FAN** to select a fan speed in a range of Au%-F% (Auto to Full speed), in conjunction with Temp **+** or Temp **-**.
4. Press **ON/OFF** to start the unit.

NOTE: As the outdoor temperature drops, the unit's **HEAT** function performance may be affected. In such instances, we recommend using this air conditioner in conjunction with an additional heating appliance.

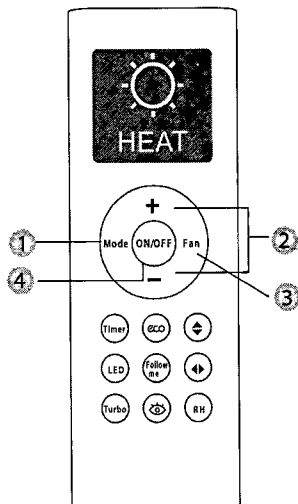


Fig. 11 —Heat Mode

FAN Mode

1. Press **MODE** to select the **FAN** mode.
2. Press **FAN** to select a fan speed in a range of Au%-F% (Auto to Full speed), in conjunction with Temp **+** or Temp **-**.
3. Press **ON/OFF** to start the unit.

NOTE: The temperature cannot be set while in **FAN** mode. As a result, the remote controls LCD screen will not display the temperature.

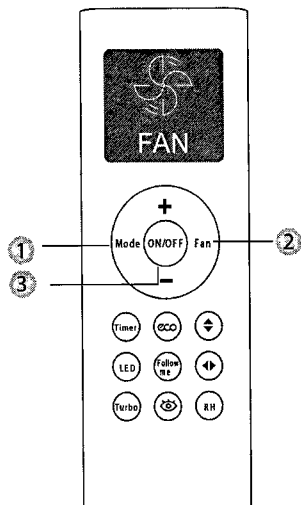


Fig. 12 —Fan Mode

NOTE: Do not move the louver by hand. This will set the louver out of sync. If this occurs, turn off the unit and unplug it for a few seconds, then restart the unit. This resets the louver.

Setting the Room Temperature Set Point

Press the increase temperature set point **+** and decrease **-** buttons to raise or lower the temperature. The unit confirms the signal receipt with a beep and the value of the set temperature appears on the display and changes accordingly. The temperature can be set between 62°F (17°C) and 86°F (30°C) in increments of 1°F or 1°C.

NOTE: In the **COOLING** mode, if the temperature selected is higher than the room temperature, the unit will not start. The same applies for the **HEATING** mode if the selected temperature is lower than the room temperature.

Selecting the Fan Speed

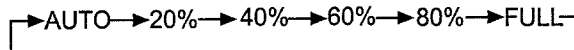


Fig. 13 —Fan Speeds

The fan speed can be selected by pressing **FAN**. Press Adjust **+** or **-** to increase/decrease the fan speed in 1% increments.

NOTE: When the unit is on, the fan runs continuously in **COOLING** or **HEATING**. When in the **HEATING** mode, there may be situations where the fan will slow down or shut off to prevent cold blow.

Up-Down Louver Position

While the unit is on, use **SWING ↓** (up-down airflow) to set the airflow direction.

1. Press **SWING ↓** (up-down airflow) on the remote control once to activate the louver. Each time you press **SWING ↓** the louver adjusts by 6 degrees. Press **SWING ↓** until the preferred direction is reached (see Fig. 14).

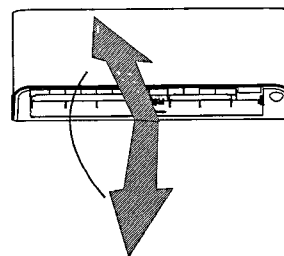


Fig. 14 —Up-Down Louver Position

2. To swing the louver up and down continuously, press and hold **SWING ↓** (up-down airflow) for 2 seconds. Press **SWING ↓** again to stop the automatic function.

Right - Left Louver Position

While the unit is on, press **SWING ↔** (right-left airflow) to set the airflow direction.

1. Press **SWING ↔** (right-left airflow) on the remote control once to activate the louver. Every time you press **SWING ↔** (right-left airflow), the louver adjusts by 6 degrees. Press **SWING ↔** until the preferred direction is reached (see Fig. 15).

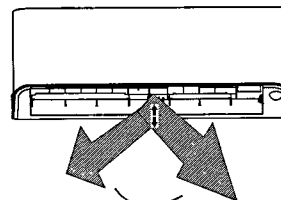


Fig. 15 —Right-Left Louver Positions

2. To swing the louver left and right continuously, press and hold **SWING ↔** (right-left airflow) for 2 seconds. Press again to stop the automatic function.