SAMSUNG

USER'S MANUAL

Wired Remote Control
MWR-VH01

ERV
(Energy Recovery Ventilator)

Safety Precautions

- *Before using the wired remote control, read this instructions carefully.*
- *After reading the instructions, keep this user's manual and installation manual in a handy and safe place for further reference.*
- *Never attempt to install or move the wired remote control by yourself.*

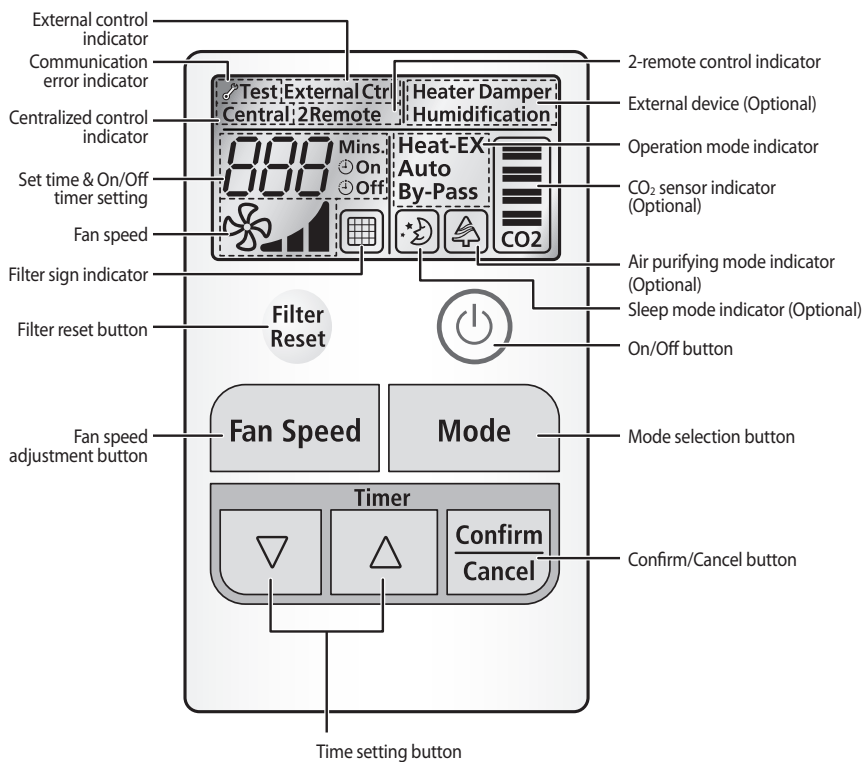| ⚠ WARNING	◆ Do not install the unit by yourself. Incorrect installation of the unit could cause injury due to fire, electric shock or water leakage. Consult a dealer or a qualified installer. ◆ Install the cables with supplied cables firmly. If the connection or fixing is incomplete, heat generation, electric shock or fire may occur. ◆ The first installation or reinstallation as well must be carried out by a licensed installer or qualified personnel. ◆ Install the unit in a place where it is strong enough to hold the product weight. If the unit is not installed securely, the unit may fall and it may cause injury. ◆ If strange noises, burning smell or smoke come from the product, disconnect the power supply immediately and consult an authorized service personnel. ◆ Do not attempt to repair, move, modify or reinstall the unit on your own. Make sure that these installations are carried out by qualified personnel to avoid electric shock or fire. ◆ Do not install the product in a place where it is exposed to inflammable gas leakage.
⚠ CAUTION	◆ Do not handle the wired remote control with wet hands. There is a risk of electric shock. ◆ Do not spray inflammable gas or insecticides on the product. It may cause fire or malfunction. ◆ Do not spill any kind of liquid into the product. If this happen, unplug or turn the main switch of the product off and contact an authorized service center. ◆ Do not use the product with other purpose. It is produced for ventilators only. ◆ Do not use substances such as benzene, thinner or alcohol to clean the surface of the product. ◆ Do not install the product in the place where exposed to sulfurous acid or steam because it may damage the parts or cause malfunction. ◆ Do not pull or bend the electric wires excessively. Electric shock or loss of property may occur. ◆ Do not press buttons with a pointed thing. ◆ Do not give a excessive shock to the product or disassemble it by yourself.

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                Cancel

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➢ When controlling multiple ventilators with one ERV wired remote control, the ERV wired remote control displays the status of one random ventilator only. If multiple ventilators are controlled by one ERV wired remote control only and an external controller is used to control one of the multiple ventilators, the ERV wired remote control will display the status of the randomly selected ventilator and it may differ from the status of some other ventilators.

Getting Started

You have just purchased an ERV wired remote control and it has been installed by your installation specialist.

Your User's Manual contains much valuable information on using your ERV wired remote control. Please take time to read it as it will help you take full advantage of the unit's features.

In this manual, you will find a series of step-by-step procedures for each function available.

The illustrations in the step-by-step procedures use 4 different symbols:

PRESS	PUSH	HOLD DOWN	Note

Selecting By-Pass Mode

Select the By-Pass mode when the indoor and outdoor temperatures are similar. It is recommended to operate your ventilator in this mode in Spring or Autumn.
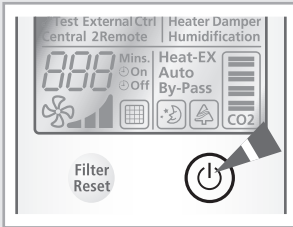
1 Press ⏻ (On/Off) button .

Result: ◆ The On/Off indicator on the ERV wired remote control comes on.

◆ The ventilator operates in the last selected mode.
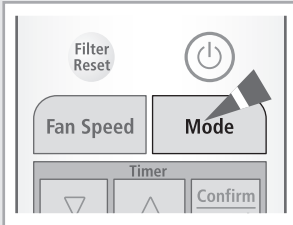
2 Press ⌈ Mode ⌉ button to select the **By-Pass** mode.

Result: The ventilator runs in By-Pass mode.

➢ You can change modes at any time.

3 Press ⌈Fan Speed⌉ button to adjust the fan speed :

    ⚘ Low
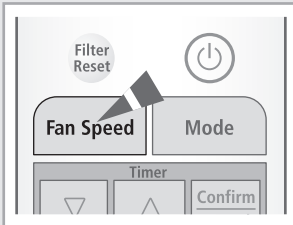
    ⚘ High

    ⚘ Turbo

Selecting Heat-EX Mode

*You can minimize the energy loss by selecting the Heat-EX mode.
While operating in the Heat-EX mode, the ventilator recovers the
discharged energy during cooling or heating your room.
It is recommended to operate the ventilator in this mode in
Summer or Winter.*

1 Press (On/Off) button .

   Result: ◆ The On/Off indicator on the ERV wired remote
control comes on.

   ◆ The ventilator operates in the last selected
mode.
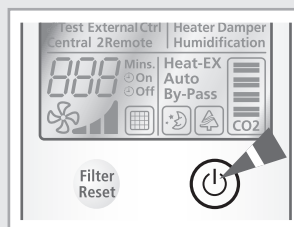
2 Press Mode button to select the **Heat-EX** mode.
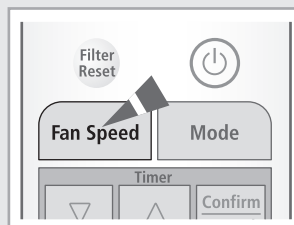
   Result: The ventilator runs in Heat-EX mode.

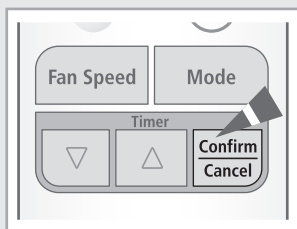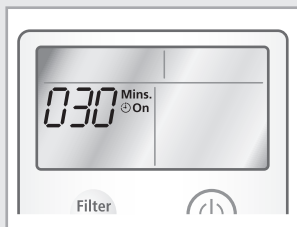   ➢ You can change modes at any time.
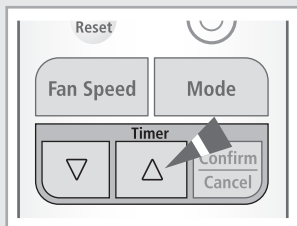
3 Press Fan Speed button to adjust the fan speed :

   Low
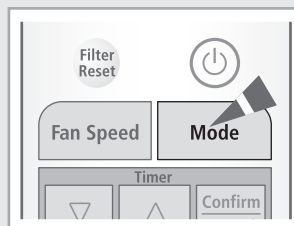
   High

   Turbo

Selecting On Timer

The On Timer enables you to switch on the ventilator automatically after a given period of time. You can set the period from 0 minute to 60 minutes. You can set the On Timer only when the ventilator is off.

1 Press ▽ △ buttons once to set the On Timer.

  Result: ⏱ **On** flickers when you press the button once.

2 Press ▽ △ buttons until the required time is displayed.

  Result: ◆ Each time you press the buttons, you can adjust the time by 1 minute from 0 to 60 minutes.

  ◆ By holding down ▽ △ buttons for more than 3 seconds, you can adjust the time by 10 minutes.

3 Press Confirm Cancel (Confirm/Cancel) button to complete the setting.

  Result: ◆ ⏱ **On** flickering stops and the remaining time is displayed.

  ◆ **Mins.** indicator turns on.
  If you do not press Confirm Cancel (Confirm/Cancel) button in 5 seconds after selecting the period, the On Timer is canceled automatically. Make sure that the **Mins.** indicator comes on.

➢ *To cancel the On Timer, press Confirm Cancel (Confirm/Cancel) button again.*

➢ *When controlling the ventilator by external control, the ventilator will turn on after the connected indoor unit has been turned on. If you do not cancel the On Timer, it will run continuously.*

Selecting Off Timer

The Off Timer enables you to switch off the ventilator automatically after a given period of time. You can set the period from 0 minute to 60 minutes. You can set the Off Timer only when the ventilator is on.
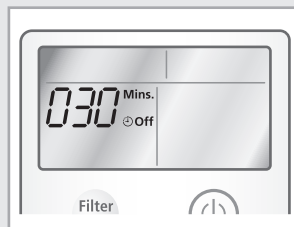
1 Press ▽ △ buttons to set the Off Timer.

   **Result:**   ⏱**Off** flickers when you press the button once.
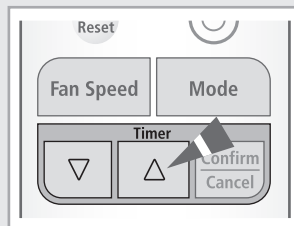
2 Press ▽ △ buttons until the required time is displayed.

    Result: ◆ Each time you press the buttons, you can adjust the time by 1 minute from 0 to 60 minutes.

             ◆ By holding down ▽ △ buttons for more than 3 seconds, you can adjust the time by 10 minutes.

3 Press ⸢Confirm/Cancel⸥ (Confirm/Cancel) button to complete the setting.

    Result: ◆ ⏱**Off** flickering stops and the remaining time is displayed.

             ◆ **Mins.** indicator turns on.
If you do not press the ⸢Confirm/Cancel⸥ (Confirm/Cancel) button in 5 seconds after selecting the period, the Off Timer is canceled automatically. Make sure that the **Mins.** indicator comes on.
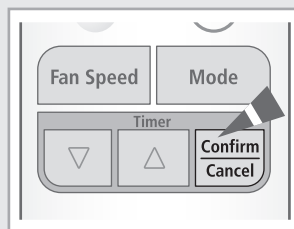
➢ *To cancel the Off Timer, press ⸢Confirm/Cancel⸥ (Confirm/Cancel) button again.*

➢ *When controlling the ventilator by external control, the ventilator will turn off after the connected indoor unit has been turned off. If you do not cancel the Off Timer, it will run continuously.*

Selecting Optional Operation Mode

You can select the Optional Operation Modes only after a qualified installer sets the operation modes. There are 3 Optional Operation Modes such as Auto Operation mode, Sleep mode and Air Purifying mode.
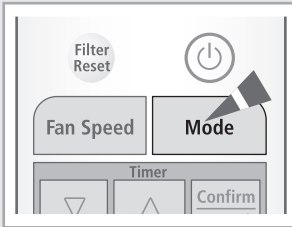
Press [Mode] botton.

Result: By-Pass Mode, Heat-EX Mode, Auto Operation Mode, Sleep Mode and Air Purifying Mode are selected in order.

➢ *You can use the Heater, Damper, Humidification and CO_2 Sensor only after installing the units.*

➢ *After installing the CO_2 Sensor, the fan speed is selected as Low-High-Turbo-Auto in order.*

Memo

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