

# Air conditioner

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## User manual

Wired remote controller MWR-WE13N

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- Thank you for purchasing this Samsung Product.
- Before operating this unit, please read this user manual carefully and retain it for future reference.



DB68-07604A-00

**SAMSUNG**

# Contents

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<b>Safety Information</b>	<b>4</b>
Safety Information	4
<b>At a Glance</b>	<b>6</b>
Remote Controller Overview	6
Display	
Buttons	
<b>Power Smart Features</b>	<b>11</b>
Remote Controller Operation	11
Operation modes	
Controlling temperature	
Controlling fan speed	
Controlling air flow direction	
Cooling Operation	13
Cool mode	
Wind-Free Cooling function	
Dehumidifying Operation	15
Dry mode	
Air Purifying Operation	16
S-Plasma Ion function	
Heating Operation	17
Heat mode	
Quick Smart Features	18
Auto mode	
Fan mode	
Indoor temperature checking function	
Blade selection function	
Quiet and Sleep function	
Outdoor air intake and Humidity function	
Long reach function	
Clean function	

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<b>Motion Detection Feature</b>	<b>23</b>
Indirect function with Motion detection feature	
Direct function with the Motion detection feature	
<b>Ventilator (ERV)</b>	<b>24</b>
<b>Ventilation (ERV) Operation</b>	<b>24</b>
Operation modes	
Controlling the fan speed	
Energy-Saving function	
Clean Up function	
S-Plasma Ion function	
External Interconnection Control	
Range Hood Interconnection Control	
<b>Advanced Features</b>	<b>28</b>
<b>Schedule Setting</b>	<b>28</b>
Weekly Schedule Setting	
Setting Holidays during the Weekly Schedule	
Canceling a Weekly Schedule	
Initializing a Weekly Schedule	
<b>User Set Function</b>	<b>34</b>
<b>Setting Additional User Functions</b>	<b>34</b>
How to Set the Additional User Functions	
Current Time Setting (Example)	

The lowest set temperature is limited to 20 degree in the UAE according to UAE.S 5010-5:2016.

# Safety Information

This content is intended to protect the user's safety and prevent property damage. Please read it carefully for correct use of the product.

## WARNING

Hazards or unsafe practices that may result in severe personal injury or death.

## CAUTION

Hazards or unsafe practices that may result in minor personal injury or property damage.



Follow directions.



Do NOT attempt.



Make sure the machine is grounded to prevent electric shock.



Unplug the appliance.



Do NOT disassemble.

## FOR INSTALLATION

### WARNING



**The installation of this appliance must be performed by a qualified technician or service company.**

- Failing to do so may result in electric shock, fire, explosion, problems with the product, or injury.

**You must connect the product with rated power upon installation.**

- Failing to do so may result in problems with the product, electric shock, or fire.



**Do not install this appliance near a heater, inflammable material. Do not install this appliance in a humid, oily or dusty location, in a location exposed to direct sunlight and water (rain drops). Do not install this appliance in a location where gas may leak.**

- Failing to do so may result in electric shock or fire.



### CAUTION



**Install the product on a hard and even place that can support its weight.**

- If the place cannot support its weight, the product may fall down and it may cause product damage.

## FOR POWER SUPPLY

### WARNING



**Do not bend or pull the power cord excessively. Do not twist or tie up the power cord.**

- Failing to do so may result in electric shock or fire.

## FOR OPERATION



### WARNING



If the appliance generates a strange noise, a burning smell or smoke, unplug the product immediately and contact your nearest service centre.

- Failing to do so may result in electric shock or fire.

**To reinstall the air conditioner, please contact your nearest service centre.**

- Failing to do so may result in problems with the product, water leakage, electric shock, or fire.
- A delivery service for the product is not provided. If you reinstall the product in another location, additional construction expenses and an installation fee will be charged.

**If the malfunction diagnosis indicator appears or malfunctions, then stop operation immediately.**

- If you detect any burning smells from the product or it malfunctions, then immediately turn off the air conditioner/Ventilator(ERV) and power, and then contact the service centre. Continuing to use the device in this state can cause electrical shock, fire, or damage to the product.
- If the E836 indicator appears, then it means that it is time to contact the service center for periodic inspection. Neglecting these periodic inspections can result in malfunctions (only applicable to GHP model).



**Do not attempt to repair, disassemble, or modify the product yourself.**

- Failing to do so may result in electric shock, fire, product malfunction, or injury.



### CAUTION



**Do not allow water to enter the product.**

- Failing to do so may result in fire or explosion.



**Do not operate the product with wet hands.**

- Failing to do so may result in electric shock.

**Do not spray volatile material such as insecticide onto the surface of the product.**

- As well as being harmful to humans, it may also result in electric shock, fire, or product malfunction.

**Do not give a strong impact to the product and do not disassemble the product.**

**Do not use this product for other purposes.**

- This product is designed to be used only for a system air conditioner.

**Do not press the buttons with any sharp objects.**

- Failing to do so may result in electric shock or part damage.

## FOR CLEANING



### WARNING



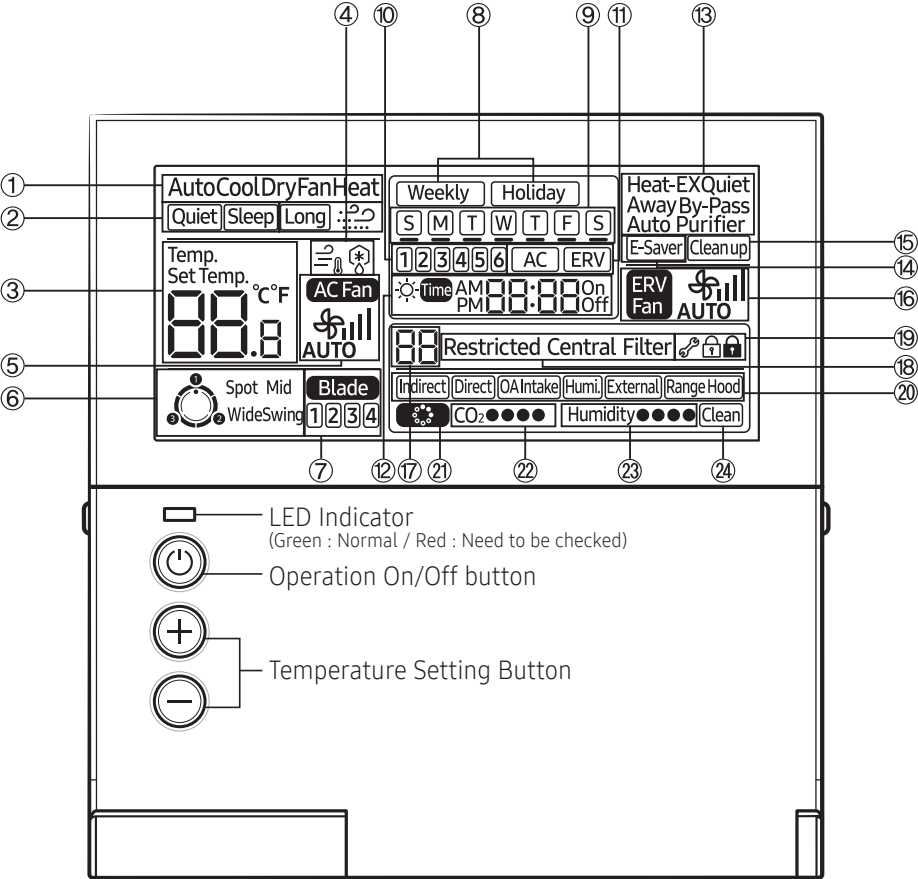
**Do not clean the product by spraying water directly onto it. Do not use benzene, thinner, alcohol or acetone to clean the product.**

- Failing to do so may result in discoloration, deformation, damage, electric shock, or fire.

# Remote Controller Overview

## Display

A  
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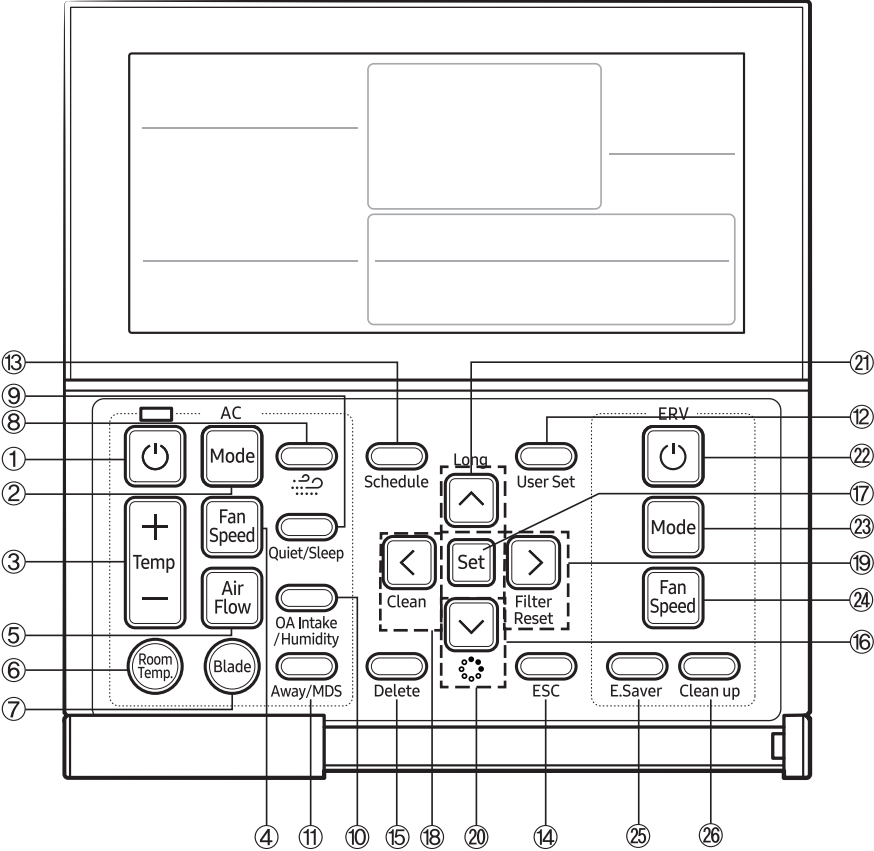
### NOTE

- Without opening the cover of your wired remote controller, you can turn the air-conditioner power on/off or set the desired temperature.




















Classification		Indication	Function
Air Conditioner Related Information	①	AutoCoolDryFanHeat	Displays air conditioner operation
	②	Quiet Sleep Long	Displays Quiet/Sleep/Long/Wind-Free Cooling operation
	③	Temp. Set Temp. 	Displays indoor temperature/ set temperature
	④		Displays discharge temperature control/defrosting operation
	⑤	AC Fan  AUTO	Displays AC fan speed
	⑥	Spot Mid WideSwing	Displays air flow directions
	⑦	Blade 1 2 3 4	Displays blade selection
Schedule related information	⑧	Weekly Holiday	Weekly schedule/Holiday setting displays
	⑨	S M T W T F S	Displays current day(□) or scheduled day( _ )
	⑩	1 2 3 4 5 6	Displays scheduled number
	⑪	AC ERV	Displays scheduled device selection
	⑫	Time AM 88:88 On Off	Displays current time/summer time/scheduled time
Ventilator (ERV) related information	⑬	Heat-EXQuiet Away By-Pass Auto Purifier	Displays ventilator (ERV) operation
	⑭	E-Saver	Displays Energy Saving Operation
	⑮	Clean up	Displays Clean up
	⑯	ERV Fan  AUTO	Displays ventilator (ERV) fan speed
Common function related information	⑰	88	Displays remaining time of the auto stop time/ERV delay time – Solid: Hour unit, Blinking: Minute unit Displays Demand Response Mode during a Demand Response Event :  1, 2, 3 (It is applicable to some models for Australia only.)
	⑱	Restricted Central Filter	Displays invalid operation/central control/filter cleaning (filter cleaning period)
	⑲		Displays check/partial locking/full locking
	⑳	Indirect Direct OA Intake Humi External Range Hood	Displays Indirect/Direct/Outdoor air supply intake/ Humidifying/External interconnection control/Range hood
	㉑	●●●●	Displays S-Plasma Ion operation/Air purity level
	㉒	CO <sub>2</sub> ●●●●	Displays indoor CO <sub>2</sub> density
	㉓	Humidity ●●●●	Displays indoor humidity
	㉔	Clean	Displays Clean operation

# Remote Controller Overview

## Buttons








Classification	Button	Function	
Air conditioner related information	① 	Operation On/Off button	Turns the air conditioner power On/Off
	② 	Mode button	Selects the desired air conditioner operation
	③ 	Temperature setting button	Sets the desired temperature
	④ 	Fan speed button	Changes the air conditioner's fan speed
	⑤ 	Air Flow button	Changes the air flow direction
	⑥ 	Room temperature button	Checks the indoor temperature
	⑦ 	Blade button	Selects a blade for individual control
	⑧ 	Wind-Free button	Selects Wind-Free Cooling operation
	⑨ 	Quiet/Sleep button	Selects Quiet or Sleep operation for the air conditioner
	⑩ 	Outdoor air intake/ Humidity button	Selects the MINI AHU indoor unit Outdoor intake function/ turns MINI AHU indoor unit humidifying function On/Off
	⑪ 	Away / Motion detect sensor button	Selects when you want the Indirect/Direct function to operate by detecting people in the room, or the air conditioner to turn on or off automatically.
Common function related information	⑫ 	User Set button	Selects the detailed setting function
	⑬ 	Schedule Button	Selects the schedule setting function
	⑭ 	ESC button	Returns to general mode from schedule and detailed setting screens
	⑮ 	Delete button	Cancels the schedule setting
	⑯ 	Directional buttons	Moves between items or change the item value
	⑰ 	Set button	Saves your new settings
	⑱ 	Clean button	Selects Clean operation
	⑲ 	Filter Reset button	Turns off the filter cleaning displays (filter using time reset)

# Remote Controller Overview

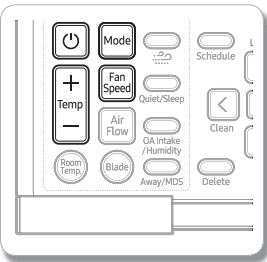
Classification		Button	Function	
Common function related information	㉔		S-Plasma Ion button	Selects S-Plasma Ion function
	㉕		Long button	Selects Long reach function
Ventilator (ERV) related buttons	㉖		Operation On/Off button	Turns the Ventilator(ERV) On/Off
	㉗		Mode button	Selects the desired operation for the Ventilator (ERV)
	㉘		Fan Speed button	Changes the fan speed for your Ventilator (ERV)
	㉙		E.Saver button	Starts Energy-Saving Operation
	㉚		Clean up button	Selects air purification through the in/out load controls

## NOTE

- Some functions may not be available, depending on the indoor unit specifications.
- After cleaning the filter, please press the  button. The **Filter** indicator will turn off, and it will be turned on again upon the next cleaning period.
- If you press a functional button not supported by the indoor unit, then the **Restricted** indicator will turn on.
- If the temperature display setting is set to indoor temperature and you press the  button, the **Restricted** indicator appears. (When you install the wired remote controller, the setting is available.)
- If you press the  when your Ventilator(ERV) is connected to a wired remote controller, then the air conditioner and the Ventilator(ERV) might operate or stop at the same time or only the air conditioner might operate or stop.  
The factory setting is set to simultaneous operation/stop. (When you install the wired remote controller, the setting is available.)
- Although the air conditioner and the Ventilator (ERV) are set to simultaneous operation/stop, you can individually control the air conditioner and the Ventilator (ERV) by using another controller (e.g. wireless remote controller, central controller) except for a wired remote controller.

# Remote Controller Operation

You can use the air conditioner easily by selecting a mode and then by controlling the temperature, fan speed, and air flow direction.



## Operation modes

You can change the current mode between Auto, Cool, Dry, Fan, and Heat by pressing the **Mode** button.

## Controlling temperature

You can control the temperature in each mode as follows:









Mode	Temperature control
Auto/Cool/Dry	Adjust by 1 °C (1 °F) between 18 °C (65 °F) and 30 °C (86 °F).
Fan	You cannot control the temperature.
Heat	Adjust by 1 °C (1 °F) between 16 °C (61 °F) and 30 °C (86 °F).

### NOTE

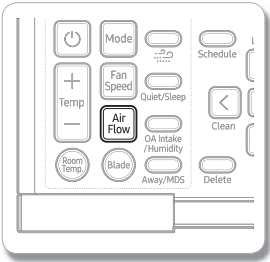
- The set temperature range available on the remote controller may change depending on the set temperature range that indoor unit supports.

## Controlling fan speed

You can select the following fan speeds in each mode:

Mode	Available fan speeds
Auto/Dry	 <b>AUTO</b> (Auto)
Cool/Heat	 (Low),  (Med),  (High),  <b>AUTO</b> (Auto)
Fan	 (Low),  (Med),  (High)

# Remote Controller Operation







## Controlling air flow direction

You can control air flow direction.

In operation ▶





- For the Indoor units that does not support air flow direction control
  - When you press the  button, the air flow blades move up and down. When the air flow blade reaches the desired position, press the  button again to set the air flow direction.
- For 360-cassette indoor unit

Mode	Spot	Mid	Wide	Swing
Wired remote controller display	Spot	Mid	Wide	Swing
Indoor unit indicator				

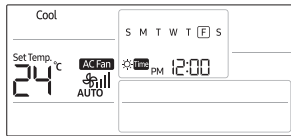
- Some models may not display icons for the air flow directions of the wired remote controller.
- If 360-cassette indoor units and other indoor units are installed together, the air flow direction does not change on the indoor units other than 360-cassette when **Spot**, **Mid**, or **Wide** is started as the air flow direction.

### NOTE

- You can change the air flow direction by pressing the  button.
- The current air flow direction persists even if you change the current mode, or turn off and then turn on the remote controller.
- Duct-type indoor units cannot adjust air flow direction although the  button is pressed, but the **Restricted** is displayed instead.

# Cooling Operation

The smart and powerful cooling functions of the Samsung air conditioner keep an enclosed space cool and comfortable.



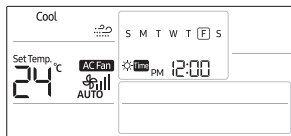
## Cool mode

Use the Cool mode to stay cool in hot weather.



### NOTE

- For comfort, keep the temperature difference between the indoor and outdoor air within 5 °C (9 °F) in the Cool mode.
- To cool your room quickly, select a low temperature and a high fan speed.
- To save energy, select a high temperature and a low fan speed.
- As the indoor temperature approaches the set temperature, the compressor will operate at a low speed to save energy.




## Wind-Free Cooling function

Use the Wind-Free Cooling function to enjoy mild cool breeze exuding from fine holes on the Wind-Free panel with the air flow blade closed, instead of getting cool wind directly. The automated control of the temperature and fan speed according to the indoor temperatures keeps your room cool and pleasant.

In the Cool, Dry,  
or Fan mode



### NOTE

- To cancel this function, press the  button again.
- If the Wind-Free Cooling function is cancelled, the air conditioner returns to the original fan speed.
- You can adjust the set temperature during the Wind-Free Cooling function, and recommended set temperatures are 24 to 26 °C (75 to 79 °F). However, you cannot change the set temperature in the Fan mode.
- You can use the Wind-Free Cooling function when the Cool, Dry, or Fan mode is running.
- If the room temperature goes high because of rise of external temperature, heat from cooking, or other reason, operate the Wind-Free Cooling function after operating in the Cool mode.

# Cooling Operation

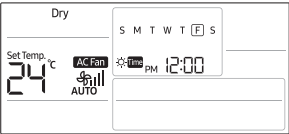
- If you select the Wind-Free Cooling function in the Fan mode, the compressor stops working so that cool air does not come out. However, mild breeze comes out and starts to clean the air in the room.
- During the Wind-Free Cooling operation, the cold air may be intermittently weakened depending on the temperature and humidity in the room. But the Wind-Free air currents are maintained and the weakened cold air is immediately recovered, consequently keeping the room comfortable. (During the Wind-Free Cooling operation, the air flow blades may open to control the indoor air currents smoothly, depending on the installation settings. In this case, as soon as the indoor temperature and humidity change, the air flow blades are closed and the Wind-Free Cooling operation restarts. For more information on the installation settings, see "Setting the indoor unit addresses and the installation options" in the installation manual of the indoor unit.)

Change of the air flow blade by temperature and humidity			
Indoor temperature and humidity	Low	High	
	Breeze is blown via the micro holes on the air flow blades	Breeze is blown via the micro holes on the air flow blades	Breeze comes from the air flow blade depending on the setting
Air flow blade	Closed	Closed (default)	Opened (according to setting)

- When the Wind-Free Cooling function runs while sleeping, you may feel cold air if the air conditioner is installed over the bed. In this case, set the desired temperature higher than the normal setting temperature.

# Dehumidifying Operation

The dehumidifying function of the Samsung air conditioner keeps an enclosed space dry and comfortable.



## Dry mode

Use the Dry mode in rainy or humid weather.

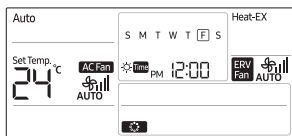


### NOTE

- You cannot change fan speed in the Dry mode.
- The greater the difference between the set temperature and the current temperature is, the greater the amount of air that is dehumidified is.

# Air Purifying Operation

The air purification function of the Samsung air conditioner keeps the air in an enclosed space purified.





## S-Plasma Ion function

Use the S-Plasma Ion function to purify your room with negative ions produced by the air conditioner. This function is available in the Auto, Cool, Dry, Fan, and Heat modes.

In the Auto, Cool, Dry, Fan,  
or Heat mode



### NOTE

- For a purification panel, dust collection is operated.
- To cancel the S-Plasma Ion function, press the  button again.
- When the S-Plasma Ion function is additionally selected in the Fan mode, you cannot change the set temperature.
- When the S-Plasma Ion function is additionally selected while a specific mode is running, there is little difference in electricity consumption and operating noise.
- When the indoor unit is turned off, or the S-Plasma Ion function is not supported, **Restricted** indicator is displayed when you press the  button.
- For the ventilator (ERV), the button does not work. However, the indicator is displayed on the remote controller display when S-Plasma Ion is installed in the ventilator (ERV).

### Air purity level indications

- The indications are displayed only on the models that support the air purity level display function.
- The air purity is indicated in the following 4 levels (specified by Samsung):

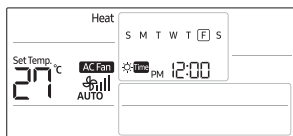
Good	Normal	Bad	Very bad
●	●●	●●●	●●●●

- Air purity level may not be displayed depending on the indoor unit's specification.



# Heating Operation

The heating functions of the Samsung air conditioner keep an enclosed space warm and comfortable.



## Heat mode

Use the Heat mode to stay warm.

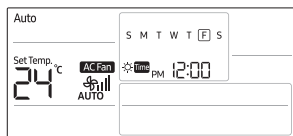


### NOTE

- While the air conditioner warms up, the fan may not operate for a while at the beginning to prevent cold wind.
- If the outdoor temperature is low and the humidity is high while the Heat mode is running, the heating performance of the air conditioner may decrease due to frost and ice that formed on the outdoor heat exchanger. When this condition happens, the air conditioner runs the defrost function for about 5 to 12 minutes to remove the frost and ice, and water steam is released from the outdoor unit.
- While the defrost function is running, the indoor unit provides no breeze to prevent cold wind.
- The operation time of the defrost function varies depending on the amount of the frost and ice and the humidity.
- While the defrost function is running, none of other functions will work, even if you select them on the remote controller.

# Quick Smart Features

There is a variety of useful functionality provided by the Samsung air conditioner.



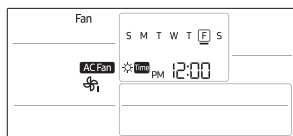
## Auto mode

Use the Auto mode when you want the air conditioner to automatically control the mode (Heat or Cool). The air conditioner will provide the most comfortable atmosphere that it can.



### NOTE

- You cannot change the fan speed.
- While the Cool mode is running, the air conditioner produces a strong cold air if there is a large difference between the set temperature and the current temperature. When the temperature difference becomes small, the air conditioner automatically changes the air flow direction and keeps the room at a comfortable temperature.



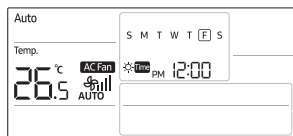
## Fan mode

Use the Fan mode to run the air conditioner like a common fan. The air conditioner provides a natural breeze.



### NOTE

- If the air conditioner will not be used for an extended period of time, dry the air conditioner by running it in the Fan mode for 3 or 4 hours.




## Indoor temperature checking function

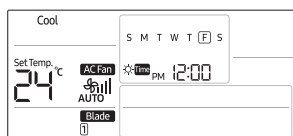
Use this function to check the current indoor temperature.

In operation ▶



### NOTE

- 3 seconds after displaying the indoor temperature, the set temperature appears.
- Indoor unit temperature is displayed by 0.5 °C units.
- Depending on the installation location of your wired remote controller, the current indoor temperature can be different.
- If the temperature display setting is set to indoor temperature and you press the  button, then the **Restricted** indicator appears.



## Blade selection function

Use the individual air-flow-direction control function to individually control the air flow directions of the air outlets.

In operation ▶




▶

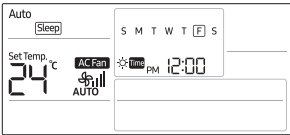
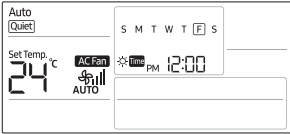


- Each time you press the  button, it will toggle between 1 2 3 4 → 1 → 2 → 3 → 4.

### NOTE

- Depending on the individual setting, a different blade could be selected.
- The blade that can be selected may differ depending on the model.
- If the indoor unit is turned off or does not support the Blade selection function, the **Restricted** indicator appears when you press the  button.

# Quick Smart Features




## Quiet and Sleep function

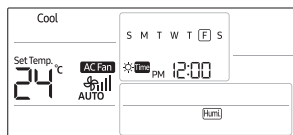
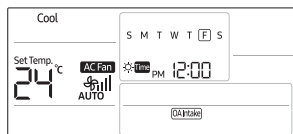
Quiet function reduces noise of the operation and with sleeping operation you can have the air conditioner turn off automatically after six hours without stopping the operation in the middle of the night.

In operation ►  Quiet/Sleep

For the air conditioner that has both the Quiet and Sleep functions:	
Auto	Quiet → Cancel is repeated.
Cool	Quiet → Sleep → Quiet/Sleep → Cancel is repeated.
Dry	Quiet → Cancel is repeated.
Fan	Restricted indicator appears.
Heat	Quiet → Sleep → Quiet/Sleep → Cancel is repeated.
For the air conditioner that has the Quiet function only:	
Auto	Quiet → Cancel is repeated.
Cool	Quiet → Cancel is repeated.
Dry	Quiet → Cancel is repeated.
Fan	Restricted indicator appears.
Heat	Quiet → Cancel is repeated.
For the air conditioner that has the Sleep function only:	
Auto	Restricted indicator appears.
Cool	Sleep → Cancel is repeated.
Dry	Restricted indicator appears.
Fan	Restricted indicator appears.
Heat	Sleep → Cancel is repeated.

### NOTE

- If the indoor unit does not support the Quiet and Sleep functions, the **Restricted** indicator appears when you press the  button.



## Outdoor air intake and Humidity function

When a wired remote controller is connected to the MINI AHU indoor unit, you can use the Outdoor air intake or Humidity function of the MINI AHU indoor unit.

In operation ► 

**For the air conditioner that has both the Outdoor air intake and Humidity functions:**

Outdoor air intake → Humidity → Outdoor air intake/Humidity → Cancel is repeated.


**For the air conditioner that has the Outdoor air intake function only:**

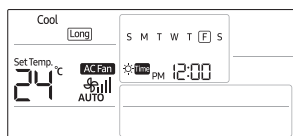
Outdoor air intake → Cancel is repeated.

**For the air conditioner that has the Humidity function only:**

Humidity → Cancel is repeated.


### NOTE

- If the indoor unit is turned off or does not support the Outdoor air intake function and Humidity function, the **Restricted** indicator appears when you press the  button.





## Long reach function

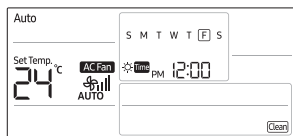
Use the Long reach function to deliver strong air flow that quickly reaches a far distance.

In the Cool, Dry, or Fan mode ► 

### NOTE

- To cancel this function, press the  button again.
- You cannot change the fan speed.
- If the indoor unit is turned off or does not support the Long reach function, the **Restricted** indicator appears when you press the  button.

# Quick Smart Features




## Clean function

Use the Clean function to remove moisture from the inside of the air conditioner for preventing propagation of fungi, bacteria, etc.

In operation ►

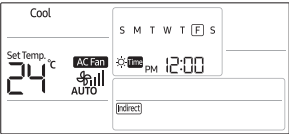


### NOTE

- Depending on the condition of the indoor unit, the Clean operation stops after running for 30 seconds to 20 minutes.
- To cancel this function, press the  button again.
- When the Clean function is set, the Timer LED on the indoor unit blinks 3 times for 3 seconds (OFF → ON → OFF → ON → OFF → ON → OFF → returns to the previous state). When the Clean function is cancelled, the Timer LED on the indoor unit blinks once for 1 second (OFF → ON → OFF → returns to the previous state).
- If you turn on the air conditioner and then turn it off within 20 seconds, the Clean function does not operate.
- When the air conditioner is turned off, the Clean function operates immediately. When it is turned on, the Clean function operates after it is stopped.
- Once the Clean function is started, it automatically continues to operate until it is cancelled.
- When the Clean function is set, **Clean** is displayed on the wired remote controller display even when the air conditioner is turned off.

# Motion Detection Feature

To use the Motion detection feature, the air conditioner must be equipped with a Motion Detection Kit, which is sold separately. If the Motion Detection Kit is already installed, the motion detection feature must be enabled so that it can operate normally. (For more information, refer to the Motion Detection Kit manual.) When **Direct** or **Indirect** is displayed on the remote controller display, the Motion detection feature changes the air conditioner to energy-saving mode if there are no people in the room.



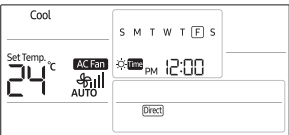
## Indirect function with Motion detection feature

Use the Indirect function to get an indirect wind so that you can feel comfortable. When this function is turned on, the air conditioner detects people and blows air indirectly around them.

In the Cool or Heat mode  Press once.

### NOTE

- When the Indirect function is set simultaneously with the Auto, Dry, Fan, Wind-Free Cooling, Quiet, or Long reach function, **Indirect** is displayed on the remote controller display but this function does not operate.



## Direct function with the Motion detection feature

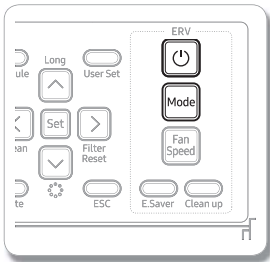
Use the Direct function to get a direct wind so that you can feel comfortable. When this function is turned on, the air conditioner detects people and blows air directly toward them.

In the Cool or Heat mode  Press twice.

### NOTE

- When the Direct function is set simultaneously with the Auto, Dry, Fan, Wind-Free Cooling, Quiet, or Long reach function, **Direct** is displayed on the remote controller display but this function does not operate.
- The Direct function is not supported by MCR-SMA model.

# Ventilation (ERV) Operation



## Operation modes

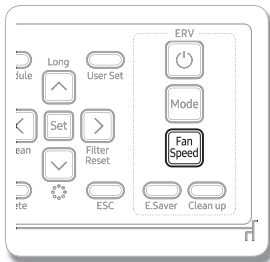


- Only when you select all the options of ventilator (ERV), you can use the following operation mode: (Available the wired remote controller is installed)

Mode	Description	Display
Heat-EX	Energy loss is minimized by recovering energy exhausted when indoor heating or cooling.	
Quiet	Reduce the noise generated from Ventilator (ERV) operation.	
Away	This function allows you to operate the Ventilator (ERV) while you are away from home. <ul style="list-style-type: none"><li>If the operational status is changed by another controller, the Away Operation is canceled.</li></ul>	
By-Pass	This activates the intake of external air so that it comes indoors.	
Auto	This can be automatically adjusted depending on the degree of pollution in your indoor air.	
Purifier	This cleans and purifies your air. You can use this function after connecting the Ventilator (ERV) to the IAQ.	



Mode	Description	Display
Heat-EX/ Purifier	This can simultaneously operate the Heat-EX mode with Purifier mode.	
By-Pass/ Purifier	This function can clean the air through an intake of fresh external air.	
Auto/ Purifier	This function can automatically perform Ventilator (ERV) and cleaning at the same time.	



## Controlling the fan speed

You can select the following fan speeds in each mode:

Heat-EX	High (High) > Turbo > Low
Quiet	You cannot change the fan speed.
Away	Low
By-Pass	High (High) > Turbo > Low
Auto	High (High) > Turbo > Low
Purifier	High (High) > Turbo > AUTO (Auto) > Low
Heat-EX/Purifier	High (High) > Turbo > Low
By-Pass/Purifier	High (High) > Turbo > Low
Auto/Purifier	High (High) > Turbo > Low

- ※ After installing a CO<sub>2</sub> sensor in your Ventilator(ERV), you can select from High (High) > Turbo > AUTO (Auto) > Low. (Exception: Quiet Operation, Away Operation)

# Ventilation (ERV) Operation



## Energy-Saving function


Reduce your power consumption and save money on your electric bill.

In operation



- When the ventilator (ERV) and the air conditioner is connected together
  - This function compares the outdoor and indoor temperatures, and then automatically selects Heat-EX operation or By-Pass operation.
- When the ventilator (ERV) is installed individually (Setting On/Off alternating operation)
  - The ventilator (ERV) will turn On and Off in Quiet (Low) mode every 30 minutes.
- When the ventilator (ERV) is installed individually (Setting outdoor air cooling operation for different temperature setting)
  - Temperature can be adjusted with Temperature setting button. Either Heat-EX or By-Pass mode is selected and operate depending on the set temperature.

### NOTE

- To cancel this function, press the  button again.
- Energy-Saving function may not activate when central control, external control, or a range hood is used.
- When the air conditioner is connected individually, Energy-Saving function is not available.





## Clean Up function

Prevent odor and dust from getting in to the area where you are by making the airflow input bigger than the airflow output.

In operation



### NOTE

- To cancel this function, press the  button again.
- If the ventilator (ERV) is turned off or does not support the Clean Up function, the **Restricted** indicator appears when you press the  button.




## S-Plasma Ion function

Use the S-Plasma Ion function to purify your room with negative ions produced by the ventilator(ERV).

In operation ►



### NOTE

- If the S-Plasma Ion function is installed in your ventilator(ERV) or indoor unit, then  is displayed and the S-Plasma Ion function will begin operation.



## External Interconnection Control

When connecting an ventilator(ERV) to the indoor unit of the air conditioner, you can turn your ventilator(ERV) on or off depending on whether the indoor unit's on or off.

### NOTE

- Even during the external controls, you can use your remote controller to control ventilator(ERV).



## Range Hood Interconnection Control

When the ventilator(ERV) or MINI AHU indoor operates in another mode, it is indicated if the Range Hood interconnection is achieved.

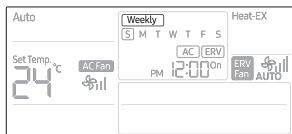
### NOTE

- If you change operation during Range Hood interconnection, the newly selected operation appears on the remote controller display.
- You cannot control the Range Hood with your remote controller.

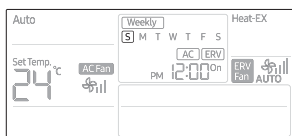
# Schedule Setting

## Weekly Schedule Setting

You can select a day and time to start and stop operation.



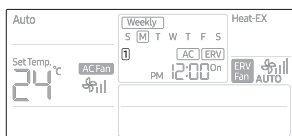
- 1 Press the **Schedule** button.
  - (Timer) is displayed. At that time, press the [^]/[v] buttons to select 'Weekly' from the option of 'Weekly' and 'Holiday'.



- 2 Press the [>] button and select the 'Day' for your schedule.
  - You can press the [^]/[v] buttons to select a scheduled day (Sun~Sat).

### NOTE

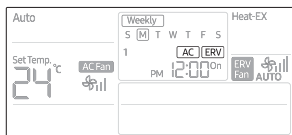
- You can select many days for multiple schedules. In this case, you should directly move to "Schedule Device" selection without selecting a schedule number.



- 3 Until your reservation number is displayed, press the [>] button to select a "Schedule Number."
  - Press the [^]/[v] buttons to select a Schedule Number (1~6).
  - If no schedule is chosen, then the edge of the box for the schedule number and the schedule number will blink.

### NOTE

- If the schedule is already set, then the square boxes surrounding the schedule number will blink. If you want to change it, then select a schedule number.

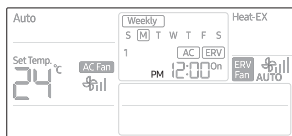


- 4 Press the [>] button and select 'Schedule Device.'
  - Press the [^]/[v] buttons repeatedly to select a device setting from among Air Conditioner + Ventilator (ERV), Air Conditioner, or Ventilator (ERV).
  - You can only select a Schedule Device that is connected.

### NOTE

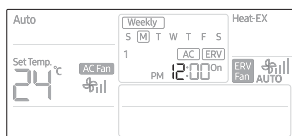
- Refer to the table below for the setting order according to the option of schedule device.

Classification	Setting order
Air-conditioner + Ventilator (ERV)	5 → 6 → ... → 15
Air-conditioner	5 → 6 → ... → 11 → 14 → 15
Ventilator (ERV)	5 → ... → 8 → 12 → ... → 15



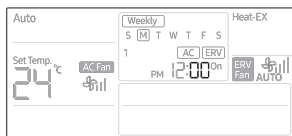
5 After pressing the [➤] button, select 'AM/PM.'

- Press the [↖]/[↗] buttons to select AM or PM for the time.



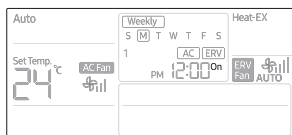
6 After pressing the [➤] button, select the 'Hour.'

- Press the [↖]/[↗] button to select the hour setting for the time.



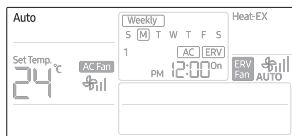
7 After pressing the [➤] button, select the 'Minute.'

- Press the [↖]/[↗] button to select the minute setting for the time.



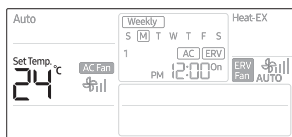
8 After pressing the [➤] button, select the "On/Off" schedule.

- Press the [↖]/[↗] buttons repeatedly to select either On or Off.
- If you select 'Off', follow 14 → 15.



9 After pressing the [➤] button, select the Air Conditioner Related Operation Mode.

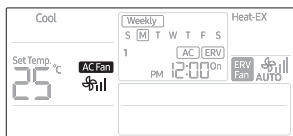
- You can only use this for air conditioner on-operation scheduling.
- Press the [↖]/[↗] buttons repeatedly to select from (Auto) ▷ (Cool) ▷ (Dry) ▷ (Fan) ▷ (Heat) operation. Depending on the option setting, automatic or heating operation sometimes cannot be selected. (When you install the wired remote controller, the setting is available.)



10 Press the [➤] button and select the desired temperature.

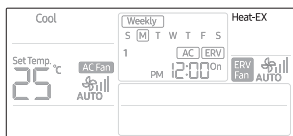
- You can only use this for air conditioner on-operation scheduling.
- Press the [↖]/[↗] buttons repeatedly to set the temperature by 1 °C (1 °F). If fan operation is selected, you can't set the desired temperature.

# Schedule Setting



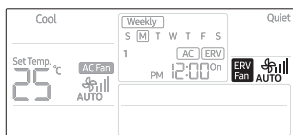
11 After pressing the [➤] button, select a fan speed.

- You can only use this for air conditioner on-operation scheduling or when the operational mode is in Cool/Fan/Heat.
- Press the [^]/[v] buttons repeatedly to toggle the fan speed in order of (Low) ➤ (Medium) ➤ (High) ➤ (Auto). If Auto operation or Dry operation is selected, then you can't set the fan speed.



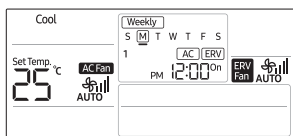
12 After pressing the [➤] button, select the ventilator (ERV) related operation mode.

- You can only use this for Heat-EX on-operation scheduling.
- Press the [^]/[v] button, select the ERV related operation mode: (Heat-EX) ➤ (Quiet) ➤ (Away) ➤ (By-Pass) ➤ (Auto) ➤ (Purifier) ➤ (Heat-EX / Purifier) ➤ (By-Pass / Purifier) ➤ (Auto / Purifier)



13 After pressing the [➤] button, select a fan speed for ventilator (ERV).

- You can only use this for Heat-EX on-operation scheduling.
- Press the [^]/[v] buttons repeatedly to set the fan speed, in order of (High) ➤ (Turbo) ➤ (Medium).



14 Press the **Set** button to complete the weekly schedules.

- '\_' is displayed for the selected day, and it is saved in three seconds. [e.g. when Monday is reserved (M)]
- If you need to make additional schedules, start again from the weekly and holiday screen.

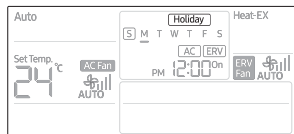
15 Press the **ESC** button to exit to normal mode.

## NOTE

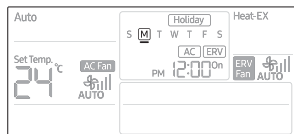
- If you want to cancel your weekly schedules while you are setting them, then press the **ESC** button.
- If "Central control" is set, then you can still set a weekly schedule, but it won't be actually executed.

## Setting Holidays during the Weekly Schedule

You can select holidays during the weekly schedule. If you set the holiday, the set weekly schedule function will not operate.



- 1 Press the **Schedule** button.
  - (Timer) is displayed. At that time, press the [^]/[v] buttons to select 'Weekly' from the option of 'Weekly' and 'Holiday'.



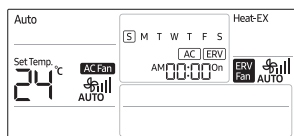
- 2 Press the [➤] button and select the 'Day' for your schedule.
  - You can press the [^]/[v] buttons to select a scheduled day (Sun~Sat).

### NOTE

- You can select many days for multiple schedules.



- 3 Press **Set** button to complete the holiday of weekly schedule setting.



- 4 Press the **ESC** button to exit to normal mode.

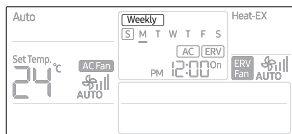
### NOTE

- If you want to cancel your holiday of weekly schedule while you are setting them, press the **ESC** button.
- You can set the holidays only with the dates with weekly indicator ' \_ '.
- The weekly indicator ' \_ ' of the dates set as holidays will disappear on the display.

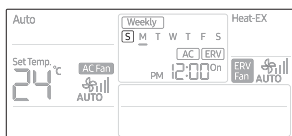
# Schedule Setting

## Canceling a Weekly Schedule

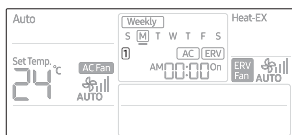
You can cancel your weekly schedule.



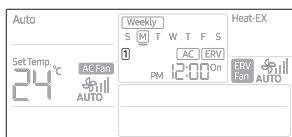
- 1 Press the **Schedule** button.
  - (Timer) is displayed and (Weekly) will blink.



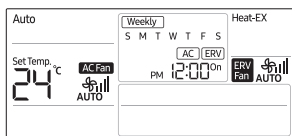
- 2 After pressing the [➤] button, select 'Day' to cancel.
  - You can press the [↖]/[↗] button to select a scheduled day.



- 3 After pressing the [➤] button, select a 'schedule number' to cancel.
  - Press the [↖]/[↗] button to select a schedule number (1~6).



- 4 Press **Delete** button to cancel the weekly schedule setting you made.



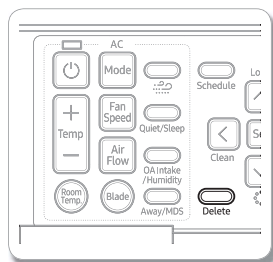
- 5 Press **Set** button to save the cancellation of your weekly schedule.

- 6 Press the **ESC** button to exit to normal mode.



## Initializing a Weekly Schedule

You can initialize all the weekly schedules set in your wired remote controller.



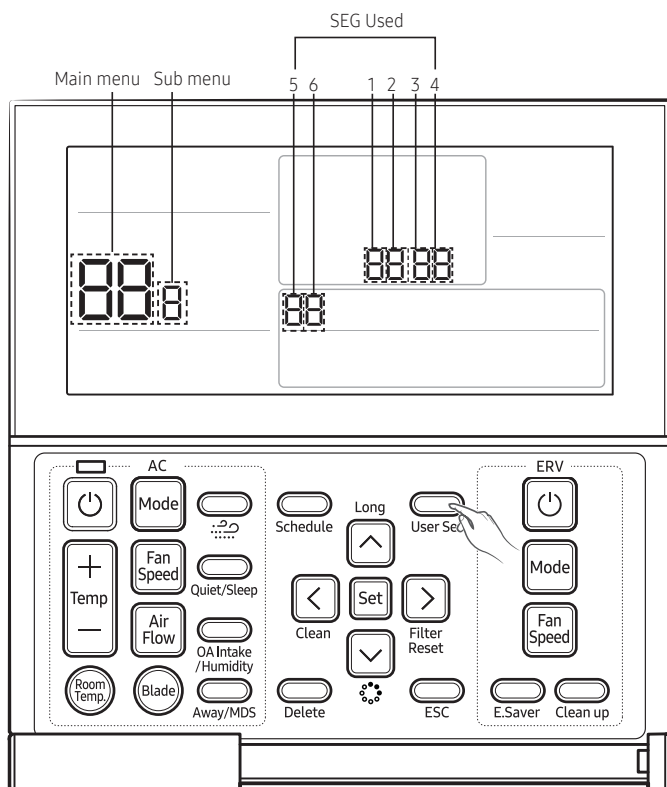
- 1 Press the **Delete** button for five seconds.
  - All the weekly schedule settings is erased.

### NOTE

- You can't restore your old settings after deleting the weekly schedule by pressing the **Delete** button, so be careful when you use this function.

# Setting Additional User Functions

## How to Set the Additional User Functions



- 1 If you want to set the detailed settings, press the **User Set** button.
  - You will enter the User Set mode, and the [Main Menu] is displayed.
- 2 Refer to the wired remote controller's User Set list on the next page to select the desired menu.
  - Using the [^]/[v] buttons, select a main menu number and press the [>] button to enter the sub-menu setting screen.
  - Using the [^]/[v] buttons, select a sub-menu number and press the [>] button to enter the data setting screen.
  - Once you have entered the setting screen, the current setting is displayed.
  - Refer to the chart for data setting.

- Using the [^]/[v] buttons, change the settings and press the [>] button to move to the next setting.
- Press the **Set** button to save the setting and exit to the sub-menu setting screen.
- Press the **ESC** button to exit to normal mode.

#### NOTE

- While setting the data, you can use the [←]/[→] buttons to set the range of SEG used.
- While configuring the setting, press the **ESC** button to exit to the sub-menu setting screen without saving the setting.

Main menu	Sub menu	Function		SEG Used	Default	Range	Unit
1		Auto stop time setting/ checking		1, 2	0	0~12 hours	1 hour
2	Temp limits [°C (°F)]	Lower Limit		1, 2	8 (47)	8~30°C (47~86°F) 1)*	1°C (1°F)
		Upper Limit		3, 4	30 (86)	8~30°C (47~86°F) 1)*	1°C (1°F)
3	Lock of partial button	All locking		1	0	0~Unlock, 1~Lock	-
		Lock of Operation On/Off button		2	0	0~Unlock, 1~Lock	-
		Lock of Mode button		3	0	0~Unlock, 1~Lock	-
		Lock of temperature setting button		4	0	0~Unlock, 1~Lock	-
		Lock of fan speed button		5	0	0~Unlock, 1~Lock	-
		Lock of schedule setting button		6	0	0~Unlock, 1~Lock	-
4	1	Current Time Setting (Year, Month, Date)		1, 2/ 3, 4/ 5, 6	13/ 01/ 01	00~99/ 1~12/ 1~31	YY, MM, DD
	2	Current Time Setting (Day, Hour, Minute)		Day/ AM, PM/ 1, 2/ 3, 4	Tuesday/ PM/ 12/ 00	Sun~Sat/ AM~PM/ 0~12/ 0~59	Day, hour, minute
5	1	Summer Time Use and Setting Methods	Use of summer time (Y/N)	1	0	0~No use, 1~Use	-
			Summer Time Application Method	2	0	0~ Weekly, 1~ Daily	-
	2	Summer time use (Weekly) Start (? Month, ? th Sunday)		1, 2/ 4	03/F	1~12th month/ 1~4, F (last week)th week	-
	3	Summer time use (Weekly) End (? Month, ? th Sunday)		1, 2/ 4	10/F	1~12th month/ 1~4, F (last week)th week	-
	4	Summer time use (Daily) Start (? Month, ? Date)		1, 2/ 3, 4	03/22	Jan~Dec/ 1~31st day	Month, date
	5	Summer time use (Daily) End (? Month, ? Date)		1, 2/ 3, 4	09/22	Jan~Dec/ 1~31st day	Month, date

# Setting Additional User Functions

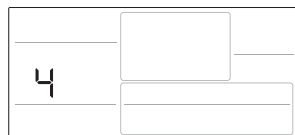
Main menu	Sub menu	Function		SEG Used	Default	Range	Unit
6		Backlight Time Setting/ Checking		1, 2	5	0~30 sec	1 sec
		Use of LED (Green) (Y/N)		3	1	0-No use, 1-Use	-
		Use of LED (Red) (Y/N)		4	1	0-No use, 1-Use	-
		Turning on or off the Air purity level lighting function of the indoor unit		5	1	0-Off, 1-On	-
7		Ventilator (ERV) delay time setting/ checking [When using Ventilator (ERV) interlocking control]	Ventilator (ERV) Delay Application (Y/N)	1	0	0-No use, 1-Use	-
			Delay Time	3, 4	30	30~60 minutes	1 minute
8		Easy Tuning		1,2	0	-2~+2	1
0	1	Reset to user mode defaults (except the current time)		1	0	0-No use, 1-Reset	-

1)\* The set temperature range available on the remote controller may change depending on the set temperature range that indoor unit supports.

## NOTE

- 'NONE' is displayed if the indoor unit does not support the function. In some cases, the setting may not possible or it may be not applied though it is set on the unit.
- Summer time: Practice of temporarily advancing clocks during the summertime.
- The Air purity level lighting function can be operated as a user option. This function is available only on specific models.

## Current Time Setting (Example)



- 1 Press the **User Set** button.
  - (Main Menu) is displayed, and you can press the [Λ]/[V] buttons to select No. 4, which will set the current time.



- 2 Press the [➤] button to select 'Year, Month, Date' in the [Sub-menu].
  - Press the [Λ]/[V] buttons to select No. 1. You can modify the year/month/date setting.



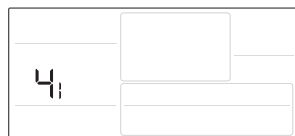
- 3 Press the [➤] button to select the 'Year'.
  - Press the [Λ]/[V] buttons to select the year ('00~'99).



- 4 Press the [➤] button to select the 'Month'.
  - Press the [Λ]/[V] buttons to select month (01~12).



- 5 Press the [➤] button to select the 'Date'.
  - Press the [Λ]/[V] buttons to select date (01~31).

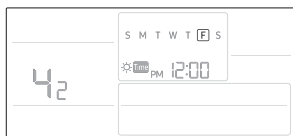


- 6 Press the **Set** button to complete your setting of 'Year, Month, Date'.
  - The setting changes is applied and you can exit to the sub-menu.

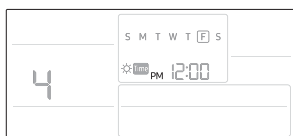


- 7 In the sub-menu, select 'day, AM/PM, hour, minute'.
  - Press the [Λ]/[V] buttons to select no. 2. You can set the 'day, AM/PM, hour, minute'.

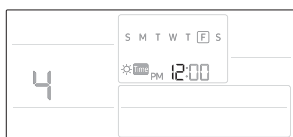
# Setting Additional User Functions



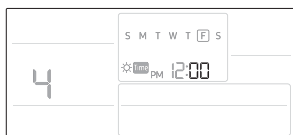
- 8 Press the [ > ] button to select the 'Day'.
- Press the [ ^ ]/[ v ] buttons to select day (Sun~Sat).



- 9 Press the [ > ] button to select 'AM or PM'.
- Press the [ ^ ]/[ v ] buttons to toggle between AM and PM.



- 10 Press the [ > ] button to select the 'Hour'.
- Press the [ ^ ]/[ v ] buttons to select the hour (01~12).



- 11 Press the [ > ] button to select the 'Minute'.
- Press the [ ^ ]/[ v ] buttons to select minute (00~59).

- 12 By pressing the **Set** button, you can complete modifying the setting for the current time.
- The setting changes is applied and you can exit to the sub-menu.

- 13 Press the **ESC** button to exit to normal mode.

# Memo

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# SAMSUNG

