



OPERATING MANUAL
BEDIENUNGSANLEITUNG
MODE D'EMPLOI
MANUAL DE FUNCIONAMIENTO
MANUALE DI ISTRUZIONI
ΕΓΧΕΙΡΙΔΙΟ ΛΕΙΤΟΥΡΓΙΑΣ
使用説明書
РУКОВОДСТВО ПО ЭКСПЛУАТАЦИИ
MANUAL DE INSTRUÇÕES

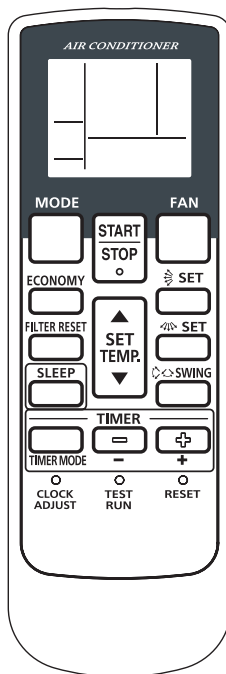
OPERATING MANUAL

AIR CONDITIONER

WIRELESS REMOTE CONTROLLER

Remote Controller

UTY-LNH*



KEEP THIS MANUAL FOR FUTURE REFERENCE
DIESE ANLEITUNG BITTE SORGFÄLTIG AUFBEWAHREN
CONSERVEZ CE MODE D'EMPLOI AFIN DE POUVOIR VOUS Y RÉFÉRER ULTÉRIEUREMENT
GUARDE ESTE MANUAL PARA PODERLO CONSULTAR EN EL FUTURO
CONSERVARE QUESTO MANUALE PER OGNI EVENTUALE FUTURO RIFERIMENTO
ΚΡΑΤΗΣΤΕ ΤΟ ΕΓΧΕΙΡΙΔΙΟ ΓΙΑ ΜΕΛΛΟΝΤΙΚΗ ΑΝΑΦΟΡΑ
请妥善保管本说明书以供日后参考
СОХРАНИТЕ НАСТОЯЩЕЕ РУКОВОДСТВО ДЛЯ БУДУЩИХ ССЫЛОК
GUARDE ESTE MANUAL PARA CONSULTA POSTERIOR

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SAFETY PRECAUTIONS

- The “SAFETY PRECAUTIONS” indicated in this operating manual contain important information pertaining to your safety. Be sure to observe them.
- For details of the operation methods, refer to this manual.
- Request the user to keep the manual on hand for future use, such as for relocating or repairing the unit.

 WARNING	This mark indicates procedures which, if improperly performed, might lead to the death or serious injury of the user.
• This unit contains no user-serviceable parts. Always consult authorized service personnel for repairs. • When moving, consult authorized service personnel for disconnection and installation of this unit. • If children may approach the unit, take preventive measures so that they cannot reach the unit. • Do not repair or modify by yourself. It may cause failure or accident.	• Stop operation immediately when indication lamp of indoor unit blinks, or abnormal situation is displayed. Continuous operation may cause fire or failure. • Do not use flammable gases near the unit. It may cause a fire from leaking gas.

 CAUTION	This mark indicates procedures which, if improperly performed, might possibly result in personal harm to the user or damage to property.
• Do not disassemble the unit. Contact with internal circuitry may cause fire or malfunction. • Do not drop the unit. Doing so may cause the case to crack and may disable control. • Do not press any button using a sharp object. Doing so may cause an electric shock or a malfunction. • Do not wipe the unit with benzine, thinner or chemical cloths etc. Doing so may cause discoloration or malfunction. If the unit becomes extremely dirty, dampen a cloth with water-diluted neutral detergent and wipe the unit with it. • Do not place electrical devices within 1 m of this unit. It may cause malfunction or failure. • Do not use fire near this unit or place a heating apparatus nearby. It may cause malfunction. • Do not expose this unit directly to water. Doing so will cause trouble, electric shock, or heating. • Do not set flower vases or water containers on top of the unit. It may cause heating, fire or electric shock. • Do not touch any button with wet hands. Doing so may cause an electric shock or malfunction. • Dispose of the packing materials safely. Tear and dispose of the plastic packing bags so that children cannot play with them. There is the danger of suffocation if children play with the original plastic bags.	• Do not spray insecticide or other flammable sprays. Do not place flammable sprays near the unit or spray directly at the unit. Doing so may result in fire or explosion. • Do not use in applications involving the storage of foods, plants or animals, precision equipment, or art works. • Do not wash with water. Doing so may cause an electric shock or malfunction. • Do not use in any special environment. Using in any place exposed to oil (including machine oil), steam and sulfuric gas may deteriorate the performance significantly or give damage to the component parts.

FEATURES AND FUNCTIONS

AUTOMATIC OPERATION

● COOLING MODEL

Merely press the "START/STOP" button, and the unit will begin automatic operation in the Cooling or Dry mode as appropriate, in accordance with the temperature setting and the actual temperature of the room.

● HEAT PUMP MODEL

Merely press the "START/STOP" button, and the unit will begin automatic operation in either the Heating, Cooling or Monitor modes as appropriate, in accordance with the temperature setting and the actual temperature of the room.

SLEEP TIMER

● COOLING MODEL

When the "SLEEP" button is pressed during Cooling or Dry mode, the temperature setting is gradually raised during the period of operation. When the set time is reached, the unit automatically turns off.

● HEAT PUMP MODEL

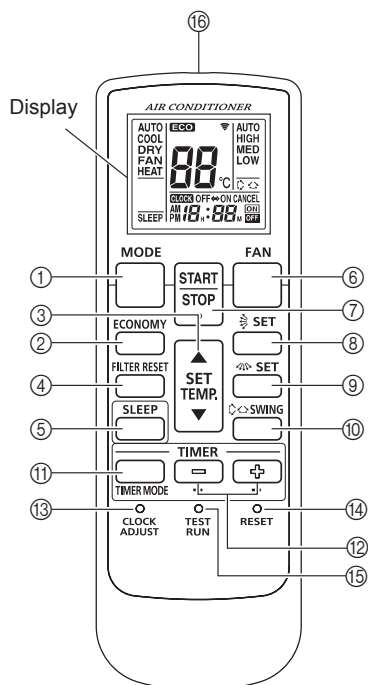
When the "SLEEP" button is pressed during Heating mode, the air conditioner's temperature setting is gradually lowered during the period of operation; during Cooling or Dry mode, the temperature setting is gradually raised during the period of operation. When the set time is reached, the unit automatically turns off.

WIRELESS REMOTE CONTROL UNIT

The WIRELESS REMOTE CONTROL UNIT allows convenient control of air conditioner operation.

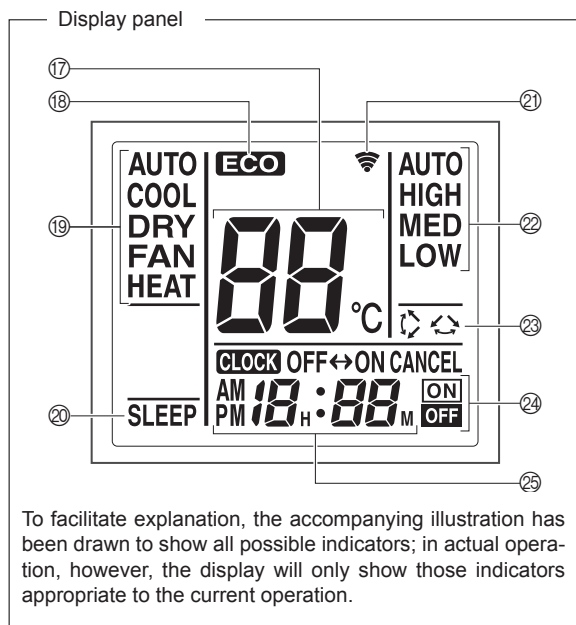
NAME OF PARTS

Remote control unit



- ① “MODE” button
- ② “ECONOMY” button
- ③ “▲ SET TEMP. / SET TEMP. ▼” button
- ④ “FILTER RESET” button
- ⑤ “SLEEP” button
- ⑥ “FAN” button
- ⑦ “START/STOP” button
- ⑧ “SET” button (Vertical)
- ⑨ “SET” button (Horizontal)
- ⑩ “SWING” button
- ⑪ “TIMER MODE” button
- ⑫ “TIMER [] / TIMER [+]” button
- ⑬ “CLOCK ADJUST” button
- ⑭ “RESET” button
- ⑮ “TEST RUN” button

This is used during test run. For details, refer to the installation manual.



To facilitate explanation, the accompanying illustration has been drawn to show all possible indicators; in actual operation, however, the display will only show those indicators appropriate to the current operation.

- ⑮ Signal Transmitter
- ⑰ Temperature SET Display
- ⑱ ECONOMY Display
- ⑲ Operating Mode Display
- ⑳ SLEEP Display
- ㉑ Transmit Indicator
- ㉒ Fan Speed Display
- ㉓ SWING Display
- ㉔ Timer Mode Display
- ㉕ Clock Display

Notes of the operation

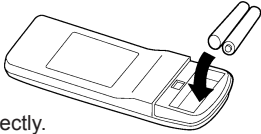
Functions of START/STOP, MODE, SET TEMP. and TIMER SET may be restricted depending on the operating state of the indoor unit.
In this case, when the signal of remote control unit is received, it is notified by the blinking of TIMER lamp.

PREPARATION

Load Batteries (AAA/LR03/R03 x 2)

1 Press and slide the battery compartment lid on the reverse side to open it.

Slide in the direction of the arrow while pressing the  mark.



2 Insert batteries.

Be sure to align the battery polarities ($\oplus/\ominus$) correctly.

3 Close the battery compartment lid.

4 Press the “RESET” button.

Use the tip of a ball-point pen or other small object to press the button.

Set the Current time

1 Press the “CLOCK ADJUST” button.

Use the tip of a ball-point pen or other small object to press the button.

2 Use the “TIMER / TIMER ” button to adjust the clock to the current time.

 **button:** Press to advance the time.

 **button:** Press to reverse the time.

(Each time the buttons are pressed, the time will be advanced/reversed in 1 minute increments; hold the buttons depressed to change the time quickly in 10 minute increments.)

3 Press the “CLOCK ADJUST” button again.

This completes the time setting and starts the clock.

To Use the Remote Control Unit

- The Remote Control Unit must be pointed at remote control signal receiver to operate correctly.
- Operating Range: About 5 meters.
- When a signal is properly received by the receiver unit control panel, some lamp will be flashed.
- If no lamp is flashed, press the Remote Control Unit button again.

WARNING

Never allow the alkaline batteries to short-circuit. Never disassemble, heat or place them in fire.

- Doing so can cause the strong alkaline liquid to leak and possibly enter your eyes or cause the batteries to explode or heat up, resulting in personal injuries, burning or mechanical breakdowns.
- If strong alkaline liquid comes in contact with your skin or clothes, wash it off with clean water. If it gets in to your eyes, wash them with clean water and consult a doctor immediately.

CAUTION

Incorrect use of batteries can cause liquid leakage, explosion or heating and may result in malfunction or personal injury. Adhere to the following.

- Do not recharge the batteries.
- Insert the batteries in the correct direction.
- Do not mix a new battery with an old battery or batteries of different types.
- Remove the batteries immediately when they have run out.

Take care to prevent infants from accidentally swallowing batteries.

When not using the unit for an extended period, remove the batteries to avoid possible leakage and damage to the unit.

Dead batteries should be removed immediately and disposed of properly, either in a battery collection receptacle or to the appropriate authority.

OPERATION

To Select Mode Operation

1 Press the “START/STOP” button.

The receiver unit control panel's OPERATION Indicator Lamp (green) will light.

The air conditioner will start operating.

2 Press the “MODE” button to select the desired mode.

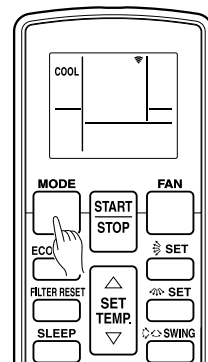
Each time the button is pressed, the mode will change in the following order.



About 3 seconds later, the entire display will reappear.

*1 “AUTO” can be set only in the indoor unit assigned to the representative indoor unit.

*2 “FAN” cannot set to heat pump type.



Example: When set to COOL.

To Set the Room temperature

Press the “▲ SET TEMP. / SET TEMP. ▼” button.

▲ button: Press to raise the temperature setting.

▼ button: Press to lower the temperature setting.

● Temperature setting range:

AUTO18-30 °C

Heating.....16-30 °C

Cooling/Dry18-30 °C

The temperature setting cannot be used to set room temperature during the FAN mode (the temperature will not appear on the Remote Control Unit's Display).

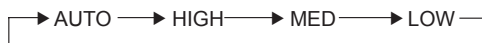
About 3 seconds later, the entire display will reappear.

The temperature setting should be considered a standard value, and may differ somewhat from the actual room temperature.

To Set the Fan Speed

Press the “FAN” button.

Each time the button is pressed, the fan speed changes in the following order:



About 3 seconds later, the entire display will reappear.

When set to AUTO:

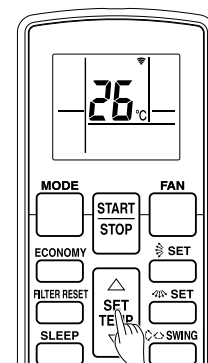
Heating: Fan operates so as to optimally circulate warmed air.

However, the fan will operate at very low speed when the temperature of the air issued from the indoor unit is low.

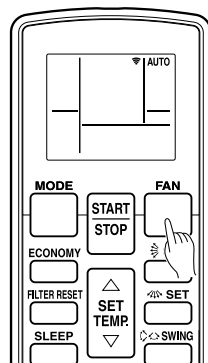
Cooling: As the room temperature approaches that of the temperature setting, the fan speed becomes slower.

Fan: The fan runs at the low fan speed.

The fan will operate at a very low setting during Monitor operation and at the start of the Heating mode.



Example: When set to 26 °C.



Example: When set to AUTO.

To Stop Operation

Press the “START/STOP” button.

The OPERATION Indicator Lamp (green) will go out.

About AUTO CHANGEOVER Operation

AUTO: ● When AUTO CHANGEOVER operation first selected, the fan will operate at very low speed for about 1 minute, during which time the unit detects the room conditions and selects the proper operating mode.

Room temperature is higher than the defined temperature in temperature setting → Cooling mode or Dry mode

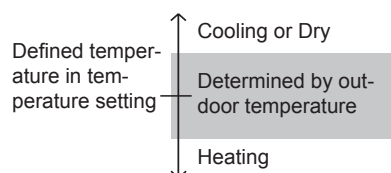
Room temperature is close to the defined temperature in temperature setting → Determined by outdoor temperature

Room temperature is lower than the defined temperature in temperature setting → Heating mode

- When the air conditioner has adjusted your room's temperature to near the temperature setting, it will begin monitor operation. In the monitor operation mode, the fan will operate at low speed. If the room temperature subsequently changes, the air conditioner will once again select the appropriate operation (Heating, Cooling) to adjust the temperature to the value set in the indoor unit.

(The monitor operation range is ± 2 °C relative to the temperature setting.)

- If the mode automatically selected by the unit is not what you wish, select 1 of the mode operation (HEAT, COOL, DRY, FAN).



About Mode Operation

Heating: ● Use to warm your room.

- When Heating mode is selected, the air conditioner will operate at very low fan speed for about 3 to 5 minutes, after which it will switch to the selected fan setting. This period of time is provided to allow the indoor unit to warm up before beginning full operation.
- When the room temperature is very low, frost may form on the outside unit, and its performance may be reduced. In order to remove such frost, the unit will automatically enter the defrost cycle from time to time. During Automatic Defrosting operation, the OPERATION Indicator Lamp (green) will flash, and the heat operation will be interrupted.
- After the start of heating operation, it takes some time before the room gets warmer.

Cooling: ● Use to cool your room.

Dry: ● Use for gently cooling while dehumidifying your room.

- You cannot heat the room during Dry mode.
- During Dry mode, the unit will operate at low speed; in order to adjust room humidity, the indoor unit's fan may stop from time to time. Also, the fan may operate at very low speed when adjusting room humidity.
- The fan speed cannot be changed manually when Dry mode has been selected.

Fan: ● Use to circulate the air throughout your room.

During Heating mode:

Set the temperature to a temperature setting that is higher than the current room temperature. The Heating mode will not operate if the preset temperature is set lower than the actual room temperature.

During Cooling/Dry mode:

Set the temperature to a temperature setting that is lower than the current room temperature. The Cooling and Dry modes will not operate if the preset temperature is set higher than the actual room temperature (in Cooling mode, the fan alone will operate).

During Fan mode:

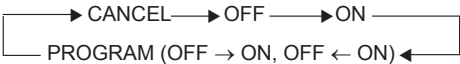
You can not use the unit to heat and cool your room.

TIMER OPERATION

Before using the timer function, be sure that the Remote Control Unit is set to the correct current time (⌚ P. 4).

To Use the ON timer or OFF timer

- 1 Press the “START/STOP” button
(If the unit is already operating, proceed to step 2).
The receiver unit control panel’s OPERATION Indicator Lamp (green) will light.
- 2 Press the “TIMER MODE” button to select the OFF timer or ON timer operation.
Each time the button is pressed the timer function changes in the following order:



The receiver unit control panel’s TIMER Indicator Lamp (orange) will light.

- 3 Use the “TIMER [−] / TIMER [+]” button to adjust the desired OFF time or ON time.
Set the time while the time display is flashing (the flashing will continue for about 5 seconds).
[+] button: Press to advance the time.
[−] button: Press to reverse the time.
About 5 seconds later, the entire display will reappear.

To Cancel the Timer

Use the “TIMER MODE” button to select “CANCEL”.
The air conditioner will return to normal operation.

To Change the Timer Settings

Perform steps 2 and 3.

To Stop Air Conditioner Operation while the Timer is Operating

Press the “START/STOP” button.

To Change Operating Conditions

If you wish to change operating conditions (Mode, Fan Speed, Temperature Setting), after making the timer setting wait until the entire display reappears, then press the appropriate buttons to change the operating condition desired.

To Use the Program timer

- 1 Press the “START/STOP” button
(If the unit is already operating, proceed to step 2).
The receiver unit control panel’s OPERATION Indicator Lamp (green) will light.
- 2 Set the desired times for OFF timer and ON timer.
See the section “To Use the ON timer or OFF timer” to set the desired mode and times.
About 5 seconds later, the entire display will reappear.
The receiver unit control panel’s TIMER Indicator Lamp (orange) will light.
- 3 Press the “TIMER MODE” button to select the PROGRAM timer operation (OFF → ON or OFF ← ON will display).
The display will alternately show “OFF timer” and “ON timer”, then change to show the time setting for the operation to occur first.
 - The program timer will begin operation. (If the ON timer has been selected to operate first, the unit will stop operating at this point.)About 5 seconds later, the entire display will reappear.

To Cancel the Timer

Use the “TIMER MODE” button to select “CANCEL”.
The air conditioner will return to normal operation.

To Change the Timer Settings

1. Follow the instructions given in the section “To Use the ON Timer or OFF Timer” to select the timer setting you wish to change.
2. Press the “TIMER MODE” button to select either OFF → ON or OFF ← ON.

To Stop Air Conditioner Operation while the Timer is Operating

Press the “START/STOP” button.

To Change Operating Conditions

If you wish to change operating conditions (Mode, Fan Speed, Temperature Setting), after making the timer setting wait until the entire display reappears, then press the appropriate buttons to change the operating condition desired.

About the Program timer

- The program timer allows you to integrate OFF timer and ON timer operations in a single sequence. The sequence can involve 1 transition from OFF timer to ON timer, or from ON timer to OFF timer, within a 24 hour period.
- The first timer function to operate will be the 1 set nearest to the current time. The order of operation is indicated by the arrow in the Remote Control Unit’s Display (OFF → ON, or OFF ← ON).
- One example of Program timer use might be to have the air conditioner automatically stop (OFF timer) after you go to sleep, then start (ON timer) automatically in the morning before you arise.

SLEEP TIMER OPERATION

Unlike other timer functions, the SLEEP timer is used to set the length of time until air conditioner operate is stopped.

To Use the SLEEP Timer

While the air conditioner is operating or stopped, press the “SLEEP” button.

The receiver unit control panel’s OPERATION Indicator Lamp (green) lights and the TIMER Indicator Lamp (orange) light.

To Change the Timer Settings

Press the “SLEEP” button once again and set the time using the “TIMER $\square$ / TIMER $\square$ ” button.

- $\square$ button: Press to advance the time.
- $\square$ button: Press to reverse the time.

About 5 seconds later, the entire display will reappear.

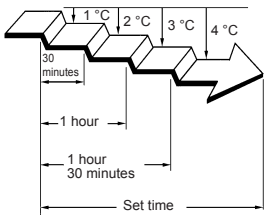
About the SLEEP Timer

To prevent excessive warming or cooling during sleep, the SLEEP timer function automatically modifies the temperature setting in accordance with the set time setting. When the set time has elapsed, the air conditioner completely stops. Based on temperature set in remote control unit, temperature of indoor unit varies little by little. However in this case, temperature indication of remote control unit does not vary as it continues to indicate the temperature when SLEEP Timer was set.

During Heating operation (Indoor unit):

When the SLEEP timer is set, the temperature setting is automatically lowered 1 °C every 30 minutes. When the preset temperature has been lowered a total of 4 °C, the temperature setting at that time is maintained until the set time has elapsed, at which time the air conditioner automatically turns off.

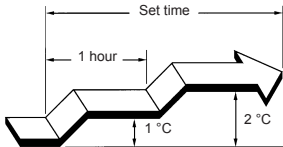
SLEEP timer setting



During Cooling/Dry operation (Indoor unit):

When the SLEEP timer is set, the temperature setting is automatically raised 1 °C every 1 hour. When the preset temperature has been raised a total of 2 °C, the temperature setting at that time is maintained until the set time has elapsed, at which time the air conditioner automatically turns off.

SLEEP timer setting



MANUAL AUTO OPERATION

Use the MANUAL AUTO operation in the event the remote control unit is lost or otherwise unavailable.

How To Use the Main Unit Controls

Press the “MANUAL AUTO” button on the receiver unit control panel.

To stop operation, press the “MANUAL AUTO” button once again.

- When the air conditioner is operated with the controls on the receiver unit, it will operate under the same mode as the AUTO mode selected on the remote control unit. However, about Multi-type Air conditioner, the Heat pump model will follow the operating mode of the other indoor unit.
- The fan speed selected will be “AUTO” and the temperature setting will be 24 °C.

ECONOMY OPERATION

Begin Air Conditioner operation before performing this procedure.

To Use the ECONOMY Operation

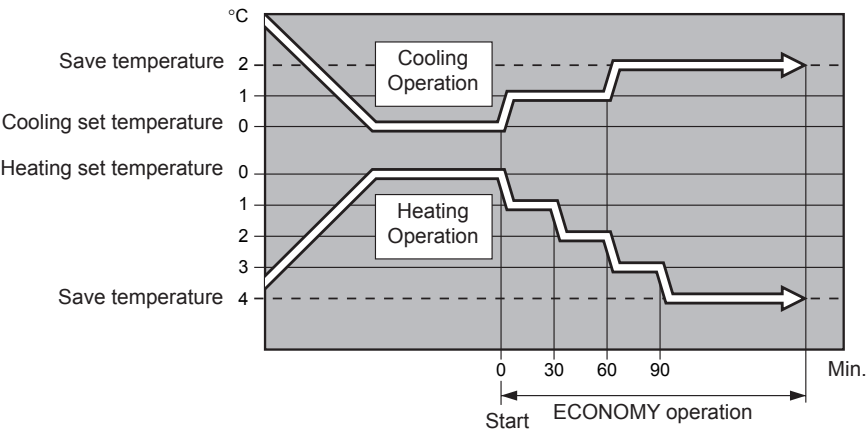
Press the “ECONOMY” button.
“ECO” appears on the Remote Control Unit display.
Economy operation begins.

To Stop the ECONOMY Operation

Press the “ECONOMY” button again.
“ECO” disappears from the Remote Control Unit display.
Normal operation begins.

About ECONOMY Operation

Economy operation can be set by remote controller.
The temperature setting is offset automatically over a certain period of time.
Based on temperature set in remote control unit, temperature of indoor unit varies little by little. However in this case, temperature indication of remote control unit does not vary as it continues to indicate the temperature when ECONOMY Operation was set.



FILTER RESET

When cleaning the air filter of the indoor unit, reset the display that indicates the schedule for filter cleaning.

To Use the FILTER RESET Operation

Press the “FILTER RESET” button.

SELECTING THE REMOTE CONTROL UNIT SIGNAL CODE

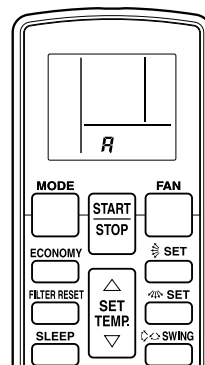
When 2 or more air conditioners are installed in a room and the remote control unit is operating an air conditioner other than the one you wish to set, change the signal code of the remote control unit to operate only the air conditioner you wish to set (4 selections possible).

When 2 or more air conditioners are installed in a room, please contact authorized service personnel to set the individual air conditioner signal codes.

Selecting the Remote Control Unit Signal Code

Use the following steps to select the signal code of the remote control unit. (Note that the air conditioner cannot receive a signal code if the air conditioner has not been set for the signal code.)

- 1** Press the “START/STOP” button until only the clock is displayed on the remote control unit display.
- 2** Press the “MODE” button for at least 5 seconds to display the current signal code (initially set to **A**).
- 3** Press the “▲ SET TEMP. / SET TEMP. ▼” button to change the signal code between **A→b→c→d**. Match the code on the display to the air conditioner signal code.
- 4** Press the “MODE” button again to return to the clock display. The signal code will be changed.



If no buttons are pressed within 30 seconds after the signal code is displayed, the system returns to the original clock display. In this case, start again from step 1.

The air conditioner signal code is set to A prior to shipment. Contact authorized service personnel to change the signal code.

The remote control unit resets to signal code A when the batteries in the remote control unit are replaced. If you use a signal code other than signal code A, reset the signal code after replacing the batteries. If you do not know the air conditioner signal code setting, try each of the signal codes (**A→b→c→d**) until you find the code which operates the air conditioner.

OPERATING TIPS

- Remote control unit may not be available depending on the functions, while local operation with a standard remote control unit, including a wireless remote control unit, is prohibited.
- Display of operating condition on the indoor unit and this unit may differ while indoor unit is operated with the RC Prohibition control.

Instructions relating to heating (*) are applicable only to “HEAT PUMP MODEL”.

*Heating Performance

- This air conditioner operates on the heat-pump principle, absorbing heat from outdoor air and transferring that heat indoors. As a result, the operating performance is reduced as outdoor air temperature drops. If you feel that insufficient heating performance is being produced, we recommend you use this air conditioner in conjunction with another kind of heating appliance.
- Heat-pump air conditioners heat your entire room by recirculating air throughout the room, with the result that some time may be required after first starting the air conditioner until the room is heated.

*When Indoor and Outdoor Temperature are High

- When both indoor and outdoor temperatures are high during use of the heating mode, the outdoor unit's fan may stop at times.

Fan speed: AUTO

*Heating: The fan will operate at very low speed when the temperature of the air issued from the indoor unit is low.

Cooling: As the room temperature approaches that of the set temperature, the fan speed becomes slower.

Dry: The fan runs at the low fan speed.

*Microcomputer-controlled Automatic Defrosting

- When using the Heating mode under conditions of low outdoor temperature and high humidity, frost may form on the outdoor unit, resulting in reduced operating performance.

In order to prevent this kind of reduced performance, this unit is equipped with a Microcomputer-controlled Automatic Defrosting function. If frost forms, the air conditioner will temporarily stop, and the defrosting circuit will operate briefly (for about 4 to 15 minutes).

During Automatic Defrosting operation, the OPERATION indicator lamp (green) will flash.

Low Ambient Cooling

- When the outdoor temperature drops, the outdoor unit's fans may switch to Low Speed.

*Hot start (for heating)

- The indoor unit prevents cold drafts when heating operation begins.

The indoor unit fan will not operate or it will operate at a very low speed until the heat exchanger reaches the set temperature.

Mode operation: AUTO

COOLING MODEL

- When the room temperature is higher than the defined temperature in temperature setting, the mode will switch between Cooling and Drying.

HEAT PUMP MODEL

Auto changeover function

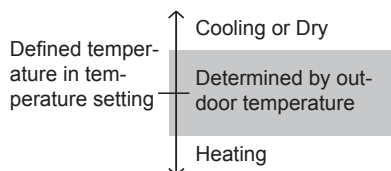
- When AUTO CHANGEOVER is selected, the air conditioner selects the appropriate operation mode (Cooling or Heating) according to your room's present temperature.
- When AUTO CHANGEOVER is first selected, the fan will operate at a very low speed for about 1 minute while the unit determines the current conditions of the room and selects the proper operation mode.

Room temperature is higher than the defined temperature in temperature setting → Cooling mode or Dry mode

Room temperature is close to the defined temperature in temperature setting → Determined by outdoor temperature

Room temperature is lower than the defined temperature in temperature setting → Heating mode

- During the Drying mode operation, the FAN setting should be switched to LOW for a gently cooling effect during which the fan may temporarily stop rotating.



- When the room temperature is near the temperature setting, the air conditioner will begin monitor operation. In the monitor operation mode, the fan will operate at a very low speed. If the room temperature subsequently changes, the air conditioner will once again select the appropriate operation (Heating or Cooling) to adjust the temperature to the value set in the indoor unit. (The monitor operation range is $\pm 2^{\circ}\text{C}$ relative to the temperature setting.)

About Mode Operation

***Heating:** ● Use to warm your room.

- When Heating mode is selected, the air conditioner will operate at very low fan speed for about 3 to 5 minutes, after which it will switch to the selected fan setting. This period of time is provided to allow the indoor unit to warm up before beginning full operation.
- When the room temperature is very low, frost may form on the outside unit, and its performance may be reduced. In order to remove such frost, the unit will automatically enter the defrost cycle from time to time. During Automatic Defrosting operation, the OPERATION indicator Lamp (green) will flash, and the heat operation will be interrupted.
- After the start of heating operation, it takes sometime before the room gets warmer.

Cooling: ● Use to cool your room.

- Dry:**
- Use for gently cooling while dehumidifying your room.
 - You cannot heat the room during Dry mode.
 - During Dry mode, the unit will operate at low speed; in order to adjust room humidity, the indoor unit's fan may stop from time to time. Also, the fan may operate at very low speed when adjusting room humidity.
 - The fan speed cannot be changed manually when Dry mode has been selected.

Fan: ● Use to circulate the air throughout your room.

During Heating mode:

Set the temperature to a temperature setting that is higher than the current room temperature. The Heating mode will not operate if the preset temperature is set lower than the actual room temperature.

During Cooling/Dry mode:

Set the temperature to a temperature setting that is lower than the current room temperature. The Cooling and Dry modes will not operate if the preset temperature is set higher than the actual room temperature (in Cooling mode, the fan alone will operate).

During Fan mode:

You can not use the unit to heat and cool your room.

AUTO Restart

In Event of Power Interruption

- Should the power supply to the air conditioner be interrupted by a power failure, the air conditioner will restart automatically in the previously selected mode once the power is restored.
- Should a power failure occur during TIMER operation, the timer will be reset and the unit will begin (or stop) operating under the new timer setting. In this event, the TIMER indicator lamp (orange) will flash.
- Use of other electrical appliances (electric shaver, etc.) or nearby use of a wireless radio transmitter may cause the air conditioner to malfunction. In this event, temporarily disconnect the power supply plug, reconnect it, and then use the remote control unit to resume operation.

TROUBLESHOOTING

Instructions relating to heating (*) are applicable only to “HEAT PUMP MODEL”.

WARNING

In the event of a malfunction (burning smell, etc.), immediately stop operation, disconnect the power supply plug or turn off the circuit breaker, and consult authorized service personnel.
Merely turning off the unit's power switch will not completely disconnect the unit from the power source. Always be sure to disconnect the power supply plug or turn off your circuit breaker to ensure that power is completely off.

Before requesting service, perform the following checks:

	Symptom	Problem	See Page
NORMAL FUNCTION	Doesn't operate immediately:	● If the unit is stopped and then immediately started again, the compressor will not operate for about 3 minutes, in order to prevent fuse blowouts. ● Whenever the power supply plug is disconnected and then reconnected to a power outlet, the protection circuit will operate for about 3 minutes, preventing unit operation during that period.	—
	Noise is heard:	● During operation and immediately after stopping the unit, the sound of water flowing in the air conditioner's piping may be heard. Also, noise may be particularly noticeable for about 2 to 3 minutes after starting operation (sound of coolant flowing). ● During operation, a slight squeaking sound may be heard. This is the result of minute expansion and contraction of the front cover due to temperature changes.	—
		*● During Heating operation, a sizzling sound may be heard occasionally. This sound is produced by the Automatic Defrosting operation.	12
	Smells:	● Some smell may be emitted from the indoor unit. This smell is the result of room smells (furniture, tobacco, etc.) which have been taken into the air conditioner.	—
	Mist or steam are emitted:	● During Cooling or Dry operation, a thin mist may be seen emitted from the indoor unit. This results from the sudden Cooling of room air by the air emitted from the air conditioner, resulting in condensation and misting.	—
		*● During Heating operation, the outdoor unit's fan may stop, and steam may be seen rising from the unit. This is due to the Automatic Defrosting operation.	12
	Airflow is weak or stops:	*● When Heating operation is started, fan speed is temporarily very low, to allow internal parts to warm up.	—
		*● During Heating operation, if the room temperature rises above the temperature setting, the fan of indoor unit starts and stops. If you wish to warm the room further, set the preset temperature to a higher setting.	
		*● During Heating operation, the unit will temporarily stop operation (between 4 and 15 minutes) as the Automatic Defrosting mode operates. During the Automatic Defrosting operation, the OPERATION indicator lamp (green) will flash.	12
		● The fan may operate at very low speed during Dry operation or when the unit is monitoring the room's temperature.	—
		● In the monitor AUTO operation, the fan will operate at very low speed.	—
	Water is produced from the outdoor unit:	*● During Heating operation, water may be produced from the outdoor unit due to the Automatic Defrosting operation.	18

Instructions relating to heating (*) are applicable only to “HEAT PUMP MODEL”.

	Symptom	Items to check	See Page
CHECK ONCE MORE	Doesn't operate at all:	● Has the circuit breaker been turned off? ● Has there been a power failure? ● Has a fuse blown out, or a circuit breaker been tripped?	—
	Poor Cooling (or Heating) performance:	● Is the timer operating?	7 to 8
		● Is the air filter dirty? ● Are the air conditioner's intake grille or outlet port blocked? ● Did you adjust the room temperature settings correctly? ● Is there a window or door open? ● In the case of Cooling operation, is a window allowing bright sunlight to enter? (Close the curtains.) ● In the case of Cooling operation, are there heating apparatus and computers inside the room, or are there too many people in the room?	—
	The unit operates differently from the remote control unit's setting:	● Are the remote control unit's batteries dead? ● Are the remote control unit's batteries loaded properly?	4
	Signal is not received after replacing the batteries for the remote control unit:	● Are you using an air conditioner signal code other than signal code A?	10

If the problem persists after performing these checks, or if you notice burning smells, or the TIMER indicator lamp (orange) and OPERATION indicator lamp (green) flashes, stop operation immediately, disconnect the power supply plug, and consult with authorized service personnel.

SPECIFICATIONS

REMOTE CONTROLLER (WIRELESS TYPE)

MODEL	POWER	DIMENSIONS & WEIGHT			
		HEIGHT	WIDTH	DEPTH	WEIGHT
UTY-LNH*	DC 3 V	170 mm	56 mm	19 mm	85 g (w/o batteries)