

**OPERATING MANUAL
BEDIENUNGSANLEITUNG
MODE D'EMPLOI
MANUAL DE FUNCIONAMIENTO
MANUALE DI ISTRUZIONI
ΕΓΧΕΙΡΙΔΙΟ ΛΕΙΤΟΥΡΓΙΑΣ
РУКОВОДСТВО ПО ЭКСПЛУАТАЦИИ
MANUAL DE INSTRUÇÕES**

English

Deutsch

Français

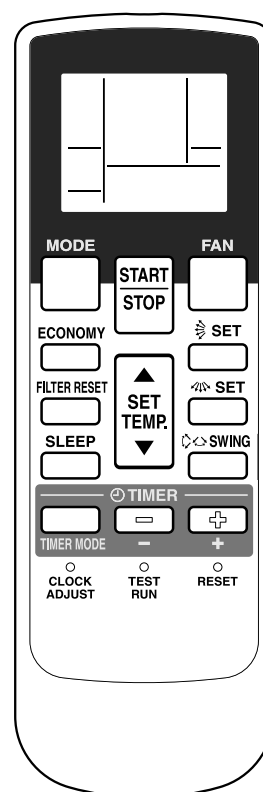
Español

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Português



KEEP THIS MANUAL FOR FUTURE REFERENCE
BEWAHREN SIE DIESES HANDBUCH ZUM SPÄTEREN NACHSCHLAGEN AUF
CONSERVEZ CE MANUEL POUR RÉFÉRENCE ULTÉRIEURE
CONSERVE ESTE MANUAL PARA SU FUTURA CONSULTA
CONSERVARE IL PRESENTE MANUALE PER FUTURE CONSULTAZIONI
ΦΥΛΑΞΤΕ ΤΟ ΕΓΧΕΙΡΙΔΙΟ ΓΙΑ ΜΕΛΛΟΝΤΙΚΗ ΑΝΑΦΟΡΑ
СОХРАНИТЕ ДАННОЕ РУКОВОДСТВО ДЛЯ СПРАВКИ В БУДУЩЕМ
GUARDE ESTE MANUAL PARA REFERÊNCIA FUTURA

P/N9374136117

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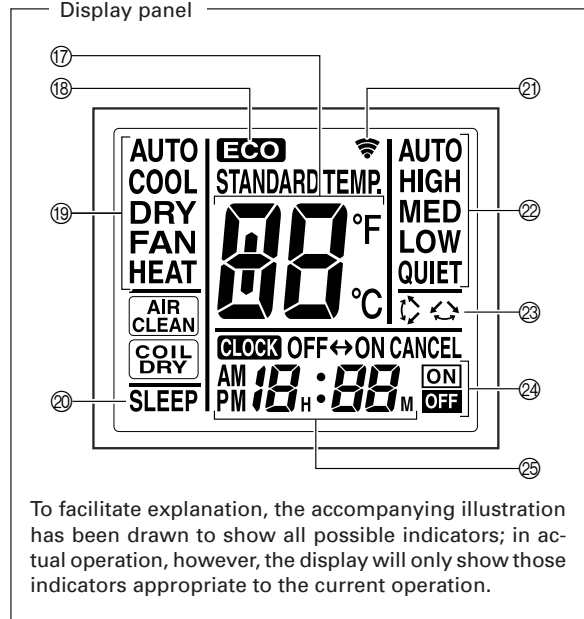
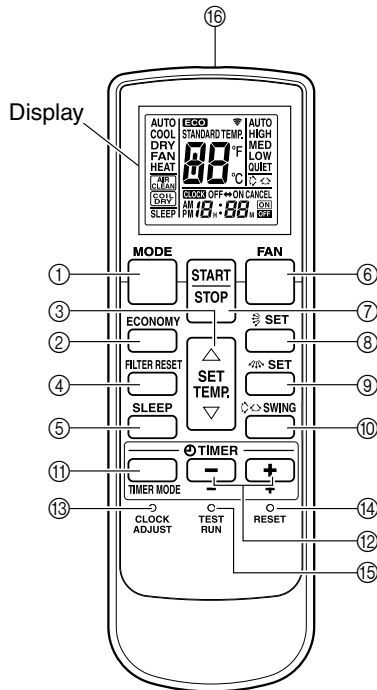
SAFETY PRECAUTIONS

- Before using the appliance, read these "SAFETY PRECAUTIONS" thoroughly and operate in the correct way.
- The instructions in this section all relate to safety; be sure to maintain safe operating conditions.

⚠ WAERNING!	This mark indicates procedures which, if improperly performed, might lead to the death or serious injury of the user.
<ul style="list-style-type: none"> • If a problem (burning smell, etc.) occurs, turn off the electrical breaker immediately to stop operation, and then consult authorized service personnel. 	

⚠ CAUTION!	This mark indicates procedures which, if improperly performed, might possibly result in personal harm to the user, or damage to property.		
<table border="0" style="width: 100%;"> <tr> <td style="vertical-align: top; width: 50%;"> <ul style="list-style-type: none"> • Do not expose the controller directly to water. • Do not operate the controller with wet hands. • Do not touch the switches with sharp objects. • Always turn off the electrical breaker whenever cleaning the controller, the air conditioner or the air filter. </td> <td style="vertical-align: top; width: 50%;"> <ul style="list-style-type: none"> • Ensure that any electronic equipment is at least one metre away from the controller. • Avoid installing the controller near a fireplace or other heating apparatus. • Do not use inflammable gases near the controller. </td> </tr> </table>		<ul style="list-style-type: none"> • Do not expose the controller directly to water. • Do not operate the controller with wet hands. • Do not touch the switches with sharp objects. • Always turn off the electrical breaker whenever cleaning the controller, the air conditioner or the air filter. 	<ul style="list-style-type: none"> • Ensure that any electronic equipment is at least one metre away from the controller. • Avoid installing the controller near a fireplace or other heating apparatus. • Do not use inflammable gases near the controller.
<ul style="list-style-type: none"> • Do not expose the controller directly to water. • Do not operate the controller with wet hands. • Do not touch the switches with sharp objects. • Always turn off the electrical breaker whenever cleaning the controller, the air conditioner or the air filter. 	<ul style="list-style-type: none"> • Ensure that any electronic equipment is at least one metre away from the controller. • Avoid installing the controller near a fireplace or other heating apparatus. • Do not use inflammable gases near the controller. 		

NAME OF PARTS



- ① **MODE button**
- ② **ECONOMY button**
- ③ **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 SET (+ / -) button**
- ⑬ **CLOCK ADJUST button**
- ⑭ **RESET button**
- ⑮ **TEST RUN button**

- ⑯ **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**

- This button is used when installing the conditioner, and should not be used under normal conditions, as it will cause the air conditioner's thermostat function to operate incorrectly.
- If this button is pressed during normal operation, the unit will switch to test operation mode, and the Indoor Unit's OPERATION Indicator Lamp and TIMER Indicator Lamp will begin to flash simultaneously.
- To stop the test operation mode, press the START/STOP button to stop the air conditioner.

Some indoor units may not be equipped with the functions corresponding to all of the buttons on this remote controller. The indoor unit will beep and the OPERATION, TIMER and FILTER lamp flash when a remote controller button is pressed if the function is not available.

PREPARATION

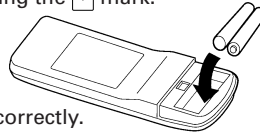
Load Batteries (R03/LR03 × 2)

- 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 (⊕/⊖) correctly.



- 3 Close the battery compartment lid.**

⚠ CAUTION!

- Take care to prevent infants from accidentally swallowing batteries.
- When not using the Remote Control Unit for an extended period, remove the batteries to avoid possible leakage and damage to the unit.
- If leaking battery fluid comes in contact with your skin, eyes, or mouth, immediately wash with copious amounts of water, and consult your physician.
- Dead batteries should be removed immediately and disposed of properly, either in a battery collection receptacle or to the appropriate authority.
- Do not attempt to recharge dry batteries.

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 SET (⊕ / ⊖) buttons 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 one-minute increments; hold the buttons depressed to change the time quickly in ten-minute increments.)

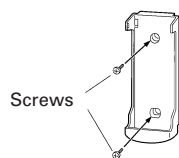
- 3 Press the CLOCK ADJUST button again.**
This completes the time setting and starts the clock.

Never mix new and used batteries, or batteries of different types. Batteries should last about one year under normal use. If the Remote Control Unit's operating range becomes appreciably reduced, replace the batteries and press the RESET button with the tip of a ballpoint pen or other small object.

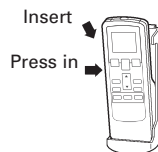
To Use the Remote Control Unit

- The Remote Control Unit must be pointed at signal receiver to operate correctly.
- Operating Range: About 7 meters.
- When a signal is properly received by the air conditioner, a beeping sound will be heard.
- If no beep is heard, press the Remote Control Unit button again.

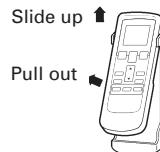
Remote Control Unit Holder



- 1 Mount the Holder.**



- 2 Set the Remote Control Unit.**



- 3 To remove the Remote Control Unit (when use at hand).**

OPERATION

To Select Mode Operation

- 1 Press the START/STOP button.**
The indoor unit's OPERATION Indicator Lamp (red) 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.

```

      → AUTO → COOL → DRY →
      ← HEAT ← FAN ←
    
```

 About three seconds later, the entire display will reappear.

To Set the Room temperature

Press the SET TEMP. button.

- ▲ **button:** Press to raise the thermostat setting.
- ▼ **button:** Press to lower the thermostat setting.

● Thermostat setting range:

AUTO	18-30 °C
Heating	16-30 °C
Cooling/Dry	18-30 °C

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

About three seconds later, the entire display will reappear.

The thermostat 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 three 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 thermostat setting, the fan speed becomes slower.
- Fan :** The fan runs at the low fan speed.

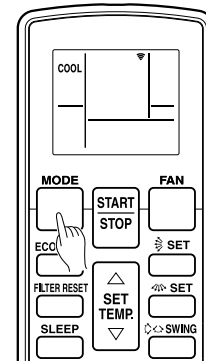
The fan will operate at a very low setting during Monitor operation and at the start of the Heating mode.

QUIET Operation

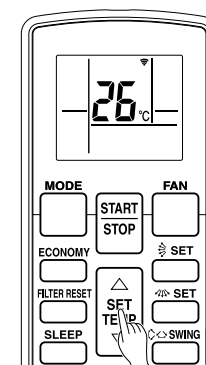
When set to Quiet:

QUIET operation begins. The indoor unit's airflow will be reduced for quieter operation.

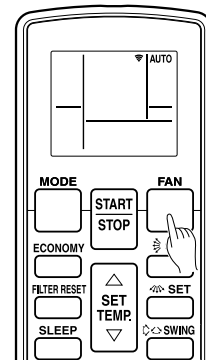
- QUIET operation cannot be used during Dry mode. (The same is true when dry mode is selected during AUTO mode operation.)
- During Quiet operation, Heating and Cooling performance will be reduced somewhat. If the room does not warm up/ cool down when using QUIET Operation, please adjust the air conditioner's Fan Speed.



Example: When set to COOL.



Example: When set to 26 °C.



Example: When set to AUTO.

OPERATION

To Stop Operation

Press the START/STOP button.

The OPERATION Indicator Lamp (red) will go out.

About AUTO CHANGEOVER Operation

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

If the difference between thermostat setting and actual room temperature is more than +2 °C

→ Cooling or dry operation

(Monitor operation may be selected if the outdoor temperature is low.)

If the difference between thermostat setting and actual room temperature is within ±2 °C

→ Monitor operation

If the difference between thermostat setting and actual room temperature is more than -2 °C

→ Heating operation

(Monitor operation may be selected if the outdoor temperature is high.)

- When the air conditioner has adjusted your room's temperature to near the thermostat 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 thermostat.

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

- If the mode automatically selected by the unit is not what you wish, select one 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 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 thermostat to a temperature setting that is higher than the current room temperature. The Heating mode will not operate if the thermostat is set lower than the actual room temperature.

During Cooling/Dry mode:

Set the thermostat to a temperature setting that is lower than the current room temperature. The Cooling and Dry modes will not operate if the thermostat 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.

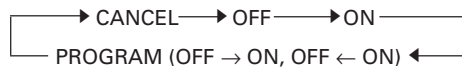
TIMER OPERATION

Before using the timer function, be sure that the Remote Control Unit is set to the correct current time (see P. 3). If the indoor unit is connected to a wired remote controller, the wireless remote controller cannot be used to set the timer.

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 indoor unit's OPERATION Indicator Lamp (red) 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 indoor unit's green TIMER Indicator Lamp (green) will light.

- 3 Use the TIMER SET buttons to adjust the desired OFF time or ON time.**

Set the time while the time display is flashing (the flashing will continue for about five seconds).

- + button:** Press to advance the time.
- button:** Press to reverse the time.

About five seconds later, the entire display will reappear.

To Use the Program timer

- 1 Press the START/STOP button.**
(if the unit is already operating, proceed to step 2).
The indoor unit's OPERATION Indicator Lamp (red) 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 three seconds later, the entire display will reappear.
The indoor unit's TIMER Indicator Lamp (green) 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 five seconds later, the entire display will reappear.

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 one transition from OFF timer to ON timer, or from ON timer to OFF timer, within a twenty-four hour period.
- The first timer function to operate will be the one 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.

To Cancel the Timer

Use the TIMER 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, Thermostat Setting, QUIET mode), after making the timer setting wait until the entire display reappears, then press the appropriate buttons to change the operating condition desired.

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, Thermostat Setting, QUIET mode), after making the timer setting wait until the entire display reappears, then press the appropriate buttons to change the operating condition desired.

SLEEP TIMER OPERATION

Unlike other timer functions, the SLEEP timer is used to set the length of time until air conditioner operate is stopped. If the indoor unit is connected to a wired remote controller, the wireless remote controller cannot be used to set the sleep timer.

To Use the SLEEP Timer

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

The indoor unit's OPERATION Indicator Lamp (red) lights and the TIMER Indicator Lamp (green) light.

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

Press the SLEEP button once again and set the time using the TIMER SET (+ / -) buttons.

- + button:** Press to advance the time.
- button:** Press to reverse the time.

To Stop the Air Conditioner During Timer Operation:

Press the START/STOP button.

About five seconds later, the entire display will reappear.

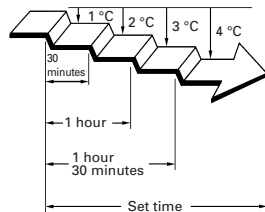
About the SLEEP Timer

To prevent excessive warming or cooling during sleep, the SLEEP timer function automatically modifies the thermostat setting in accordance with the set time setting. When the set time has elapsed, the air conditioner completely stops.

During Heating operation:

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

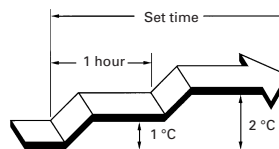
SLEEP timer setting



During Cooling/Dry operation:

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

SLEEP timer setting



FILTER LAMP RESET

Some indoor unit models are equipped with a filter lamp in the indoor unit display to indicate when it is time to clean the air filters.

To Reset Filter Lamp

Press the FILTER RESET button.
The indoor unit's FILTER LAMP (orange) will go out.

ADJUSTING THE DIRECTION OF AIR CIRCULATION

- Adjust the up, down, left, and right AIR directions with the AIR DIRECTION buttons on the Remote Control Unit.
- Use the AIR DIRECTION buttons after the Indoor Unit has started operating and the airflow-direction louvers have stopped moving.

Vertical Air Direction Adjustment

Vertical airflow louver control may not be available depending on the model.

Press the SET button (Vertical).

(The Remote Control Unit's display does not change.)

Each time the button is pressed, the air direction range will change as shown in MANUAL (OPERATION) which is included in INDOOR UNIT.

- Use the air direction adjustments within the ranges as shown in MANUAL (OPERATION) which is included in INDOOR UNIT.
- The vertical airflow direction is set automatically as shown in MANUAL (OPERATION) which is included in INDOOR UNIT, in accordance with the type of operation selected.
- During AUTO mode operation, for the first minute after beginning operation, airflow will be horizontal position; the air direction cannot be adjusted during this period.
- The vertical air direction adjustment operation is not available depending on the model.
Please refer to the MANUAL (OPERATING) which is included in INDOOR UNIT.

i NOTES

- Always use the Remote Control Unit's SET button to adjust the vertical airflow louvers. Attempting to move them manually could result in improper operation; in this case, stop operation and restart. The louvers should begin to operate properly again.
- During use of the Cooling and Dry modes, do not set the Air Flow Direction Louvers in the downward position for long periods of time, since water vapor may condense near the outlet louvers and drops of water may drip from the air conditioner. During the Cooling and Dry modes, if the Air Flow Direction Louvers are left in the heating range for more than 30 minutes, they will automatically return to Cooling and Dry mode position.
- When used in a room with infants, children, elderly or sick persons, the air direction and room temperature should be considered carefully when making settings.

Horizontal Air Direction Adjustment

Horizontal airflow louver control may not be available depending on the model.

Press the SET button (Horizontal).

(The remote control unit's display does not change.)

Each time the button is pressed, the air direction range will change as shown in MANUAL (OPERATION) which is included in INDOOR UNIT.

- The horizontal air direction adjustment operation is not available depending on the model. Please refer to the MANUAL (OPERATING) which is included in INDOOR UNIT.

SWING OPERATION

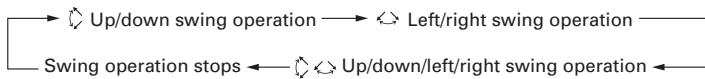
Left/right and up/down/left/right swing operation cannot be performed on models that are not equipped with horizontal air-flow louvers.

Begin air conditioner operation before performing this procedure.

To select SWING Operation

Press the SWING button.

Each time the SWING button is pressed, the swing operation will change in the following order.



To stop SWING Operation

Press the SWING button and select STOP.

Airflow direction will return to the setting before swing was begun.

About Swing Operation

- Left/right swing: The airflow-direction louvers move (swing) in the left/right airflow direction.
- Up/down/left/right swing: The airflow-direction louvers move (swing) in both the up/down and left/right airflow directions.
- The SWING operation may stop temporarily when the air conditioner's fan is not operating, or when operating at very low speeds.
- If the SET button (Vertical) is pressed during the up/down swing operation, the up/down swing operation will stop and if the SET button (Horizontal) is pressed during the left/right swing operation, the left/right swing operation will stop.
- The swing operation is not available depending on the model. Please refer to the MANUAL (OPERATING) which is included in INDOOR UNIT.

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

At the maximum output, ECONOMY Operation is approximately 70% of normal air conditioner operation for cooling and heating.

When ECONOMY operation is performed during the cooling mode, dehumidification is improved. This function is especially convenient when you want to remove the humidity in the room without significantly lowering the room temperature.

During ECONOMY operation, the thermostat setting automatically changes according to the temperature to avoid Unnecessary cooling and heating for the most economical operation.

- If the room is not cooled (or heated) well during economy operation, select normal operation.
- Once air conditioner operation is stopped, normal operation begins when the indoor unit is turned on again.
- During the monitor period in the AUTO mode, the air conditioner operation will not change to ECONOMY operation even if ECONOMY operation is selected by pressing the ECONOMY operation button.

SELECTING THE REMOTE CONTROL UNIT SIGNAL CODE

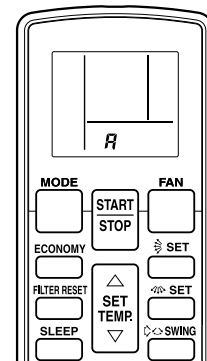
When two or more air conditioners are installed in a room and the remote control unit is operating an air conditioner other than the one you wish to set, change the signal code of the remote control unit to operate only the air conditioner you wish to set (four selections possible).

When two or more air conditioners are installed in a room, please contact your retailer 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 five seconds to display the current signal code (initially set to A).**
- 3 Press the \oplus/\ominus buttons to change the signal code between $A \rightarrow b \rightarrow c \rightarrow d$. 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 your retailer 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 ($A \rightarrow b \rightarrow c \rightarrow d$) until you find the code which operates the air conditioner.

TROUBLESHOOTING

Before requesting service perform the following check:

	Symptom	Items to check	See Page
CHECK ONCE MORE	Doesn't operate at all:	<ul style="list-style-type: none"> ● Is the power supply plug disconnected from its outlet? ● Has there been a power failure? ● Has a fuse blown out, or a circuit breaker been tripped? 	—
		<ul style="list-style-type: none"> ● Is the timer operating? 	6
	The unit operates differently from the remote control unit's setting:	<ul style="list-style-type: none"> ● 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:	<ul style="list-style-type: none"> ● 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 OPERATION and the TIMER indicator lamp flashes, stop operation immediately, disconnect the power supply, and consult with authorized service personnel.



A series of approximately 24 horizontal dotted lines, evenly spaced, extending across most of the width of the page. These lines are intended for writing text.