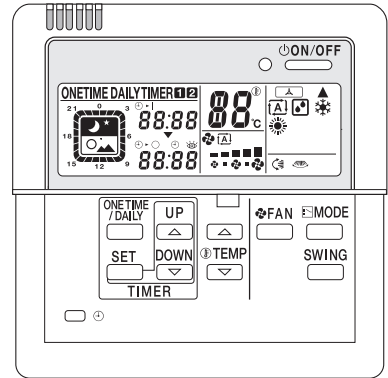


DAIKIN

DAIKIN ROOM AIR CONDITIONER

Operation Manual

OPTIONAL SLENDER REMOTE CONTROLLER



BRC944A2B



Use wisely, save power

- Thank you very much for purchasing the Daikin room air conditioner.
- This manual contains precautions and economical use of your air conditioner.
For correct use of your air conditioner, please read this manual carefully before use and keep it at hand for easy reference.
- The warranty card should be stored in a safe place after making sure that the date and place of purchase, etc. have been filled in.

READ BEFORE OPERATION

- Safety Precautions.....2
- Names of Functions of Parts4
- Preparation before Operation5

OPERATION

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Safety Precautions





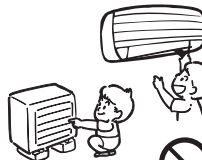

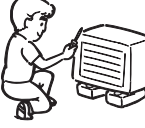






- Read the following warnings and cautions carefully before operating the system and use it correctly.
- This manual classifies the precautions to the user into two categories on the right. Be sure to follow all as they are all important to ensure safety.
- The following safety symbols are used throughout this manual.

| | | |
|--|----------------|--|
| | WARNING | Failure to follow a warning is very likely to result in such grave consequences as death or serious injury. |
| | CAUTION | Failure to follow a caution may result in serious injury or property damage, and in certain conditions, may result in a grave consequence. |















| | | | | | |
|--|---------------------|--|--------------------------|--|-----------------------|
| | Prohibited | | Observe the Instructions | | Connect an Earth line |
| | Wet hand Prohibited | | Water Prohibited | | |

- After reading this manual, keep it in a place easily accessible to the user for future reference.

WARNING



| | | | |
|--|---|--|---|
| <p>Do not operate with a damaged cord or with the cord tied in a bundle.</p>  <p style="text-align: center;"> Prohibited</p> <p>Putting a heavy object on the cord, heating it, or pulling it may cause breakage which leads to electric shock or fire.</p> | <p>Do not expose your body to the cool (hot) air for a long time, do not cool(heat) the room too much.</p>  <p style="text-align: center;"> Prohibited</p> <p>It will affect your physical conditions and cause health problems.</p> | <p>Do not put a finger, a rod or other objects into the air outlet or inlet.</p>  <p style="text-align: center;"> Prohibited</p> <p>As the fan is rotating at a high speed, it will cause injury.</p> | <p>Do not attempt to repair, relocate, modify or reinstall the air conditioner by yourself.</p>  <p style="text-align: center;"> Prohibited</p> <p>Incorrect work will cause electric shocks, fire etc. For repairs and reinstallation, consult your dealer.</p> |
| <p>If anything abnormal such as a burning smell occurs, stop the operation immediately and turn the breaker OFF.</p>  <p style="text-align: center;"></p> <p>Continued abnormal operation will cause troubles, electric shocks, fire etc. If anything is abnormal, consult your dealer.</p> | <p>If the air conditioner is not cooling or heating properly, the refrigerant may be leaking, so consult your dealer. Check with a qualified repairman before attempting any repairs, which might accompany addition of refrigerant.</p> <p>The refrigerant used in the air conditioner is safe. Although leaks should not occur, if for some reason any refrigerant happens to leak into the room, make sure it does not come in contact with any flame, such as fan heaters, kerosene heaters, or gas ranges, as this may result noxious substances being generated.</p> <p style="text-align: right;"></p> | | |
| <p>In order to avoid fire, explosion or injury, do not operate the unit when harmful, among which flammable or corrosive gases, are detected near the unit.</p> <p style="text-align: right;"></p> | <p>Do not insert fingers, poles, or other objects into the moving parts of the front panel or the outlet vent panel.</p> <p style="text-align: right;"></p> | | |

⚠ CAUTION





| | | | |
|--|--|---|--|
| <p>After a long use, check the unit stand and fittings for damage.</p>  <p>The unit may drop and cause injury if damage is left unrepaired.</p> | <p>Do not stand or sit on the outdoor unit. Do not place any object on the unit. Do not remove the fan guard.</p>  <p>The object or the person may fall down or drop, causing injury.</p> | <p>Do not place under the indoor or outdoor unit anything which must be kept away from moisture.</p>  <p>Indoor unit : Moisture in the air may condense and drip in certain conditions. Outdoor unit : During cooling operation, condensation may drip from the piping connections.</p> | <p>Do not wash the unit with water.</p>  <p>It may cause an electric shock.</p> |
| <p>Do not place a burning appliance in places exposed to the airflow from the unit or under the indoor unit.</p>  <p>It may cause incomplete combustion or deformation of the unit from heat.</p> | <p>Do not expose young children, plants or animals directly to the airflow.</p>  <p>It may cause adverse effects on the plant or the animal.</p> | <p>Do not place a vessel containing water on the unit.</p>  <p>Water may penetrate into the unit and degrade electrical insulations, resulting in an electric shock.</p> | <p>Do not leave sprays and the like within 1m from the air outlet.</p>  <p>Such containers may explode by hot air coming from the indoor or outdoor unit.</p> |
| <p>Do not block air inlets or outlets.</p>  <p>Impaired airflow may result in insufficient performance or troubles.</p> | <p>Do not use the air conditioner for preservation purposes.</p>  <p>Do not use it for preserving precision instruments, foods, plants, animals, works of fine arts etc. Performance or quality may deteriorate and animal or plant life may be shorter.</p> | <p>Do not operate the air conditioner with a wet hand.</p>  <p>It may cause an electric shock.</p> | <p>Ventilate the room from time to time.</p>  <p>Be careful especially when using a burning appliance in the same room. Insufficient ventilation may cause shortage of oxygen.</p> |
| <p>Before cleaning, be sure to stop the operation and turn the breaker OFF.</p>  <p>As a fan is rotating at a high speed, cleaning during operation may cause injury.</p> | <p>Do not touch the air inlets or aluminum fins of the outdoor unit.</p>  <p>You may get injured.</p> | <p>The appliance is not intended for use by young children or infirm persons without supervision.</p> <p>Young children should be supervised to ensure that they do not play with the appliance.</p> | <p>Do not place objects in direct proximity of the outdoor unit and do not let leaves and other debris accumulate around the unit.</p> <p>Leaves are a hotbed for small animals which can enter the unit. Once in the unit, such animals can cause malfunctions, smoke or fire when making contact with electrical parts.</p> |

Installation

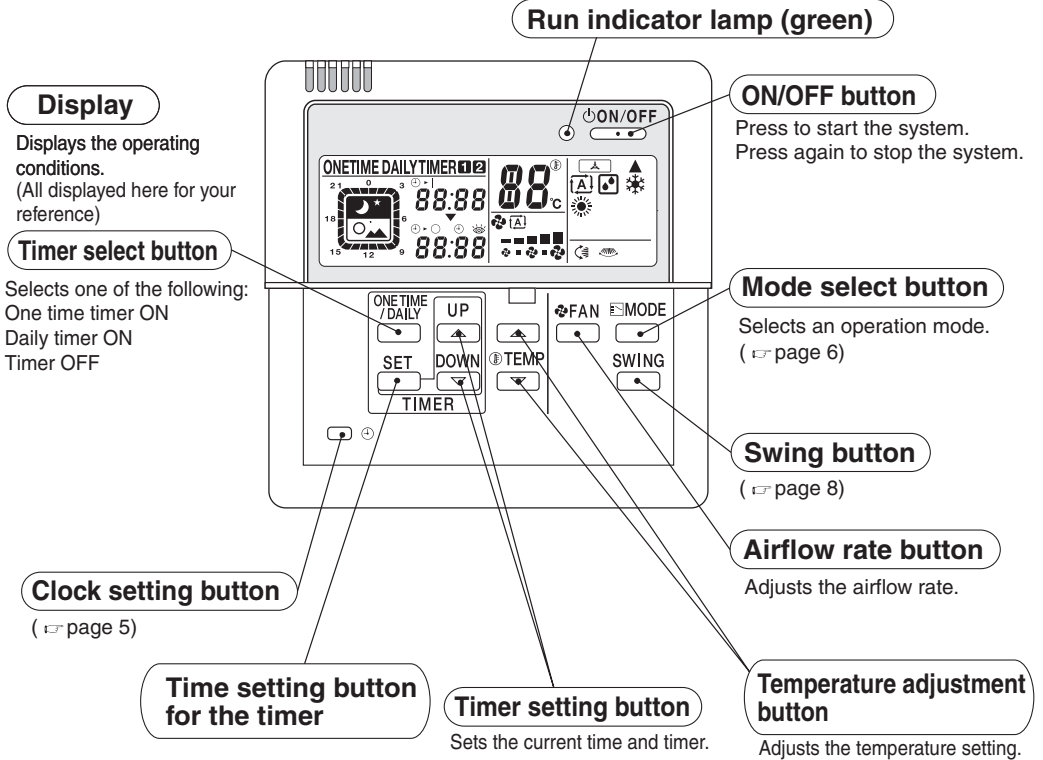
⚠ WARNING

| | |
|--|--|
| <p>Do not attempt to install the air conditioner by yourself.</p> <p>Consult the service shop or a qualified technician.</p>  <p>Incorrect work will result in water leakage, electric shocks or fire. For installation, consult the service shop where you bought the unit or a qualified technician.</p> | <p>Depending on the environment, an earth leakage breaker must be installed.</p>  <p>Lack of an earth leakage breaker may result in electric shocks or fire.</p> |
|--|--|

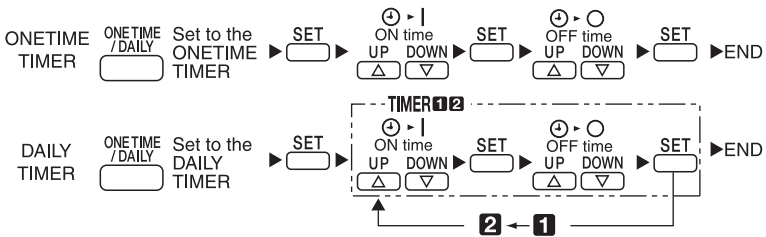
⚠ CAUTION

| | |
|---|--|
| <p>The air conditioner must be earthed.</p>  <p>Incomplete earthing may result in electric shocks or fire. Do not connect the earth line to a gas pipe, water pipe, lightning rod, or a telephone earth line.</p> | <p>Do not connect the air conditioner to a power supply different from the specification.</p>  <p>It may cause trouble or fire.</p> |
| <p>Do not install the air conditioner in places where flammable gas may leak.</p>  <p>If leaked gas should accumulate near the unit, fire may occur.</p> | <p>Arrange the drain hose to ensure smooth drainage.</p>  <p>Incomplete drainage may cause wetting of the building, furniture etc.</p> |

Names and Functions of Parts



How to Set the Timer



CAUTION

- This remote controller cannot be used together with a standard wireless remote controller. Otherwise, what appears on this remote controller's display may fail to correspond to actual operating conditions.

Preparation before Operation

■ Checking the power

If nothing appears on the remote controller's display, turn on the circuit breaker.

■ Setting the current time

1 Press .



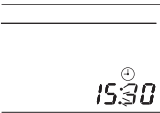
The current time starts blinking.

0:00 lights up.

2 Press and and set the current time.



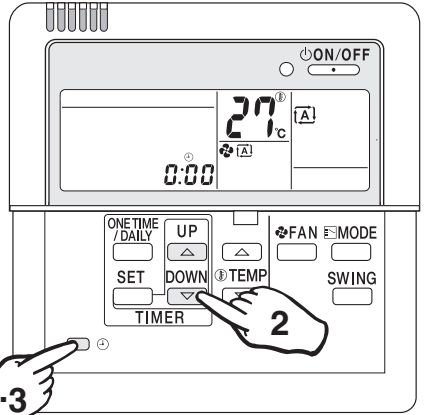
3 Press .



: blinks.

(This completes the current time setting)

- The clock's accuracy is ± 30 seconds per month.



Notes

To use the unit efficiently

- Avoid overcooling or overheating. Moderate room temperature setting contributes to power saving.

Recommended temperature setting

For cooling 26~28°C

For heating 20~22°C
- Hang a blind or a curtain on the window. This will enhance the cooling/heating effect by intercepting direct sunlight and drafts.
- A clogged air filter will reduce the cooling/heating effect, leading to waste of power. Clean the air filter monthly (every two weeks as required) or so.

Please take note of the following points

- Electric power is consumed even when the air conditioner is not in operation.
- When the unit is not used for a long period of time such as during off-season, turn off the breaker.

Operating conditions

- If the operation is continued under any conditions other than the following, the safety device may work to stop the operation. Also, dew may form on the indoor unit and drip from it. (Cooling/DRY)


| | | |
|---------|-----------------|----------------|
| Cooling | Outdoor temp. | -10 to 46°C |
| | Room temp. | 18 to 32°C |
| | Indoor humidity | Less than 80% |
| DRY | Outdoor temp. | -10 to 46°C |
| | Room temp. | 18 to 32°C |
| | Indoor humidity | Less than 80% |
| Heating | Outdoor temp. | -15 to 20°C |
| | Room temp. | Less than 27°C |

- Operation limit differ according to the model.

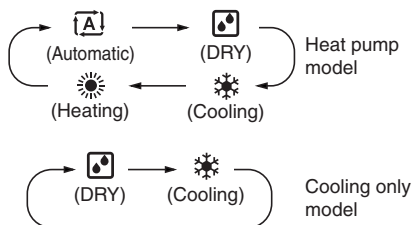
Automatic·DRY·Cooling·Heating Operation

Select your desired operation mode.

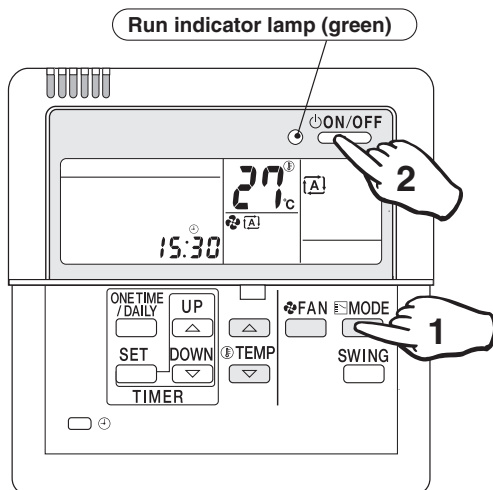
Once preset, the system can get restarted in the same operation mode.

1 Press  to select your desired operation mode.

- Each time the button is pressed, the mode changes as follows.



- The system does not have the FAN mode.



2 Press .

The run indicator lamp lights up.

■ To stop the operation:

Press  again.

The run indicator lamp goes out.

Automatic operation

- In Automatic, the temperature setting and operation mode (DRY, Cooling or Heating) are automatically selected according to the room temperature and outdoor temperature at the time of starting operation.

DRY operation










- In this mode, humidity is removed from the air.



Note


- While running in the DRY mode, you may feel cool or warm air from the air outlet. In such case, readjust the airflow direction with the vertical airflow direction blades. (except Duct Connected type)

■ To adjust the temperature and airflow rate:

| Setting to be adjusted \ Operation mode | Automatic | Cooling | Heating | DRY |
|--|--|---------|---------|----------------------------------|
|    (Temperature) | Temperature is adjustable. Recommended temperature Cooling : 26°C-28°C Heating : 20°C-22°C | | | Temperature cannot be adjusted. |
|   (Airflow rate) | Five levels of airflow rate setting from "  " to "  " plus "  " are available.  | | | Airflow rate cannot be adjusted. |

- When the unit runs in the cooling or heating mode at a low airflow rate, the cooling or heating effect may be insufficient.

■ To adjust the airflow direction:

( page 8)


Heating operation

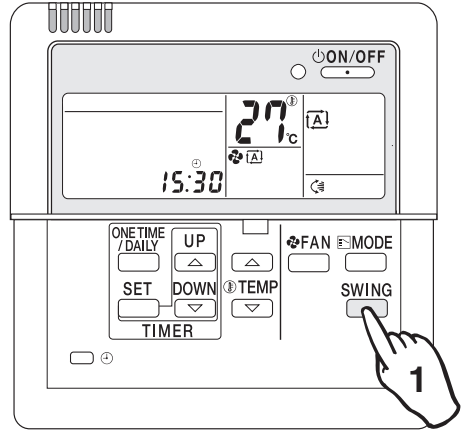
- Since the heating operation is performed by taking the heat from outdoor into the room, the heating capacity decreases as the outdoor temperature lowers. If the room is not heated sufficiently, it is recommended to use other heating appliance at the same time.
- Since the air conditioner heats the whole room by circulating hot air, it takes some time to heat the entire room completely.
- If the outdoor unit gets frosted during heating operation, the heating capacity is decreased. In such case, the unit starts defrosting operation.
- No hot air comes out of the indoor unit during defrosting operation.

Adjusting Airflow Direction

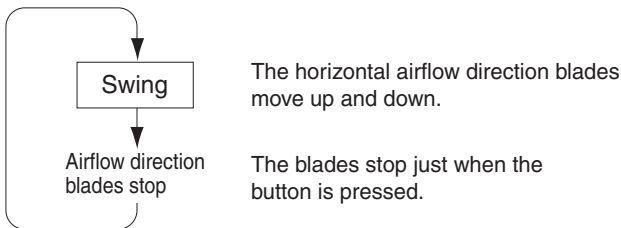
Adjust the airflow direction for maximum comfort.

To adjust the Airflow Direction

- 1 Press  during operation.
 - Each time the button is pressed, the airflow direction blades change their movement.



■ Wall Mounted Types (without horizontal swing function)



Adjustment of horizontal airflow direction

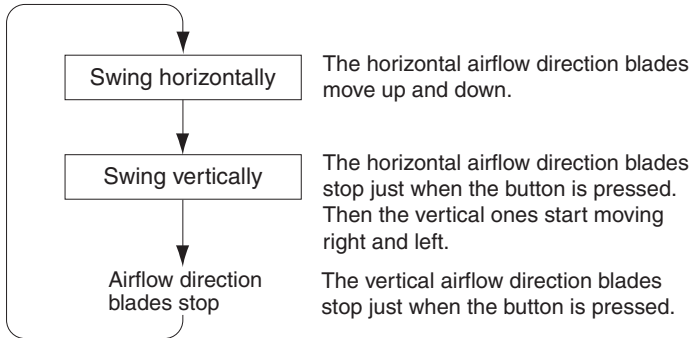
- The automatic moving range of the horizontal airflow direction blades varies depending on the operation mode.



Notes

- In fixing the horizontal airflow direction, keep the horizontal airflow direction blades tilted downward in the heating mode, and keep them nearly horizontal level in the cooling or DRY mode. This will enhance the cooling and heating effect.
- On the air-conditioners with vertical and horizontal swing function, be sure to adjust the airflow directions using the remote controller. Do not force to adjust them by hand, or the unit may malfunction.

■ Wall Mounted Type (with horizontal swing function)



- The vertical and horizontal ones cannot move at the same time.

■ Duct Connected Type (without swing function)

This function cannot be used.



Note

- The operating procedure and remote controller display are different depending on the indoor unit being connected. Also read "How to Adjust the Airflow Direction" in the Room Air-conditioner's Operation Manual.

Timer Operation

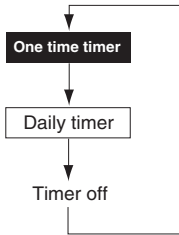
This function automatically turns off the operation when you fall asleep and turning it on when you wake up.

Use the daily timer mode on weekdays, and the One time timer mode on weekends for your convenience.

■ To select the One time timer mode:

1 Press **ONETIME/DAILY** to select the One time timer mode.

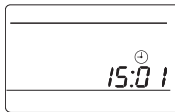
- Each time the button is pressed, the modes change as follows.



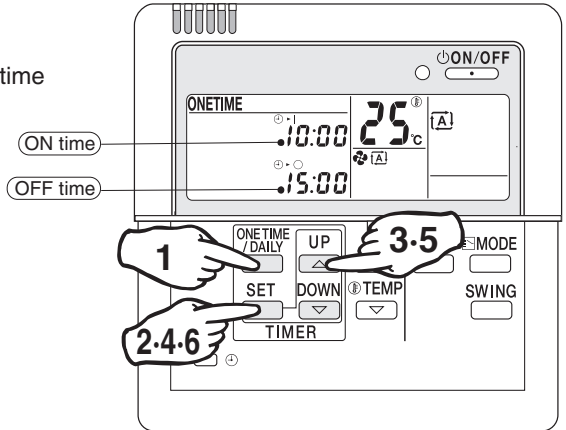
The timer lamp lights up.

■ To cancel the timer settings:

1 Press **ONETIME/DAILY** to get the timer settings out of the display.



The **ONE TIME** or **DAILY TIMER** disappears from the display, and the timer lamp goes out too.



(Timer settings displayed)



Notes

- Even when the timer has been off, its programmed settings are still in memory.
- Suppose that the system is timer-controlled but you have started it earlier than the ON time and stopped it before the ON time again with the ON/OFF button. Without the timer off, the system gets itself restarted at the ON time.

Precautions in setting the timer


- Before starting the timer operation, make sure the current time is correct. If not, set the clock correctly. (☞ page 5)
- In making time settings, --:-- is displayed to make it easy to disable the timer too.
- If one minute has passed before making any timer setting, the previous timer settings are reintroduced and the timer is on standby. In such case, use the **SET** (time setting) button and make your desired timer settings.



Timer operation



- When the ON timer is programmed, the system starts one hour (maximum) earlier so that the temperature set by the remote controller is reached just in time.
- When the One time timer is programmed, the current time disappears out of the display.

■ One time timer



Once the timer has been activated and deactivated, it gets in the OFF state. The ON timer or OFF timer alone can also be programmed.



1 Press  to select the One time timer. **4** Press .




ONE TIME  10:00
 0:00 light up.



ONETIME  10:00
 0:00 blinks.

2 Press .




5 Press   to make the OFF timer setting.



ONETIME  10:00
 0:00 blinks.

ONETIME  10:00
 15:00
 When the OFF timer is not used, save the setting as  0:--:--.

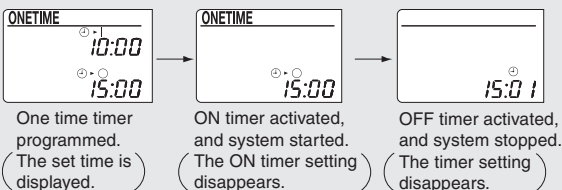
3 Press   to make the ON timer setting.

6 Press .
 (The One time timer is now programmed.)

ONETIME  10:00
 0:00
 When the ON timer is not used, save the setting as  1:--:--
 ● Each time the button is pressed, the setting changes in a 10-minute increment or decrement. Hold down the button, and the setting advances fast.

ONETIME  10:00
 15:00
 Both of the ON and OFF time cannot be set as --:--:--

What's on the display with the One time timer programmed




Notes

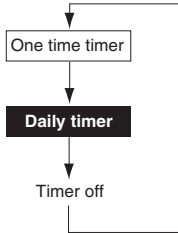
- In the following cases, reset the clock (the time setting is kept in the memory).
 - The circuit breaker has been activated.
 - The power fails.

Timer Operation

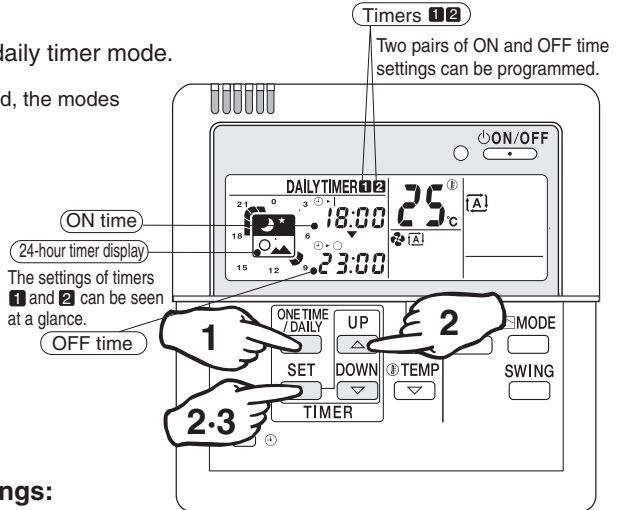
■ To select the daily timer mode:

1 Press  to select the daily timer mode.


- Each time the button is pressed, the modes change as follows.

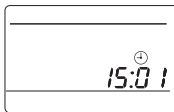


The timer lamp lights up.



■ To cancel the timer settings:

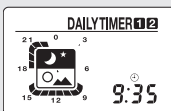
1 Press  to get the timer settings out of the display.



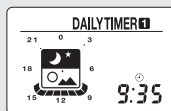
The **ONE TIME** or **DAILY TIMER** disappears from the display, and the timer lamp goes out too.

(Timer settings displayed)

What's on the display with the daily timer programmed



Timers **1** and **2** programmed.



Timer **1** alone programmed.




Note


- The system starts and stops repeatedly until the daily timer is set off. Before you leave home for a long time, set the daily timer off.

■ Daily timer

Once the timer has been programmed, the system starts and stops repeatedly at the preset times day after day. Two pairs of time settings can be programmed.




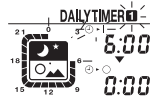
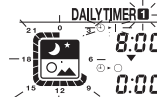

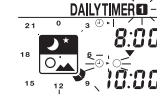
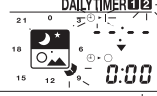
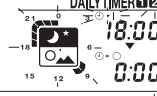


(Example: 8:00 ~ 10:00, and 18:00 ~ 23:00)

1 Press  to select the daily timer.

Daily timer indication appears.
 lights up.

2 Make the ON and OFF time settings. ● Take the steps from ① to ⑧.

Program example: 8:00 ~ 10:00, and 18:00 ~ 23:00

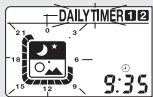
| Settings | | Procedure | Press  | Press  to make the timer setting.  | |
|----------|--|-----------|---|---|--|
| Timer 1 | ON time setting ● When the timer 1 is not used, save the setting as ①-①-①-① | ① |  | ② |  |
| | OFF time setting | ③ |  | ④ |  |
| Timer 2 | ON time setting ● When the timer 2 is not used, save the setting as ②-②-②-② | ⑤ |  | ⑥ |  |
| | OFF time setting | ⑦ |  | ⑧ |  |

3 Press  . (The daily timer is now programmed.)



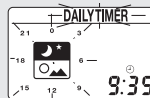
Note

- If the following appears on the display, the timer must be reprogrammed.



The 24-hour timer display is blinking.

This means that Timers 1 and 2 are programmed for the same time settings. New time settings must be made.



The 24-hour timer display is blinking.

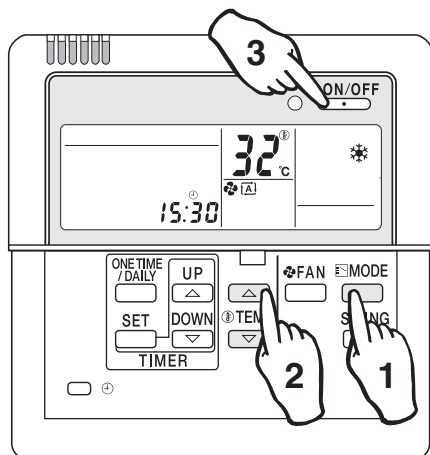
This means that the timer has not been programmed yet.

Cleaning

Cleaning the remote controller

- Wipe it clean with soft, dry cloth.
Do not use any water hotter than 40°C, volatile liquid such as benzene, gasoline and thinner, polishing powder, and anything hard such as scrub brush.

When the unit is not used for a long time



- ① On a sunny day, keep the system running for half a day in the FAN mode to dry it up inside.

FAN mode

- 1 Press to select the cooling mode.
- 2 Press to adjust the set temperature to 32°C.
- 3 Press .

- The airflow rate remains the same, not adjustable.
- Run the system when the room temperature is below 28°C.

- ② Finally turn off the circuit breaker dedicated for the room air-conditioner.
- ③ Clean up the air filter and place it back into position.

MEMO

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Minato-ku, Tokyo, 108-0075 Japan
http://www.daikin.com/global_ac/

DAIKIN EUROPE NV

Zandvoordestraat 300, B-8400 Oostende, Belgium

- **Give the following details when requesting repair:**

- Model of air conditioner
- Serial number and installation date
- Trouble - Describe in detail.
- Your name, address and phone number.

- **Maintenance checks**

After use over several seasons, the performance of the air conditioner will drop as dust accumulates inside it. Aside from your daily maintenance, you are advised to enter into a maintenance inspection contract (for a fee) with us.

Please consult your dealer for details of this professional service.

- **Inquiries**

Please consult your dealer concerning after-sales service.



Two-dimensional bar code
is a code for manufacturing.

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