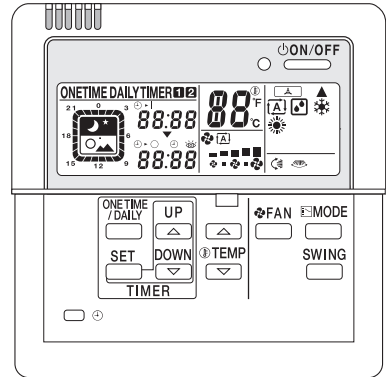


DAIKIN

DAIKIN ROOM AIR CONDITIONER

Operation Manual

OPTIONAL SLENDER REMOTE CONTROLLER



BRC944B2



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.
- Fill out the warranty card and store it in a safe place.

READ BEFORE OPERATION

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OPERATION

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Safety Precautions

- Keep this manual where the operator can easily find it.
- Read this manual carefully before starting the unit.
- For safety reason, the operator must read the following cautions carefully.
- This manual classifies precautions into DANGER, WARNING and CAUTION. Be sure to follow all precautions below: they are all important for ensuring safety.


 DANGER	 WARNING	 CAUTION
Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.	If you do not follow these instructions exactly, the unit may cause property damage, personal injury or loss of life.	If you do not follow these instructions exactly, the unit may cause minor or moderate property damage or personal injury.

-  Never do.
-  Be sure to ground the air conditioner.
-  Never touch the air conditioner (including the remote controller) with a wet hand.
-  Be sure to follow the instructions.
-  Never cause the air conditioner (including the remote controller) to get wet.






DANGER

- For refrigerant leakage, consult your dealer. Refrigerant gas is heavier than air and replaces oxygen. A massive leak could lead to oxygen depletion, especially in basements, and an asphyxiation hazard could occur leading to serious injury or death.
- Refrigerant gas may produce a toxic gas if it comes in contact with fire such as from a fan heater, stove or cooking device. Exposure to this gas could cause severe injury or death.
- Any abnormalities in the operation of the air conditioner such as smoke or fire could result in severe injury or death. Turn off the power and contact your dealer immediately for instructions.
- Do not install the unit in an area where flammable materials are present due to risk of explosion resulting in serious injury or death.
- If equipment utilizing a burner is used in the same room as the air conditioner, there is the danger of oxygen deficiency which could lead to an asphyxiation hazard resulting in serious injury or death. Be sure to ventilate the room sufficiently to avoid this hazard.
- Safely dispose of the packing materials. Packing materials, such as nails and other metal or wooden parts, may cause stabs or other injuries. Tear apart and throw away plastic packaging bags so that children will not play with them. Children playing with plastic bags face the danger of death by suffocation.

WARNING

- It is not good for health to expose your body to the air flow for a long time.
 - Do not put your finger, a rod or other objects into the air outlet or inlet. As the fan is rotating at a high speed and could, cause injury. Always keep small children away from the unit during operation.
 - Do not attempt to repair, relocate, modify or reinstall the air conditioner by yourself. Incorrect work or modifications could cause electric shocks, fire or other damage. For repairs and reinstallation, consult your Daikin dealer for advice and information.
-
- If the air conditioner is not cooling (heating) properly, the refrigerant may be leaking, contact your authorized dealer or qualified service repairman. When making repairs which requires adding refrigerant, consult with your authorized dealer or qualified service repairman. 
 - Do not attempt to install the air conditioner by yourself. Improper installation could result in water leakage, electric shocks or fire. For installation, consult your authorized dealer or a qualified technician.

CAUTION

- The air conditioner must be grounded to the earth. Improper grounding may result in electric shocks. Do not connect the earth grounding wire to a gas pipe, water pipe, lightning rod, or a telephone ground line. Follow all local and state electrical codes. 
- Do not use this unit for cooling precision instruments, food, plants, animals or works of art. 
- Never expose little children, plants or animals directly to the air flow.
- Do not block air inlets nor outlets. Impaired air flow may result in poor performance or equipment problems.
- Do not stand, sit, or place objects on the outdoor unit. To avoid injury, do not remove the fan guard.
- Do not place anything under the indoor or outdoor unit that must be kept away from moisture, such as electrical or electronic equipment. In certain conditions, moisture in the air may condense and drip.
- Check the unit stand and fittings for damage annually.
- Do not touch the air inlet and aluminum fins of outdoor unit. It may cause injury and/or damage the heat transfer surface.
- This appliance is NOT intended for use by young children or impaired persons without proper supervision.
- Young children should be supervised to ensure that they DO NOT play with or near the air flow of this appliance.
- Do not pull at the conduit or hang anything on it. Otherwise it will cause fire or electric shock.
- Do not touch the heat exchanger fins. Improper handling may result in injury.
- Do not turn off the power immediately after stopping operation. Always wait at least five minutes before turning off the power. Otherwise, water leakage and trouble may occur.
- To avoid personal injury or equipment damage be sure to stop the operation, turn the breaker off or pull out the supply cord before cleaning or servicing the unit. NOTE: More than one disconnect may be required to shut off all power. 
- Do not connect the air conditioner to a power supply different from the one specified. It may cause improper operation or fire.
- Depending on the environment, state and local electrical codes, a ground fault circuit interrupter may be required. Improper grounding or lack of a ground fault circuit interrupter may result in electrical shock, injuries, or death.
- Arrange the drain hose to ensure smooth drainage. Improper drainage may cause water damage to the building, or it's furnishing.
- Depending on the usage environment, water may leak from the air conditioner. If this happens, contact your Daikin Dealer.
- Safely dispose of the packing materials. Packing materials, such as nails and other metal or wooden parts, may cause stabs or other injuries. Tear apart and throw away plastic packaging bags so that children will not play with them. If children play with a plastic bag which was not torn apart, they face the risk of suffocation.
- The remote controller should be installed in such away that children cannot play with it.
- Do not place objects in direct proximity of the outdoor unit and do not let leaves and other debris accumulate around the unit. 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.
- Do not operate the air conditioner with wet hands. 
- Do not wash the indoor unit with excessive water, only use a slightly wet cloth. 
- Do not place things such as vessels containing water or anything else on top of the unit. Water may penetrate into the unit and degrade electrical insulations, resulting in an electric shock.

Installation site.

- To install the air conditioner in the following types of environments, consult your authorized dealer.
 - Places with an oily ambient or where steam or soot occurs.
 - Salty environment such as coastal areas.
 - Places where sulfide gas occurs such as hot springs.
 - Places where snow may block the outdoor unit.

The drain from the outdoor unit must be discharged to a place of good drainage.

Consider nuisance to your neighbors from noises.

- For installation, choose a place as described below.
 - A place solid enough to bear the weight of the unit which does not amplify the operation noise or vibration.
 - A place from where the air discharged from the outdoor unit or the operation noise will not annoy your neighbors.

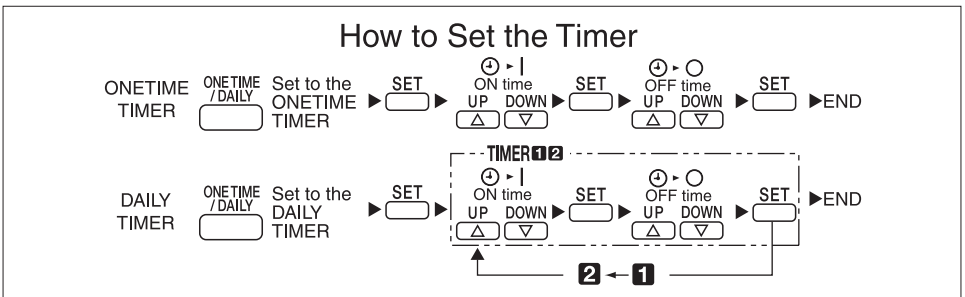
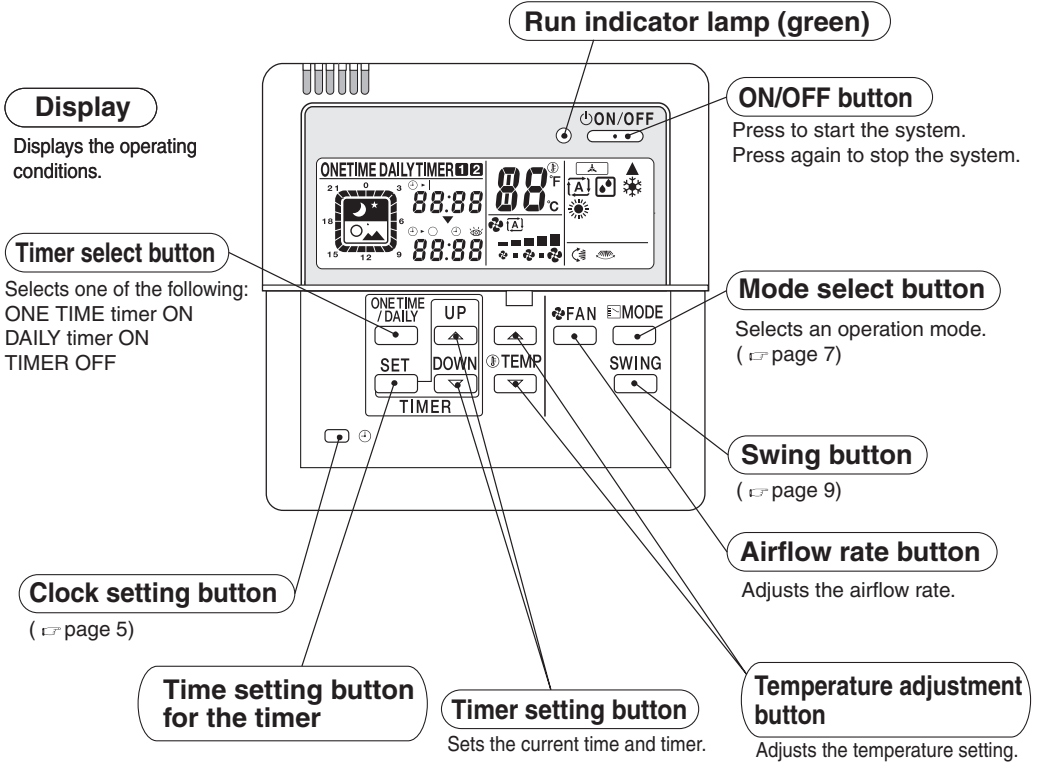
Electrical work.

- For power supply, be sure to use a separate power circuit dedicated to the air conditioner. Follow all local and state electrical codes.

System relocation.

- Relocating the air conditioner requires specialized knowledge and skills. Please consult your authorized dealer if relocation is necessary for moving or remodeling.

Controller Commands and their Corresponding Functions



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.

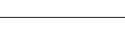
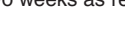
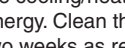
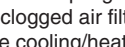
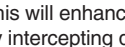
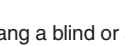
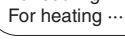
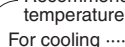
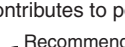
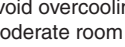
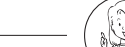
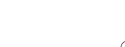
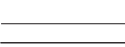
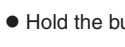
■ Setting the current time

1 Press .



The current time starts blinking.
0:00 lights up.

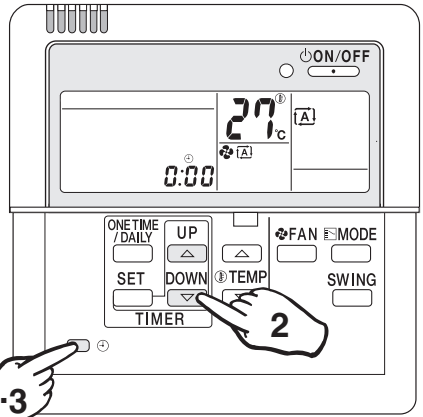
2 Press and and set the current time.



: 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 (79°F~82°F)

For heating 20~22°C (68°F~72°F)
- 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 reduces the cooling/heating effect and wastes energy. 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 (14°F to 115°F)
	Room temp.	18 to 32°C (64°F to 90°F)
	Indoor humidity	Less than 80%
DRY	Outdoor temp.	-10 to 46°C (14°F to 115°F)
	Room temp.	18 to 32°C (64°F to 90°F)
	Indoor humidity	Less than 80%
Heating	Outdoor temp.	-15 to 20°C (5°F to 68°F)
	Room temp.	Less than 27°C


- Operation limit differ according to the model.

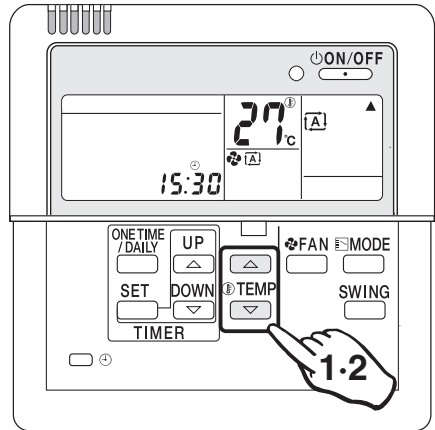
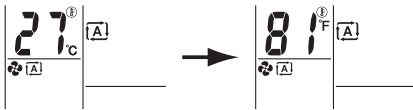
Preparation before Operation

■ Setting Temperature Indication change


Temperature indication can be changed between Celsius and Fahrenheit before use.

To change from Celsius temperature indication to Fahrenheit one

- 1 Press and hold down  at the same time for 5 seconds while the Celsius temperature is indicated.



To change from Fahrenheit temperature indication to Celsius one

- 2 Press and hold down  at the same time for 5 seconds while the Fahrenheit temperature is indicated.



Notes

■ Temperature indication change between Celsius and Fahrenheit on the remote controller

- Change the temperature indication in the modes other than the DRY mode.
In the DRY mode, temperature indication setting cannot be changed because the temperature is not indicated.
- When the Fahrenheit temperature indication is changed to Celsius one, the temperature value (0.5°C) will be rounded up. Thus, the preset temperature may be changed.

Example:


A preset temperature of 65°F (equivalent to 18.5°C) will be changed to 19°C (66°F) by changing the temperature indication. In this case, if you change the Celsius temperature indication again to the Fahrenheit one, the preset temperature is shown not as 65°F but as 66°F (equivalent to 19°C). If the preset temperature is 66°F (equivalent to 19°C) and is changed to the Celsius temperature indication, the indication becomes 19°C (66°F). In this case, no change by the temperature indication change is observed.

- When the temperature indication change is set, the preset temperature is transmitted to the indoor unit so that the reception sound will be heard from the indoor unit.

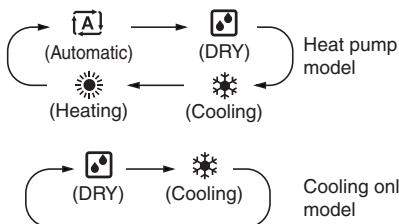
Automatic·DRY·Cooling·Heating Operation

Select your desired operation mode.

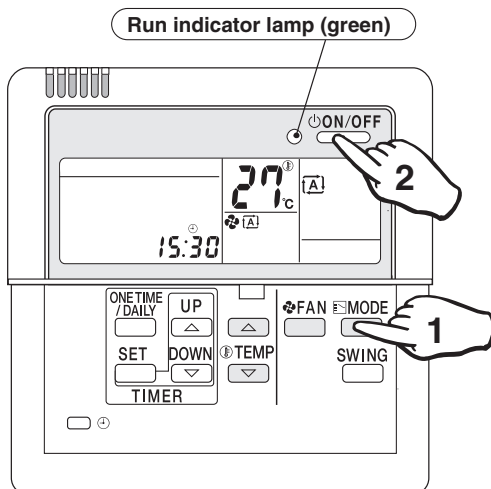
Once preset, the system can get restarted in the same operation mode.

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 this case, readjust the airflow direction with the vertical airflow direction louvers. (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 (79°F~82°F) Heating : 20°C-22°C (68°F~72°F)			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 9)


Heating operation

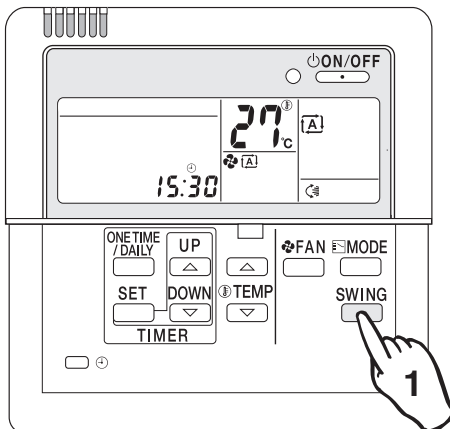
- Since the heating operation is performed by taking the heat from outdoor into the room, the heating capacity decreases as the outdoor temperature lowers. If the room is not heated sufficiently, it is recommended to use other heating appliance at the same time.
- Since the air conditioner heats the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

Adjusting Airflow Direction

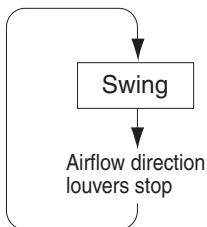
Adjust the airflow direction for maximum comfort.

To adjust the Airflow Direction

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



■ Wall Mounted Types (without horizontal swing function)



The horizontal airflow direction louvers move up and down.

The louvers stop just when the button is pressed.

Adjustment of horizontal airflow direction

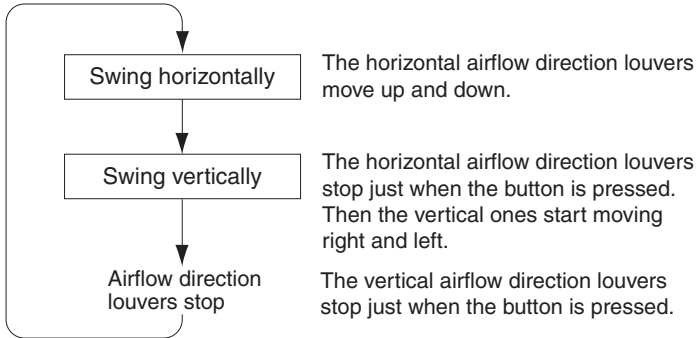
- The automatic moving range of the horizontal airflow direction louvers varies depending on the operation mode.



Notes

- In fixing the horizontal airflow direction, keep the horizontal airflow direction louvers 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 forcibly adjust louvers by hand or a malfunction may occur.

■ Wall Mounted Type (with horizontal swing function)



- The vertical and horizontal louvers 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. Read **How to Adjust the Airflow Direction** in the air conditioner's Operation Manual.

Timer Operation

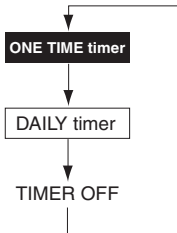
The Timer Operation feature automatically turns off operation when you go to sleep and turns it back on when you wake up.

Use the DAILY Timer mode on weekdays, and the ONE TIME timer mode on weekends.

■ To select the ONE TIME timer mode:


1 Press  to select the ONE TIME timer mode.

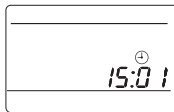
- Each time the button is pressed, the modes change as follows.



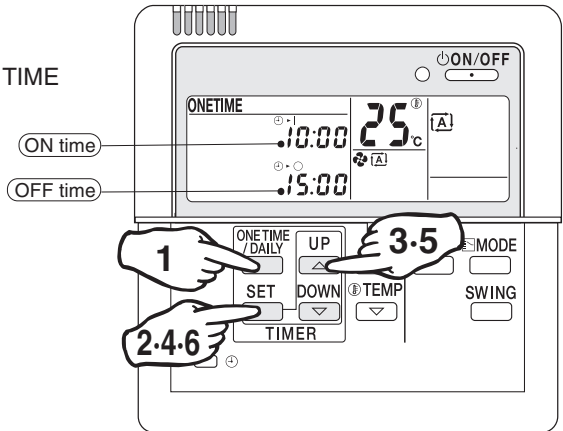
The timer lamp lights up.

■ To cancel the timer settings:

1 Press  to clear the timer settings.



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.
- If the system has the timer control ON but you start and stop it manually using the ON/OFF button before the designated ON time, the system will restart again at the programmed 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 this case, use the  (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 is no longer displayed.

■ ONE TIME timer


Once the timer has been activated and then deactivated, it is in the OFF mode. The ON or OFF timers can be programmed.

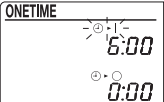

1 Press  to select the ONE TIME timer. **4** Press .



ONE TIME  10:00
 0:00 light up.


  blinks.

2 Press .



5 Press  to make the OFF timer setting.

  blinks.



 When the OFF timer is not used, save the setting as  0:00.

3 Press  to make the ON timer setting.

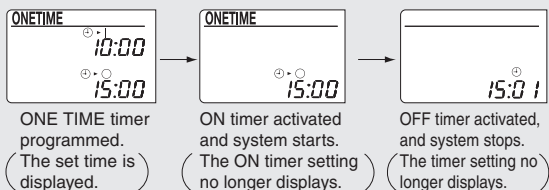
6 Press .
 (The ONE TIME timer is now programmed.)

 When the ON timer is not used, save the setting as  10:00.

- Each time the button is pressed, the setting changes in a 10-minute increment or decrement. Hold the button down to advance quickly.

 Both of the ON and OFF time cannot be set as  0:00.

Example of display with the ONE TIME timer programmed




Notes

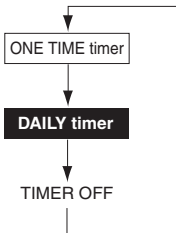
- In the following cases, reset the clock (the time setting is kept in the memory).
 - The circuit breaker has been activated.
 - The power fails.

Timer Operation

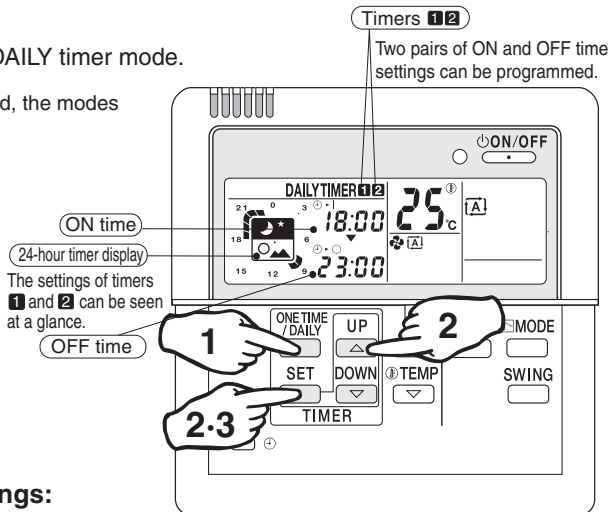
■ To select the DAILY timer mode:

1 Press  to select the DAILY timer mode.

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




The timer lamp lights up.

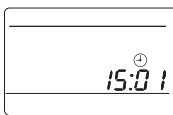


Timers 1 2

Two pairs of ON and OFF time settings can be programmed.

■ To cancel the timer settings:

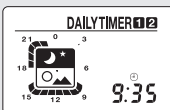
1 Press  to clear the timer settings.



The **ONE TIME** or **DAILY TIMER**, and the timer lamp are no longer displayed.

(Timer settings displayed)

Example of display with 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.

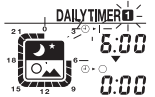
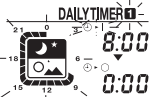

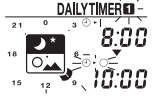
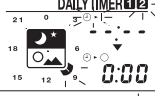
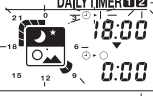


■ DAILY timer

After programming, the system starts and stops each day at the preset times. 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.  lights up. DAILY timer indication appears.

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 <input type="button" value="SET"/>	Press <input type="button" value="UP"/> to make the timer setting. <input type="button" value="DOWN"/>	
Timer 1	ON time setting ● When the timer 1 is not used, save the setting as ①- - - -	①		②	
	OFF time setting	③		④	
Timer 2	ON time setting ● When the timer 2 is not used, save the setting as ⑤- - - -	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.

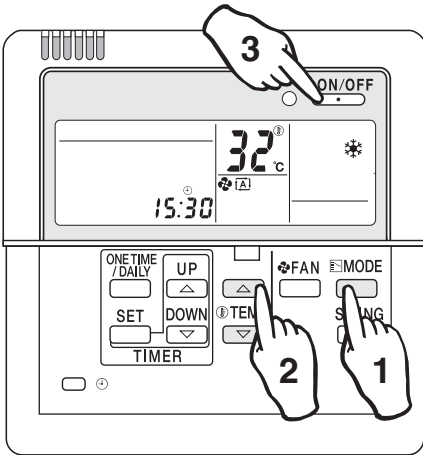
This means that the timer has not been programmed yet.

Cleaning

Cleaning the remote controller




- Wipe it clean with soft, dry cloth.
Do not use any water hotter than 40°C (104°F), or volatile liquids such as benzene, gasoline and thinner, polishing powder, or anything hard such as a 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 (90°F).
 - 3 Press  .
 - The airflow rate remains the same, and is not adjustable.
 - Run the system when the room temperature is below 28°C (82°F).
- ② Finally turn off the circuit breaker dedicated for the room air conditioner.
 - ③ Clean the air filter and place it back into position.

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- **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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