

# DAIKIN AIR CON MANUALS

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# Names of Parts

## Remote controller



### Display

It displays the current settings.  
(In this illustration, each section is shown with all its displays ON for the purpose of explanation.)

### OFF TIMER button

(See page 15.)

### ON TIMER button

(See page 15.)

### MODE selector button

It selects the operation mode.  
(AUTO / DRY / COOL / HEAT / FAN)  
(See page 10.)

### POWERFUL button

(See page 12.)

### HOME LEAVE button

(See page 13.)

### Transmitter

It sends signals to the indoor unit.

### ON/OFF button

Press it once to start operation. To stop it, press it once again.

### TEMPERATURE / TIME adjustment buttons

It changes the temperature or time setting.

### CLOCK button

(See page 9.)

### TIMER CANCEL button

It cancels the timer setting.

### FAN setting button

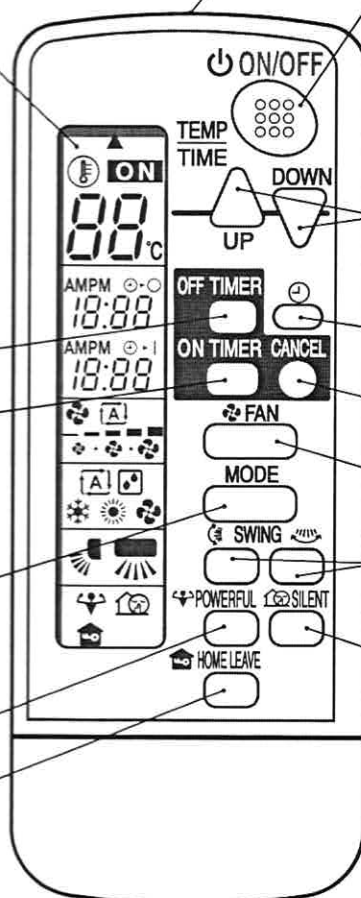
It selects the air flow rate setting.

### SWING buttons

(See page 11.)

### OUTDOOR UNIT SILENT button

(See page 12.)

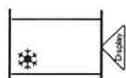


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## AUTO • DRY • COOL • HEAT • FAN Operation

The air conditioner operates with the settings of your choice.  
From the next time on, the air conditioner will operate with the same settings.

**1** Press **MODE** and select a mode.

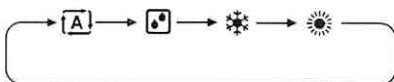


- Each pressing of the button advances the mode setting in sequence.

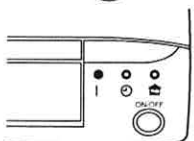
<FTKD>



<FTXD>



**2** Press **ON/OFF**.



Then OPERATION lamp lights up.

**To stop:**

Press **ON/OFF** once again.

Then OPERATION lamp goes off.

**To change the temperature setting:**

DRY or FAN mode	AUTO or HEAT or COOL mode
The temperature setting is not variable.	Press <b>UP</b> to raise the temperature and <b>DOWN</b> to lower the temperature. Set to the temperature you like.

**To change the air flow rate setting:**

Press **FAN**.

DRY mode	COOL or FAN mode
The air flow rate setting is not variable.	Five levels of air flow rate setting from " " to " " plus " " are available.

- At smaller air flow rates, the cooling effect is also smaller.

**To change the air flow direction:**  
(See page 11.)

### NOTE

#### <Note on HEAT mode operation>

- Since this air conditioner heats the room by taking heat from outdoor air to indoors, the heating capacity becomes smaller in lower outdoor temperatures. If the heating effect is insufficient, it is recommended to use another heating appliance in combination with the air conditioner.
- The heat pump system heats the room by circulating hot air around all parts of the room. After the start of heating operation, it takes some time before the room gets warmer.
- In heating operation, frost may occur on the outdoor unit and lower the heating capacity. In that case, the system switches into defrosting operation to take away the frost.
- During defrosting operation, hot air does not flow out of indoor unit.

#### <Note on AUTO operation>


- In AUTO operation, the system selects a temperature setting and an appropriate mode (COOL or HEAT) based on the room temperature at the start of the operation.
- The system automatically reselects setting at a regular interval to bring the room temperature to user-setting level.
- If you do not like AUTO operation, you can select manually, you like the mode and setting.

## Adjusting the Air Flow Direction

You can adjust the air flow direction to increase your comfort.

### Adjusting the horizontal blade (flap)


Press .

- Every time the button is pressed, "" appears or disappears.



..... The flap automatically swings up and down.



..... To stop the flap at an angle you like, press .

### Adjusting the vertical blade (louvre)


Press .

- Every time the button is pressed, "" appears or disappears.



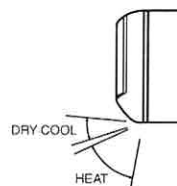
..... The louvre automatically swings right and left.



..... To stop the flap at an angle you like, press .

### Notes on flap angles



- When [SWING] is selected, the flap swinging range depends on the operation mode. (See the figure.)
- When [SWING] is selected in heating operation, the flap and the diffuse swing up and down in combination.
- The diffuser is kept open in DRY or COOL mode.



### 3-D air flow

The 3-D air flow function controls the air flow by alternating the horizontal swing (up and down) and vertical swing (left and right).



This provides good air circulation throughout the room and reduces temperature fluctuations.

Press  and  during the air conditioner is operating.



The up/down and left/right swing displays on the remote controller will move.

### ■ To cancel 3-D air flow:

Press  or .

### NOTE

Unless [SWING] is selected, you should set the flap at a downward angle in HEAT mode and at a nearhorizontal angle in COOL or DRY mode to obtain the best performance.

### ATTENTION

- Always use a remote controller to adjust the flap angle. If you attempt to move it forcibly with hand when it is swinging, the mechanism may be broken.

## POWERFUL Operation


POWERFUL operation quickly maximizes the cooling effect in any operation mode. You can get the maximum capacity with a touch of a button.

- Pressing the (POWERFUL) button during operation starts POWERFUL operation.
- POWERFUL operation ends in 20 minutes. Then the system automatically operates again with the settings which were used before POWERFUL operation.
- During you use "POWERFUL operation", the other functions will not go on.

1 Press .



### ■ To cancel POWERFUL operation:

Press .

### Notes on POWERFUL operation

- **In COOL and HEAT mode**  
To maximize the cooling and heating effect, the capacity of outdoor unit must be increased and the air flow rate be fixed to the maximum setting.  
The temperature and air flow settings are not variable.
- **In DRY mode**  
The temperature setting is lowered by 3°C and the air flow rate is slightly increased.
- **In FAN mode**  
The air flow rate is fixed to the maximum setting.


## OUTDOOR UNIT SILENT Operation

OUTDOOR UNIT SILENT operation lowers the noise-level of the outdoor unit by changing the frequency and fan rpm on the outdoor unit. This function is convenient when sleeping, etc.

### How to use OUTDOOR UNIT SILENT operation

- This function is available in COOL, HEAT, and AUTO modes.

### ■ To use the "OUTDOOR UNIT SILENT operation"

Press .

### ■ To cancel the "OUTDOOR UNIT SILENT operation"

Press  again.

### Note on OUTDOOR UNIT SILENT operation


- This function is available in COOL, HEAT, and AUTO modes.  
(This is not available in FAN and DRY modes.)
- Using POWERFUL operation (P12) during OUTDOOR UNIT SILENT operation will disengage OUTDOOR UNIT SILENT operation.
- Turning the unit off either with the remote control or by flipping the switch on the unit during OUTDOOR UNIT SILENT operation will shut the unit off. The unit will continue in OUTDOOR UNIT SILENT operation when turned back on.

## Timer Operation


Timer functions are useful for automatically switching the air conditioner on or off at night or in the morning. You can also use OFF TIMER and ON TIMER in combination.

### OFF TIMER operation

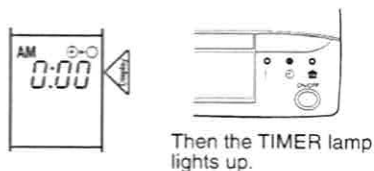
- Check that the clock is correct.  
If not, set the clock to the present time. (See page 9.)

- 1 Press  while the air conditioner is operating.




- 2 Press  until the time setting reaches the point you like.
  - Every pressing of either button increases or decreases the time setting by ten minutes. Holding down either button changes the setting rapidly.

- 3 Press  once again.



### ■ To cancel the timer:


- Press .
- Then the TIMER lamp goes off.

### Notes on OFF TIMER


- NIGHT SET MODE  
When the OFF TIMER is set, the air conditioner automatically adjusts the temperature setting (0.5°C up in COOL) to prevent excessive cooling for your pleasant sleep.

### ON TIMER operation

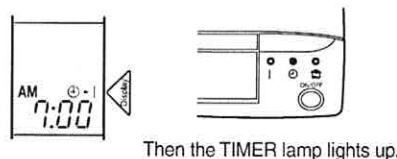
- Check that the clock is correct. If not, set the clock to the present time (See page 9).

- 1 Press  while the air conditioner is not operating.



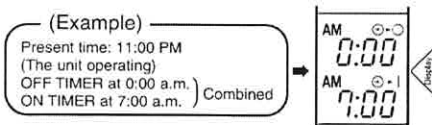
- 2 Press  until the time setting reaches the point you like.
  - Every pressing of either button increases or decreases the time setting by 10 minutes. Holding down either button changes the setting rapidly.

- 3 Press  once again.



### Combining ON TIMER and OFF TIMER

- A sample setting for combining the two timers is shown below.



### Notes on ON,OFF TIMER

- When TIMER is set, the present time is not displayed.
- Once you set ON,OFF TIMER, the time setting is kept in the memory. (The memory is canceled when remote controller batteries are replaced.)

### ATTENTION

- In the following cases, set the timer again.
  - After a breaker has turned OFF.
  - After a power failure.
  - After replacing batteries in the remote controller.

## Care and Cleaning



### CAUTION

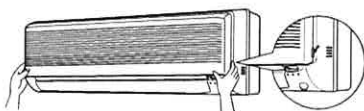
Before cleaning, be sure to stop the operation and turn the breaker OFF.

### Cleaning the air filters

(It is recommended to clean them every two weeks.)

#### 1 Open the front grille.

- Hold the grille by the tabs on the two sides and lift it until it stops with a click. (about 60°)



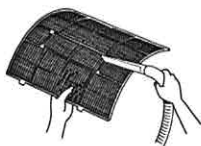
#### 2 Pull out the air filters.

- Push a little upwards the tab at the center of each air filter, then pull it down.

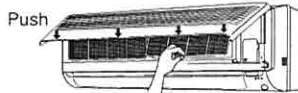


#### 3 Take off the air purifying filters and clean them.

- Wash them with water, or clean them with a vacuum cleaner.
- If the dust does not come off easily, wash them with neutral detergent thinned with lukewarm water, then dry them up in the shade.



#### 4 Set the air purifying filters and the air filters as they were and close the front grille.



- Insert claws of the filters into slots of the front panel. The front grille should lock at both sides and at the point in the middle. Push the grille at the 4 points indicated by ↓.

### NOTE

- In a dusty environment, clean the air filters at least once in every two weeks.
- Operation with dusty air filters lowers the cooling and heating capacity and wastes energy.

### Cleaning the indoor and outdoor units and the remote controller

- Wipe them with dry soft cloth.  
For cleaning, do not use water hotter than 40°C, benzine, gasoline, thinner, nor other volatile oils, polishing compound, scrubbing brushes nor other hard stuff.

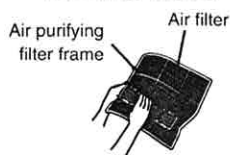
### Replacing air purifying filters

(It is recommended to replace them every three months.)

- Air purifying filters need to be replaced regularly.

#### 1 Open the front grille and pull out the air filters.

#### 2 Take off the air purifying filters.



- Hold the recessed parts of the frame and unhook the four claws.

#### 3 Detach the filter element and attach a new one.



#### 4 Attach the air purifying filter.



#### 5 Set the air filters as they were and close the front grille.

(Push the grille at the 4 points, two at both sides and in the middle.)

### NOTE

- To order air purifying filters, contact the service shop where you bought the air conditioner.
- Once the air purifying filter element gets dirty, it is not reusable but must be thrown away.
- Operation with dirty air purifying filters :
  - cannot clean the air.
  - results in poor cooling.
  - may cause odour.

Item	Part No.
Air purifying filter (with frame)	KAF918A41
Air purifying filter (without frame)	KAF918A42

# Care and Cleaning

## Cleaning the front grille

You may remove the front grille for cleaning.

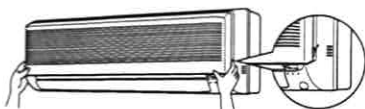


### CAUTION

- When removing or attaching the front grille, use a robust and stable stool and watch your steps carefully.
- When removing or attaching the front grille, support the grille securely with hand to prevent it from falling.
- For cleaning, do not use water hotter than 40°C, benzene, gasoline, thinner, nor other volatile oils, polishing compound, scrubbing brushes nor other hard stuff.
- After cleaning, make sure that the front grille is securely fixed.

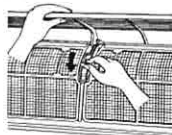
### 1 Open the front grille.

- Hold the grille by the tabs on the two sides and lift it until it stops with a click.



### 2 Remove the front grille.

- Supporting the front grille with one hand, release the lock by sliding down the knob with the other hand.
- To remove the front grille, pull it toward yourself with both hands.



### 3 Clean the front grille.

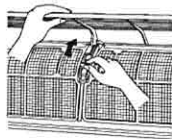
- You may wipe it with a soft cloth soaked in water.
- Only neutral detergent may be used.
- You may wash the grille with water. After washing, dry it with cloth, then dry it up in the shade.

### 4 Attach the front grille.

- Set the 3 keys of the front grille into the slots and push them in all the way.
- Supporting the front grille with one hand, fit the lock by sliding up the knob with the other hand.
- Close the front grille slowly in this state. (Push the grille at the 3 points, two at both sides and in the middle.)



Fit the key into the slot.



Slide up the knob.

## Check

Check that the base, stand and other fittings of the outdoor unit are not decayed or corroded.

Check that nothing blocks the air inlets and the outlets of the indoor unit and the outdoor unit.

Check that the earth wire is not disconnected or broken.

Check that the drain comes smoothly out of the drain hose during COOL or DRY operation.

- If no drain water is seen, water may be leaking from the indoor unit. Stop operation and consult the service shop if this is the case.

## Before a long idle period

- 1 Operate the fan alone for several hours on a fine day to dry out the inside.

<FTK>

- 1 Press **MODE** and select "❄".

- 2 Press **ON/OFF**.

<FTX>

- 1 Press **MODE** and select "❄".

- 2 Press **UP** **DOWN** and set the temperature to 32°C

- 3 Press **ON/OFF**.

- Perform this operation when the room temperature is under 28°C.

- 2 Clean the air filters and set them again.
- 3 Take out batteries from the remote controller.
- 4 Turn OFF the breaker for the room air conditioner.



# Trouble Shooting

## ● These cases are not troubles.

The following cases are not air conditioner troubles but have some reasons. You may just continue using it.

Case	Explanation
<b>Operation does not start soon.</b> <ul style="list-style-type: none"> <li>● When ON/OFF button was pressed soon after operation was stopped.</li> <li>● When the mode was reselected.</li> </ul>	<ul style="list-style-type: none"> <li>● This is to protect the air conditioner. You should wait for about 3 minutes.</li> </ul>
<b>Hot air does not flow out soon after the start of heating operation.</b>	<ul style="list-style-type: none"> <li>● The air conditioner is warming up. You should wait for 1 to 4 minutes. (The system is designed to start discharging air only after it has reached a certain temperature.)</li> </ul>
<b>The heating operation stops suddenly and a flowing sound is heard.</b>	<ul style="list-style-type: none"> <li>● The system is taking away the frost on the outdoor unit. You should wait for about 3 to 10 minutes.</li> </ul>
<b>The outdoor unit emits water or steam.</b>	<ul style="list-style-type: none"> <li>■ In HEAT mode <ul style="list-style-type: none"> <li>● The frost on the outdoor unit melts into water or steam when the air conditioner is in defrost operation.</li> </ul> </li> <li>■ In COOL or DRY mode <ul style="list-style-type: none"> <li>● Moisture in the air condenses into water on the cool surface of outdoor unit piping and drips.</li> </ul> </li> </ul>
<b>Mists come out of the indoor unit.</b>	<ul style="list-style-type: none"> <li>■ This happens when the air in the room is cooled into mist by the cold air flow during cooling operation.</li> </ul>
<b>The indoor unit gives out odour.</b>	<ul style="list-style-type: none"> <li>■ This happens when smells of the room, furniture, or cigarettes are absorbed into the unit and discharged with the air flow. (If this happens, we recommend you to have the indoor unit washed by a technician. Consult the service shop where you bought the air conditioner.)</li> </ul>
<b>The outdoor fan rotates while the air conditioner is not in operation.</b>	<ul style="list-style-type: none"> <li>■ After operation is stopped: <ul style="list-style-type: none"> <li>● The outdoor fan continues rotating for another 60 seconds for system protection.</li> </ul> </li> <li>■ While the air conditioner is not in operation: <ul style="list-style-type: none"> <li>● When the outdoor temperature is very high, the outdoor fan starts rotating for system protection.</li> </ul> </li> </ul>
<b>The operation stopped suddenly. (OPERATION lamp is on)</b>	<ul style="list-style-type: none"> <li>■ For system protection, the air conditioner may stop operating on a sudden large voltage fluctuation. It automatically resumes operation in about 3 minutes.</li> </ul>

# Trouble Shooting

## ● Check again

Please check again before calling a repair person.

Case	Check
The air conditioner does not operate. (OPERATION lamp is off)	<ul style="list-style-type: none"> <li>● Hasn't a breaker turned OFF or a fuse blown?</li> <li>● Isn't it a power failure?</li> <li>● Are batteries set in the remote controller?</li> <li>● Is the timer setting correct?</li> </ul>
Cooling or Heating effect is poor.	<ul style="list-style-type: none"> <li>● Are the air filters clean?</li> <li>● Is there anything to block the air inlet or the outlet of the indoor and the outdoor units?</li> <li>● Is the temperature setting appropriate?</li> <li>● Are the windows and doors closed?</li> <li>● Are the air flow rate and the air direction set appropriately?</li> </ul>
Operation stops suddenly. (OPERATION lamp blinks.)	<ul style="list-style-type: none"> <li>● Are the air filters clean?</li> <li>● Is there anything to block the air inlet or the outlet of the indoor and the outdoor units? Clean the air filters or take all obstacles away and turn the breaker OFF. Then turn it ON again and try operating the air conditioner with the remote controller. If the lamp still blinks, call the service shop where you bought the air conditioner.</li> <li>● Are operation modes all the same for indoor units connected to outdoor units in the <b>multi system</b>? If not, set all indoor units to the same operation mode and confirm that the lamps blink. Moreover, when the operation mode is in "AUTO", set all indoor unit operation modes to "COOL" or "HEAT" for a moment and check again that the lamps are normal. If the lamps stop blinking after the above steps, there is no malfunction. (See page 12.)</li> </ul>
An abnormal functioning happens during operation.	<ul style="list-style-type: none"> <li>● The air conditioner may malfunction with lightening or radio waves. Turn the breaker OFF, turn it ON again and try operating the air conditioner with the remote controller.</li> </ul>

# Trouble Shooting

- Call the service shop immediately.

## WARNING

- When an abnormality (such as a burning smell) occurs, stop operation and turn the breaker OFF.  
Continued operation in an abnormal condition may result in troubles, electric shocks or fire.  
Consult the service shop where you bought the air conditioner.
- Do not attempt to repair or modify the air conditioner by yourself.  
Incorrect work may result in electric shocks or fire.  
Consult the service shop where you bought the air conditioner.

If one of the following symptoms takes place, call the service shop immediately.

- The power cord is abnormally hot or damaged.
- An abnormal sound is heard during operation.
- The safety breaker, a fuse, or the earth leakage breaker cuts off the operation frequently.
- A switch or a button often fails to work properly.
- There is a burning smell.
- Water leaks from the indoor unit.

Turn the breaker OFF and call the service shop.

### ■ After a power failure

The air conditioner automatically resumes operation in about three minutes. You should just wait for a while.

### ■ Lightening

If lightening may strike the neighbouring area, stop operation and turn the breaker OFF for system protection.

## **We recommend periodical maintenance**

In certain operating conditions, the inside of the air conditioner may get foul after several seasons of use, resulting in poor performance. It is recommended to have periodical maintenance by a specialist aside from regular cleaning by the user. For specialist maintenance, contact the service shop where you bought the air conditioner.

The maintenance cost must be born by the user.