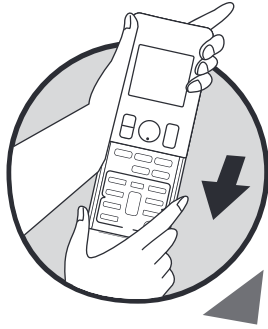


■ Open the front cover



MODE selector button
 • Selects the operation mode.
 (AUTO/DRY/COOL/HEAT/
 FAN) ▶Page 11

ECONO/QUIET button
 • ECONO/OUTDOOR UNIT
 QUIET operation. ▶Page 18

COMFORT/SENSOR button
 • COMFORT AIRFLOW /
 INTELLIGENT EYE
 operation. ▶Page 15

SWING button
 • Adjusts the airflow direction.
 ▶Page 14

**OFF TIMER button
 (NIGHT SET mode)**
 ▶Page 20

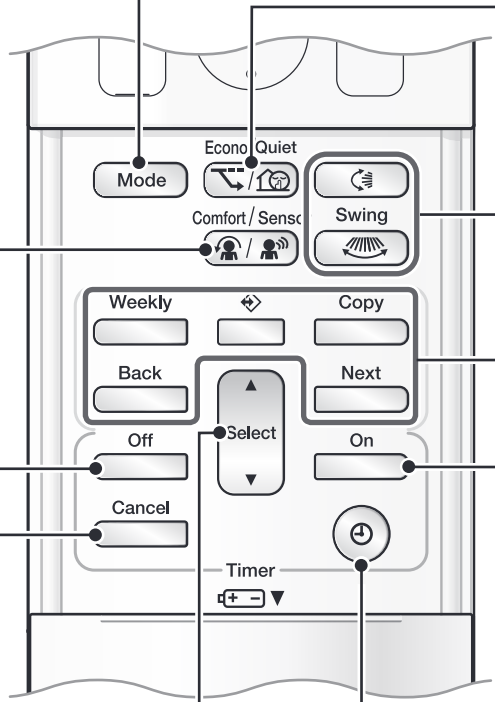
Weekly
 [] : WEEKLY button
 [] : PROGRAM button
 Copy
 [] : COPY button
 Back
 [] : BACK button
 Next
 [] : NEXT button
 • WEEKLY TIMER operation.
 ▶Page 21

TIMER CANCEL button
 • Cancels the timer setting.
 ▶Page 19,20
 • Cannot be used for the
 WEEKLY TIMER operation.

ON TIMER button
 ▶Page 19

SELECT button
 • Changes the clock, ON/OFF
 TIMER and WEEKLY TIMER
 settings.

CLOCK button ▶Page 10





AUTO · DRY · COOL · HEAT · FAN Operation

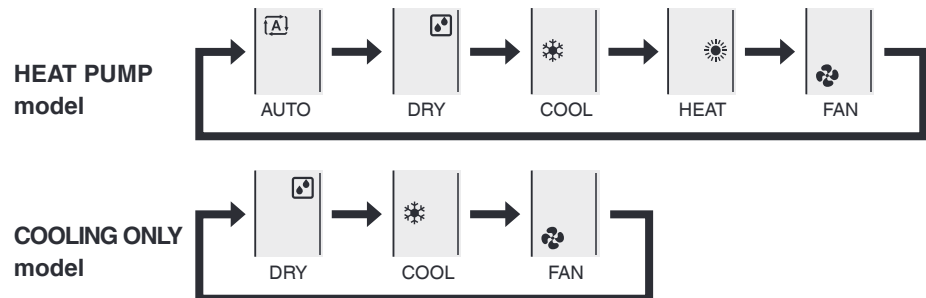


The air conditioner operates with the operation mode of your choice. From the next time on, the air conditioner will operate with the same operation mode.

To start operation

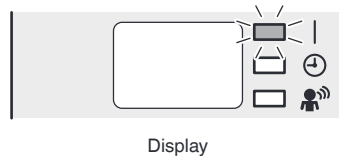
1. Press and select an operation mode.

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



2. Press .

- “**ON**” is displayed on the LCD.
- The OPERATION lamp lights green.



To stop operation

Press again.

- “**ON**” disappears from the LCD.
- The OPERATION lamp goes off.

NOTE

Notes on AUTO operation

- In AUTO operation, the system selects an appropriate operation mode (COOL or HEAT) based on the indoor temperature and starts the operation.
- The system automatically reselects setting at a regular interval to bring the indoor temperature to the user-setting level.

Note on DRY operation

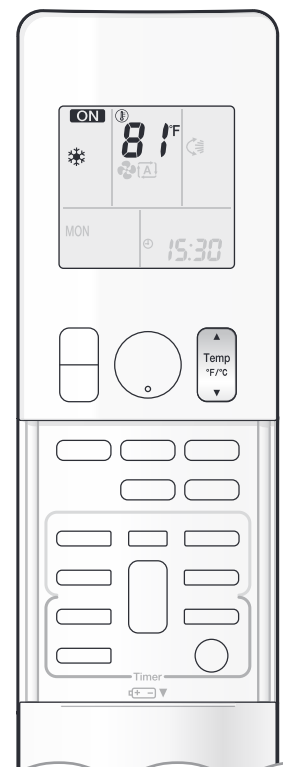
- Eliminates humidity while maintaining the indoor temperature as much as possible. It automatically controls temperature and airflow rate, so manual adjustment of these functions is unavailable.

To change the temperature setting

Press  .

- Press ▲ to raise the temperature and press ▼ to lower the temperature.

COOL operation	HEAT operation	AUTO operation	DRY or FAN operation
64-90°F (18-32°C)	50-86°F (10-30°C)	64-86°F (18-30°C)	The temperature setting cannot be changed.



Tips for saving energy

Keeping the temperature setting at a moderate level helps save energy.

- Recommended temperature setting
 - For cooling: 78-82°F (26-28°C)
 - For heating: 68-75°F (20-24°C)

Cover windows with a blind or a curtain.

- Blocking sunlight and air from outdoors increases the cooling (heating) effect.

Keep the air filter clean.

- Clogged air filters cause inefficient operation and waste energy. Clean them once in about every 2 weeks. [▶ Page 29](#)

If you are not going to use the air conditioner for a long period, for example in spring or autumn, turn off the circuit breaker.

- The air conditioner always consumes a small amount of electricity even while it is not operating.






Adjusting the Airflow Rate


You can adjust the airflow rate to increase your comfort.

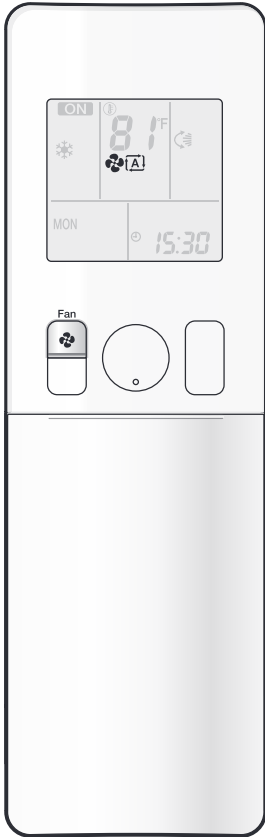
To adjust the airflow rate setting

Press .

- Each pressing of  changes the airflow rate setting in sequence.



- When the airflow is set to “”, quiet operation starts and noise from the indoor unit will become quieter.
- In the quiet operation mode, the airflow rate is set to a weak level.
- In DRY operation, the airflow rate setting cannot be changed.



NOTE

Note on airflow rate setting

- At smaller airflow rates, the cooling (heating) effect is also smaller.



Adjusting the Airflow Direction

You can adjust the airflow direction to increase your comfort.

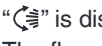
⚠ CAUTION

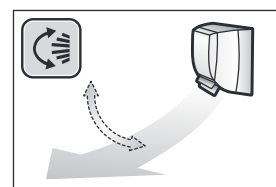
- Always use a remote controller to adjust the angles of the flaps and louvers.
 - If you attempt to move the flaps and louvers forcibly by hand when they are swinging, the mechanism may be damaged.
 - Inside the air outlet, a fan is rotating at a high speed.

To start auto swing

Up and down airflow direction


▶ Press .

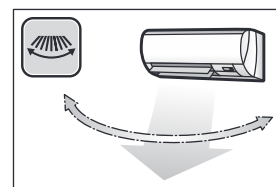
- “” is displayed on the LCD.
- The flaps (horizontal blades) will begin to swing.



Right and left airflow direction

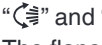



▶ Press .

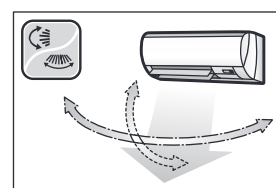
- “” is displayed on the LCD.
- The louvers (vertical blades) will begin to swing.



The 3-D airflow direction

▶ Press  and .

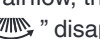
- “” and “” are displayed on the LCD.
- The flaps and louvers move in turn.
- To cancel 3-D airflow, press either  or  again. The flaps or louvers will stop moving.



To set the flaps or louvers at the desired position

- This function is effective while the flaps or louvers are in auto swing mode.

▶ Press  and  when the flaps or louvers reach the desired position.

- In the 3-D airflow, the flaps and louvers move in turn.
- “” or “” disappears from the LCD.

NOTE

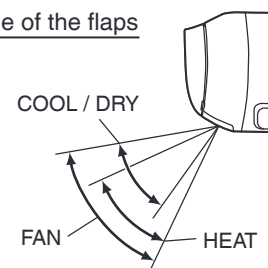
Notes on airflow direction setting

- The movable range of the flaps varies according to the operation mode.
- The flaps will stop at the upper position when the airflow rate is changed to low during the up and down swing setting.

Note on 3-D airflow

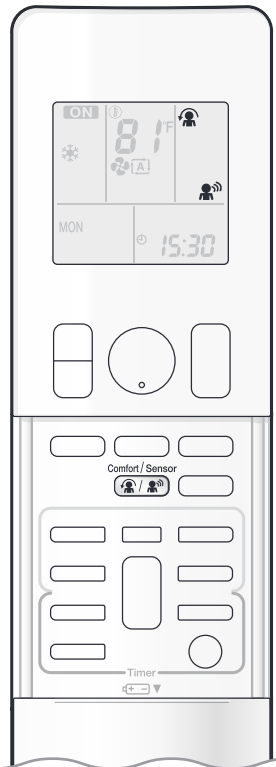
- Using 3-D airflow circulates cold air, which tends to be collected at the bottom of the room, and hot air, which tends to collect near the ceiling, throughout the room, preventing areas of cold and hot developing.

Movable range of the flaps





COMFORT AIRFLOW / INTELLIGENT EYE Operation



COMFORT AIRFLOW operation: The airflow direction is upward while in COOL and DRY operation, and downward while in HEAT operation. This function prevents cold or warm air from blowing directly on the occupants in the room.


INTELLIGENT EYE operation: The INTELLIGENT EYE sensor detects human movement. If no one is in the room for more than 20 minutes, the operation automatically changes to energy saving operation.

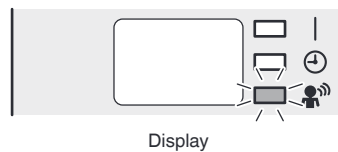
⚠ CAUTION



- Do not place large objects near the INTELLIGENT EYE sensor. Also keep heating units and humidifiers outside the sensor's detection area. This sensor can detect undesirable objects.
- Do not hit or violently push the INTELLIGENT EYE sensor. This can lead to damage and malfunction.

To start operation

▶ Press  and select the desired mode.

- Each time  is pressed, a different setting option is displayed on the LCD.
- When INTELLIGENT EYE is selected, the INTELLIGENT EYE lamp lights green.



- By selecting “ ” from the following icons, the air conditioner will switch to COMFORT AIRFLOW operation combined with INTELLIGENT EYE operation.



- When the flaps (horizontal blades) are swinging, selecting any of the modes above will cause the flaps (horizontal blades) to stop.

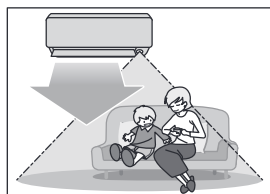
To cancel operation

▶ Press  until no icon is displayed.

- If the INTELLIGENT EYE operation was being used, the INTELLIGENT EYE lamp goes off.

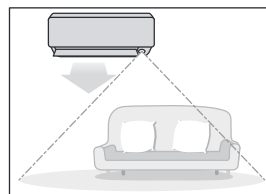
INTELLIGENT EYE operation is useful for energy saving

■ People are detected in the sensing area.



The air conditioner is in normal operation while the sensor is detecting human movement.

■ No people are detected in the sensing area.



The air conditioner will switch to energy-saving mode after 20 minutes.

Energy saving operation

- If no presence is detected in the room for 20 minutes, the energy saving operation will start, and the INTELLIGENT EYE lamp goes off. If human movement is detected again, the INTELLIGENT EYE lamp lights up and energy saving operation terminates.
- This operation changes the temperature by -3.6°F (-2°C) in HEAT / $+3.6^{\circ}\text{F}$ ($+2^{\circ}\text{C}$) in COOL / $+3.6^{\circ}\text{F}$ ($+2^{\circ}\text{C}$) in DRY operation from the set temperature.
When the room temperature exceeds 86°F (30°C), the operation changes the temperature by $+1.8^{\circ}\text{F}$ ($+1^{\circ}\text{C}$) in COOL / $+1.8^{\circ}\text{F}$ ($+1^{\circ}\text{C}$) in DRY operation from the set temperature.
- This operation decreases the airflow rate slightly in FAN operation only.

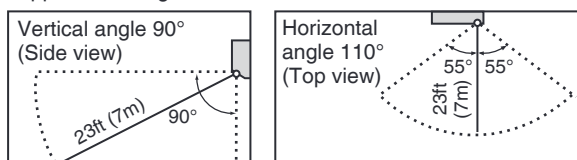
NOTE

Note on COMFORT AIRFLOW operation

- The airflow rate will be set to AUTO. If the up and down airflow direction is selected, COMFORT AIRFLOW operation will be canceled.

Notes on INTELLIGENT EYE operation

- Application range is as follows.



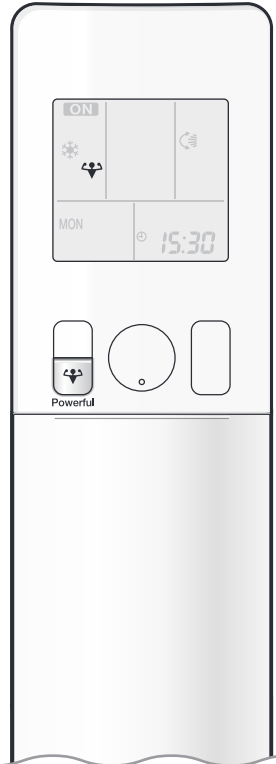
- The sensor may not detect moving objects further than 23ft (7m) away. (Please see the application range)
- Sensor detection sensitivity changes according to the indoor unit location, the speed of passers-by, temperature range, etc.
- The sensor could also mistakenly detect pets, sunlight, fluttering curtains and light reflected off of mirrors as passers-by.
- INTELLIGENT EYE operation will not switch on during POWERFUL operation.
- NIGHT SET mode [▶ Page 20](#) will not switch on during use of INTELLIGENT EYE operation.

Note on combination of COMFORT AIRFLOW operation and INTELLIGENT EYE operation

- The airflow rate will be set to AUTO. If the up and down airflow direction is selected, COMFORT AIRFLOW operation will be canceled. Priority is given to the function of whichever button is pressed last.




POWERFUL Operation



POWERFUL operation quickly maximizes the cooling (heating) effect in any operation mode. In this mode, the air conditioner operates at maximum capacity.


To start POWERFUL operation

Press  during operation.

- “” is displayed on the LCD.
- POWERFUL operation ends in 20 minutes. Then the system automatically operates again with the previous settings which were used before POWERFUL operation.



To cancel POWERFUL operation

Press  again.

- “” disappears from the LCD.

NOTE

Notes on POWERFUL operation

- Pressing  causes the settings to be canceled, and “” disappears from the LCD.
- POWERFUL operation will not increase the capacity of the air conditioner if the air conditioner is already in operation with its maximum capacity demonstrated.
 - In **COOL, HEAT and AUTO operation**
To maximize the cooling (heating) effect, the capacity of outdoor unit increases and the airflow rate becomes fixed at the maximum setting. The temperature and airflow settings cannot be changed.
 - In **DRY operation**
The temperature setting is lowered by 4.5°F (2.5°C) and the airflow rate is slightly increased.
 - In **FAN operation**
The airflow rate is fixed at the maximum setting.

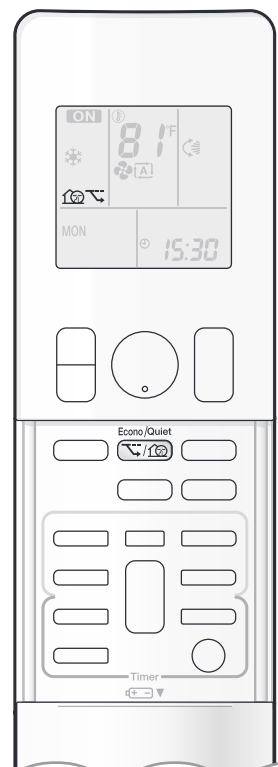
Regarding the combination of POWERFUL and other operations

POWERFUL + COMFORT AIRFLOW	Not available*
POWERFUL + ECONO	
POWERFUL + OUTDOOR UNIT QUIET	

*Priority is given to the function of whichever button is pressed last.



ECONO / OUTDOOR UNIT QUIET Operation




ECONO operation enables efficient operation by limiting the maximum power consumption.

This function is useful to prevent the circuit breaker from tripping when the unit operates alongside other appliances on the same circuit.

OUTDOOR UNIT QUIET operation lowers the noise level of the outdoor unit by changing the frequency and fan speed of the outdoor unit. This function is convenient during the night-time operation.

To start operation

Press  and select the desired mode.

- Each time  is pressed, a different setting option is displayed on the LCD.





To cancel operation


Press  until no icon is displayed.

NOTE

Notes on ECONO operation

- Pressing  causes the settings to be canceled, and “” disappears from the LCD.
- If the power consumption level is already low, switching to ECONO operation will not reduce the power consumption.

Notes on OUTDOOR UNIT QUIET operation

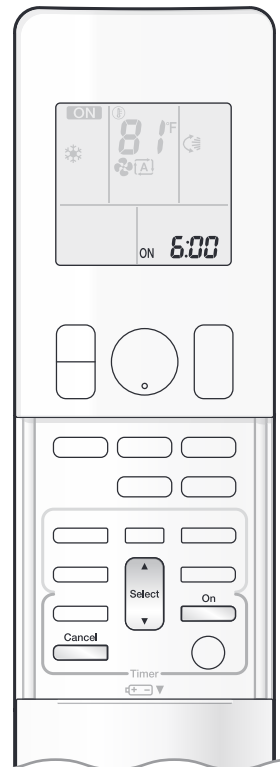
- Even if the operation is stopped by using the remote controller or the indoor unit ON/OFF switch when using OUTDOOR UNIT QUIET operation, “” will remain displayed on the remote controller.
- OUTDOOR UNIT QUIET operation will not reduce the frequency nor fan speed if they already are operating at reduced levels.
- This operation is performed with lower power and therefore may not provide a sufficient cooling (heating) effect.

Possible combinations of ECONO / OUTDOOR UNIT QUIET operation and basic operations

	Operation mode				
	AUTO	DRY	COOL	HEAT	FAN
ECONO	✓	✓	✓	✓	–
OUTDOOR UNIT QUIET	✓	–	✓	✓	–



ON/OFF TIMER Operation

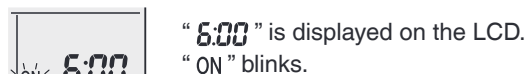


Timer functions are useful for automatically switching the air conditioner on or off in the morning or at night. You can also use the ON TIMER and OFF TIMER together.

To use ON TIMER operation

- Check that the clock is correct.
If not, set the clock to the present time. ▶ [Page 10](#)

1. Press .



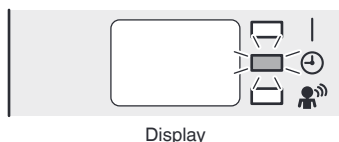
- “⌚” and day of the week disappear from the LCD.

2. Press **until the time setting reaches the point you like.**

- Each pressing of either button increases or decreases the time setting by 10 minutes.
Holding down either button changes the setting rapidly.

3. Press **again.**

- “ON” and setting time are displayed on the LCD.
- The TIMER lamp lights orange. ▶ [Page 5](#)



To cancel ON TIMER operation

Press .

- “ON” and setting time disappear from the LCD.
- “⌚” and day of the week are displayed on the LCD.
- The TIMER lamp goes off.

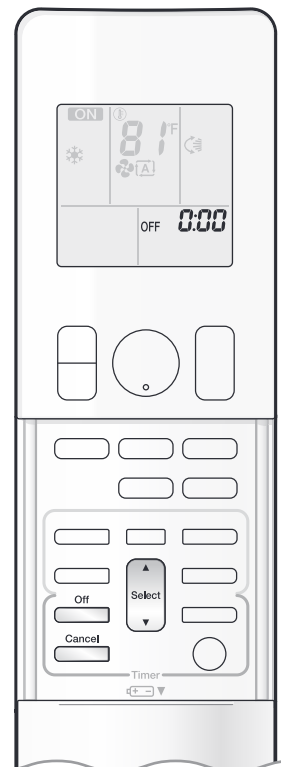
NOTE

Notes on TIMER operation

- When TIMER is set, the present time is not displayed.
- When using the ON/OFF TIMER to start/stop operation, the actual operation start/stop time may differ from the time set. (Maximum of about 10 minutes)
- The ON/OFF TIMER remembers the time set previously.
- The ON TIMER will begin operation in the settings used previously for operation mode, temperature, airflow rate, and airflow direction.

In the following cases, set the timer again.

- After the circuit breaker has turned off.
- After a power failure.
- After replacing the batteries in the remote controller.



To use OFF TIMER operation


- Check that the clock is correct.
If not, set the clock to the present time. ▶ Page 10

1. Press  .



“0:00” is displayed on the LCD.
“OFF” blinks.

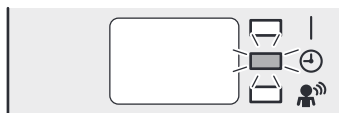
- “⌚” and day of the week disappear from the LCD.

2. Press  **until the time setting reaches the point you like.**

- Each pressing of either button increases or decreases the time setting by 10 minutes.
Holding down either button changes the time setting rapidly.

3. Press  **again.**

- “OFF” and setting time are displayed on the LCD.
- The TIMER lamp lights orange. ▶ Page 5



Display

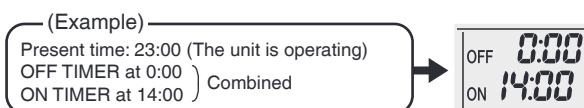
To cancel OFF TIMER operation

Press  .

- “OFF” and setting time disappear from the LCD.
- “⌚” and day of the week are displayed on the LCD.
- The TIMER lamp goes off.

To combine ON TIMER and OFF TIMER operation

- A sample setting for combining the 2 timers is shown below.



NOTE

NIGHT SET mode

- When the OFF TIMER is set, the air conditioner automatically adjusts the temperature setting (0.9°F (0.5°C) up in COOL, 3.6°F (2.0°C) down in HEAT) to prevent excessive cooling (heating) during sleeping hours.