Quick Reference

ON
27.0℃
MON
15:30

FAN
On/Off
Temp
Mode
Swing

On
Off

☀ 10.0℃ ⟺ 30.0℃
❄ 18.0℃ ⟺ 32.0℃
Ⓐ 18.0℃ ⟺ 30.0℃

MODE

%RH

The two-dimensional bar code is
a manufacturing code.

3P552666-3B M19N033 (1905) HT

ON/OFF TIMER Operation

[ON/OFF TIMER with an hours remaining display] (COUNT UP-DOWN ON/OFF TIMER)

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

1. Press and hold 🔘 On or 🔘 Off for about 5 seconds, when signal indicater (▲) blink, release your finger from the button.

For ON TIMER
" *1hr* " appears on the LCD.
" ON " blinks.

For OFF TIMER
" *1hr* " appears on the LCD.
" OFF " blinks.

• " ⏱ " and day of the week disappear from the LCD.

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

• Each pressing of the button increases or decreases the time setting by 1 hour.
• The time can be set between 1 and 12 hours.
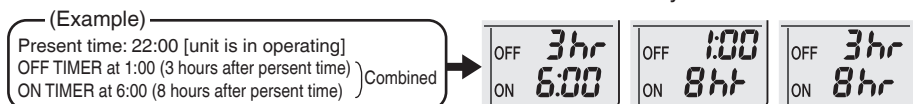
3. Press 🔘 On or 🔘 Off again.

• " ON " and " OFF ", and setting time appear on the LCD.
• The TIMER lamp lights orange.
• To change the display mode from COUNT UP-DOWN ON/OFF TIMER to 24 HOUR ON/OFF TIMER, repeat **STEP 1**, and continue from **STEP 2** of "24 HOUR ON/OFF TIMER". ▶**Page 19, 20**
• Timer display mode cannot be changed while " ON " or " OFF "are blinking.
Press 🔘 On or 🔘 Off to stop the blinking.
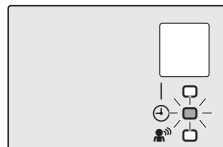
Display

■ Combining display modes

• Different display modes (24 HOUR ON/OFF TIMER and COUNT UP-DOWN ON/OFF TIMER) can be used for the ON TIMER and OFF TIMER simultaneously.

(Example)
Present time: 22:00 [unit is in operating]
OFF TIMER at 1:00 (3 hours after persent time) } Combined
ON TIMER at 6:00 (8 hours after persent time)

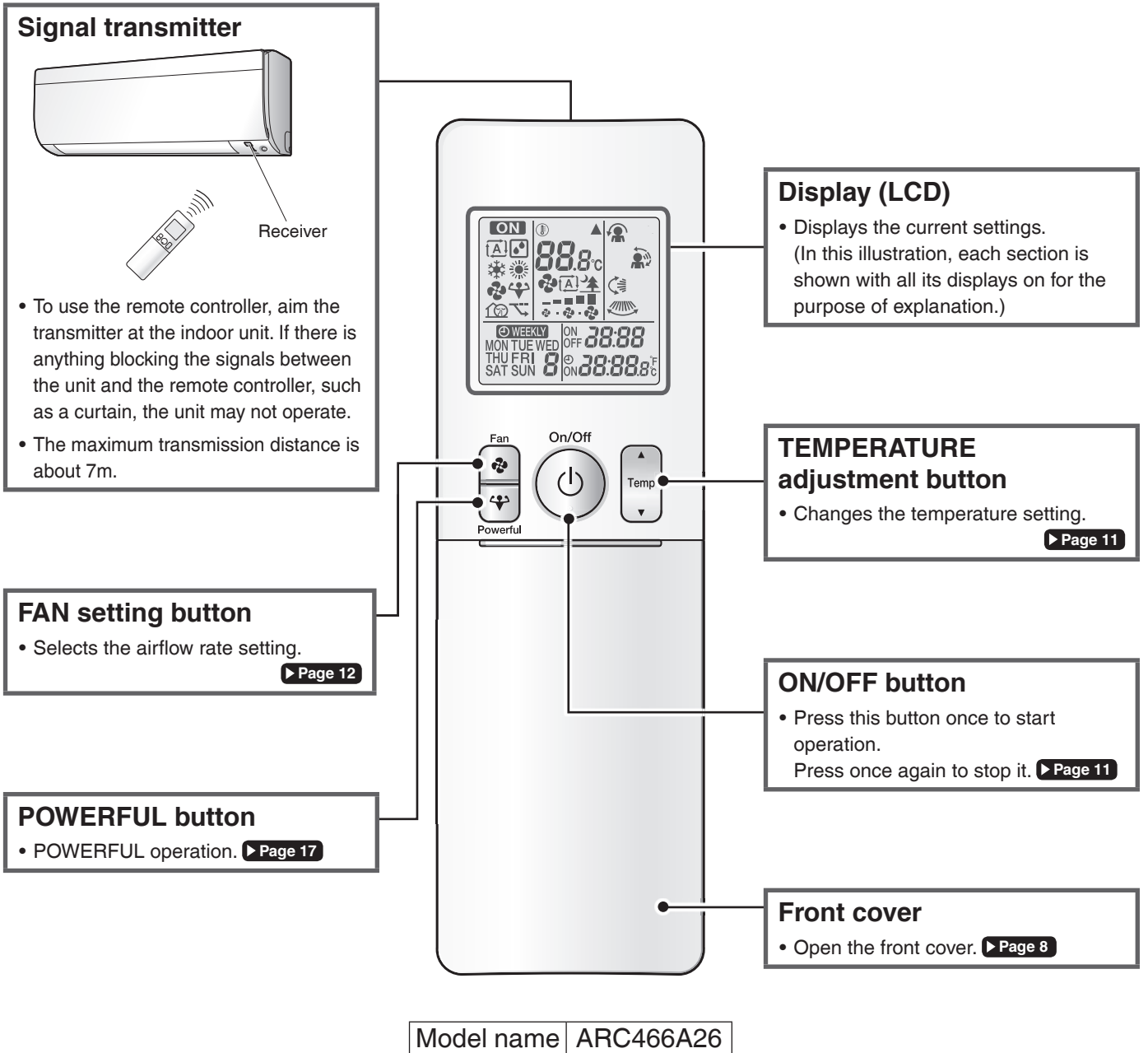| OFF 3hr | OFF 1:00 | OFF 3hr |
| ON 6:00 | ON 8ht | ON 8hr |

NOTE

Notes on COUNT UP-DOWN ON/OFF TIMER
• After setting, the time displayed on the LCD will automatically count down by 1 hour for every 1 hour that passes.
For example, if the OFF TIMER is set to 3 hours, the display will change as follows: 3hr → 2hr → 1hr → blank (OFF)

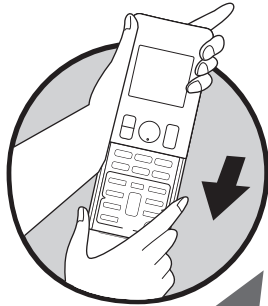**Switching between ON/OFF TIMER display modes (24 hour clock and hours remaining display)**
• When changing timer display modes (from 24 HOUR ON/OFF TIMER to COUNT UP-DOWN ON/OFF TIMER or vice versa), the timer cancels. The timer must be set again to activate it.

Names of Parts

Remote Controller

Signal transmitter

Receiver

- To use the remote controller, aim the transmitter at the indoor unit. If there is anything blocking the signals between the unit and the remote controller, such as a curtain, the unit may not operate.
- The maximum transmission distance is about 7m.

Display (LCD)

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

TEMPERATURE adjustment button

- Changes the temperature setting.
  ▶ Page 11

FAN setting button

- Selects the airflow rate setting.
  ▶ Page 12

ON/OFF button

- Press this button once to start operation.
  Press once again to stop it. ▶ Page 11

POWERFUL button

- POWERFUL operation. ▶ Page 17

Front cover

- Open the front cover. ▶ Page 8

| Model name | ARC466A26 |

Fan   On/Off   Temp   Powerful

■ 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

SENSOR button
• INTELLIGENT EYE operation.
 ▶ Page 15

SWING button
• Adjusts the airflow direction.
 ▶ Page 13

COMFORT button
• COMFORT AIRFLOW operation.
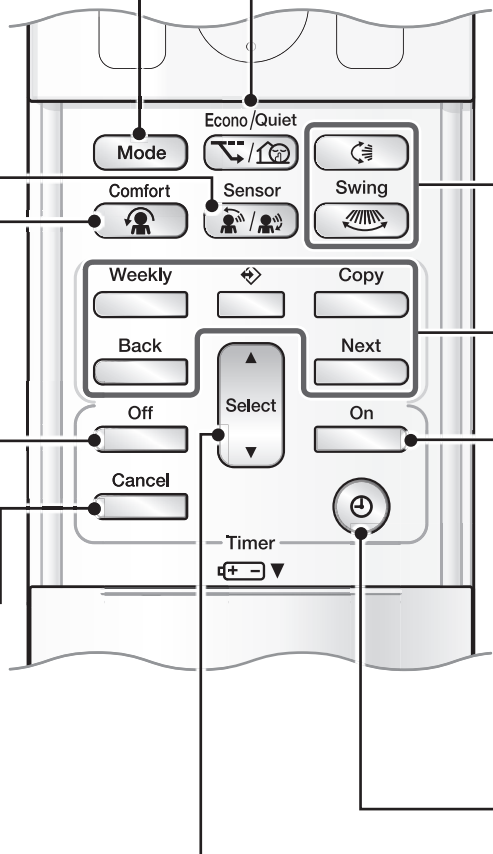 ▶ Page 14

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

Weekly : WEEKLY button

◆ : PROGRAMME button

Copy : COPY button

Back : BACK button

Next : NEXT button

• WEEKLY TIMER operation.
 ▶ Page 23,24

**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
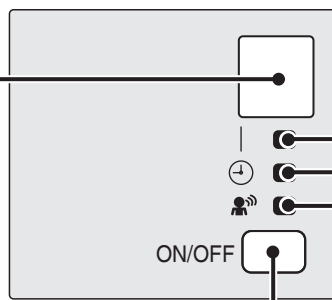 settings.

CLOCK button ▶ Page 10

Econo/Quiet
Mode
Comfort Sensor Swing
Weekly ◆ Copy
Back Next
Off Select On
Cancel
Timer

Names of Parts

Indoor Unit

Front panel ——————

————— **Air inlet**

Flap (horizontal blade)
▶Page 13

Air outlet

Louvres (vertical blades)
• The louvres are inside of the
air outlet. ▶Page 13

Model name ———

INTELLIGENT EYE sensor
• Detects the movements of people and automatically switches between normal operation and energy saving operation.
▶Page 15,16

Room temperature sensor
• Detects the air temperature around the unit.

Display

Signal receiver
• Receives signals from the remote controller.
• When the unit receives a signal, you will hear a beep sound.

Case	Sound type
Operation start	beep-beep
Setting changed	beep
Operation stop	long beep

OPERATION lamp (green)

TIMER lamp (orange)
▶Page 19,20,24,26

ON/OFF

INTELLIGENT EYE lamp (green) ▶Page 15

Indoor unit ON/OFF switch
• Press this switch once to start operation.
  Press once again to stop it.
• For the operation mode setting, refer to the following table.

Mode	Temperature setting	Airflow rate
AUTO	25.0°C	AUTO

• This switch can be used when the remote controller is missing.
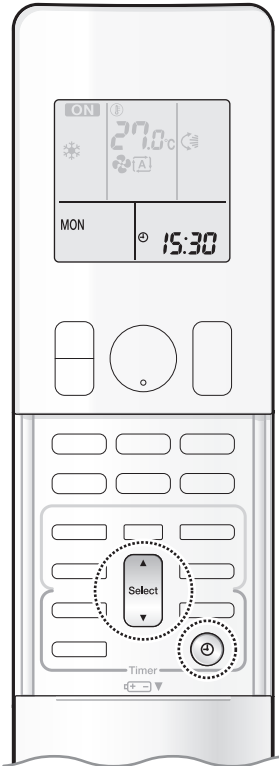
■ To set the clock

1. Press ⊕ .

" 0:00 " appears on the LCD.
" MON " and " ⊕ " blink.

2. Press [Select] to set the current day of the week.

3. Press ⊕ .

" ⊕ " blinks.

4. Press [Select] to set the clock to the present time.

• Holding down ▲ or ▼ rapidly increases or decreases the displayed time.

5. Press ⊕ .

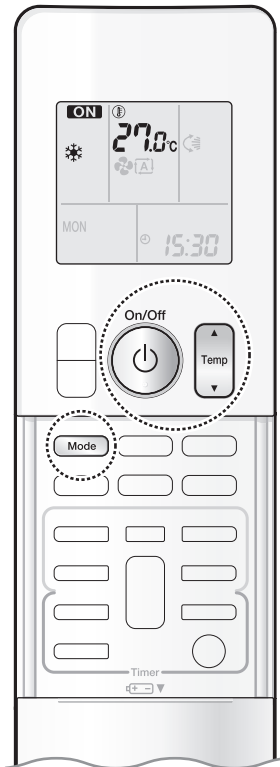• Point the remote controller at the indoor unit when pressing the buttons.

" : " blinks.

NOTE

Note on setting the clock
• If the indoor unit's internal clock is not set to the correct time, the ON/OFF TIMER and WEEKLY TIMER will not operate punctually.

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

1. Press (Mode) and select an operation mode.

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

AUTO → DRY → COOL → HEAT → FAN
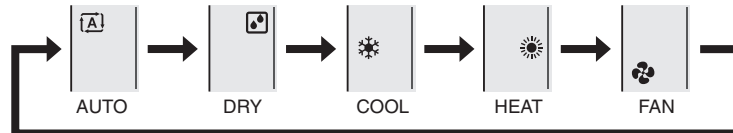
2. Press (On/Off).

• " ON " appears on the LCD.
• The OPERATION lamp lights green.
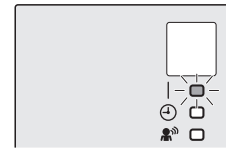
Display

■ To stop

▶ Press (On/Off) again.

• " ON " disappears from the LCD.
• The OPERATION lamp goes off.

■ To change the temperature setting

▶ Press [Temp].

• Press ▲ to raise the temperature and press ▼ to lower the temperature.
  Each pressing of the button changes the temperature by 0.5°C.

COOL operation	HEAT operation	AUTO operation	DRY or FAN operation
18.0-32.0°C	10.0-30.0°C	18.0-30.0°C	The temperature setting cannot be changed.

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.
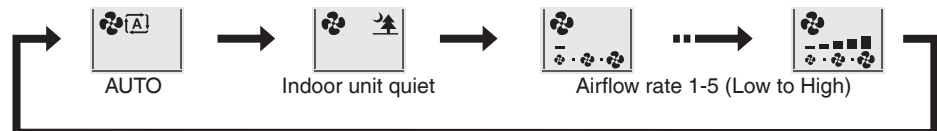
🌀 Adjusting the Airflow Rate
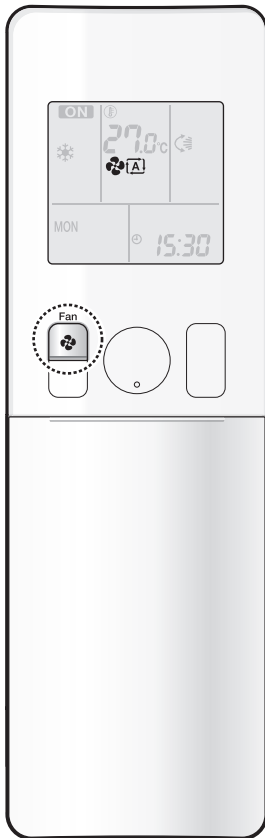
You can adjust the airflow rate to increase your comfort.

■ To adjust the airflow rate setting

▶ Press [Fan 🌀] .

- Each pressing of [Fan 🌀] changes the airflow rate setting in sequence.

AUTO → Indoor unit quiet → Airflow rate 1-5 (Low to High)

- 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.
- If COOL/DRY operation is started with airflow settings on "AUTO", the indoor unit will initially deodorise, which functions to suppress any internal odours. As a result, the indoor unit will not emit air immediately. (Wait for about 1 minute.)
- At smaller airflow rates, the cooling (heating) effect is also smaller.

Tips for saving energy

Keeping the temperature setting at a moderate level helps save energy.
- Recommended temperature setting for cooling: 26.0-28.0°C, for heating: 20.0-24.0°C

Cover windows with a blind or a curtain.
- Blocking sunlight and air from outdoors increases the cooling (heating) effect.

Keep the air filters clean.
- Clogged air filters cause inefficient operation and waste energy. Clean them once in about every 2 weeks. ▶ Page 28

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 Direction
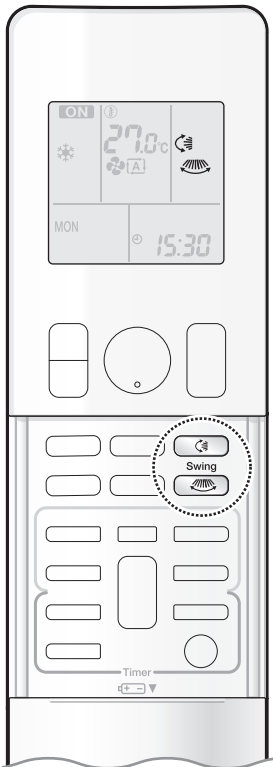
You can adjust the airflow direction to increase your comfort.

⚠ CAUTION

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

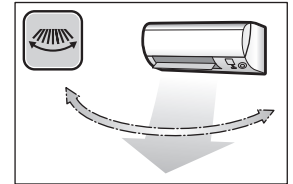## ■ To start auto swing

Up and down airflow direction

▶ Press ⊂⫶⊃ .

- " ⫶ " appears on the LCD.
- The flap (horizontal blade) will begin to swing.
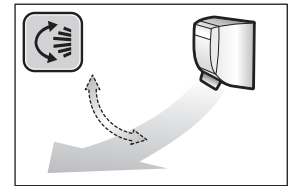
Right and left airflow direction

▶ Press ⫸⫸ .

- " ⫸⫸ " appears on the LCD.
- The louvres (vertical blades) will begin to swing.

The 3-D airflow direction

▶ Press ⊂⫶⊃ and ⫸⫸ .

- " ⫶ " and " ⫸⫸ " appear on the LCD.
- The flap and louvres move in turn.
- To cancel 3-D airflow, press either ⊂⫶⊃ or ⫸⫸ again.
  The flap or louvres will stop moving.
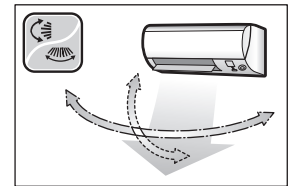
■ To set the flap or louvres at the desired position

- This function is effective while the flap or louvres are in auto swing mode.

▶ Press ⊂⫶⊃ and ⫸⫸ when the flap or louvres reach the desired position.

- In the 3-D airflow, the flap and louvres move in turn.
- " ⫶ " or " ⫸⫸ " disappears from the LCD.

NOTE

Notes on airflow direction setting
- The movable range of the flap varies according to the operation mode.
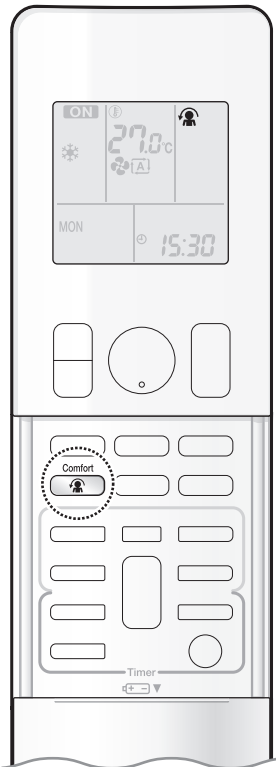
Note on 3-D airflow
- Using 3-D airflow circulates cold air, which tends to collect at the bottom of the room, and hot air, which tends to collect near the ceiling, throughout the room, preventing areas of cold and hot developing.

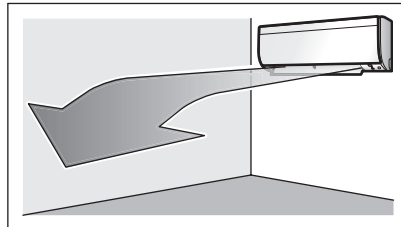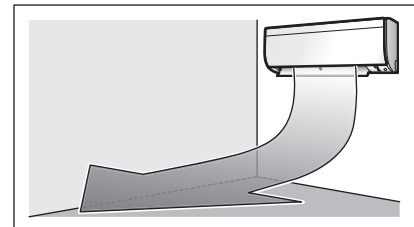Movable range of the flap

COOL / DRY

FAN   HEAT
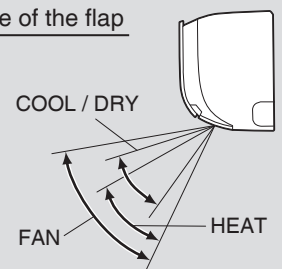
COMFORT AIRFLOW Operation

The flow of air will be in the upward direction
while in COOL operation and in the downward direction while in HEAT operation,
which will provide a comfortable wind that will not come in direct contact with
people.

COOL operation

HEAT operation

■ To start

▶ Press [Comfort] .

• " 🔊 " appears on the LCD.

	COOL and DRY operation	HEAT operation	FAN ONLY operation
Flap direction	Goes up	Goes down	Not available
Airflow rate	AUTO		

■ To cancel

▶ Press [Comfort] again.

• " 🔊 " disappears from the LCD.
• The flap will return to the memory position from before COMFORT AIRFLOW operatoin.

NOTE

Notes on COMFORT AIRFLOW Operation
• The flap position will change, preventing air from blowing directly on the occupants of the room.
• POWERFUL operation and COMFORT AIRFLOW operation cannot be used at the same time.
• The airflow rate will be set to AUTO.
• If the upward and downward airflow direction is selected, the COMFORT AIRFLOW function will be canceled.
  Priority is given to the function of whichever button is pressed last.

INTELLIGENT EYE Operation
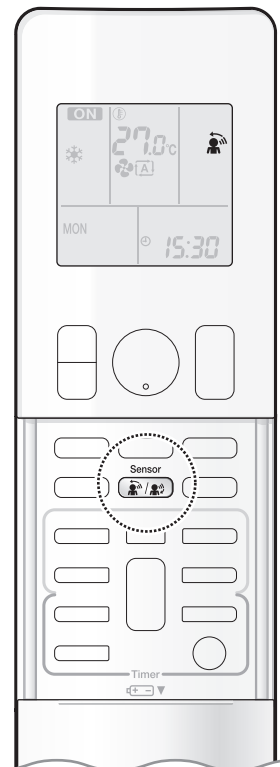
The INTELLIGENT EYE sensor detects human movement and adjusts airflow direction. It can be set to avoid people or to direct airflow specifically at people. If no one is in the room for more than 20 minutes, the operation automatically changes to energy saving operation.

⚠ 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

▶ Press **Sensor** and select the desired mode.

• Each time **Sensor** is pressed, a different setting option appears on the LCD.
• The INTELLIGENT EYE lamp lights green.

Display

Do not blow → Blow directly → blank
directly on people   on people   No Setting
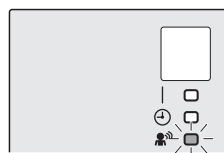
• When the flap (horizontal blade) is swinging, selecting any of the modes above will cause the flap (horizontal blade) to stop.
• The lamp lights when human movement is detected.

■ To cancel

▶ Press **Sensor** until no icon is displayed.
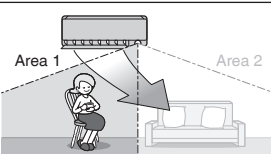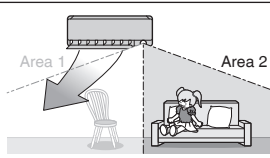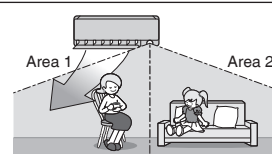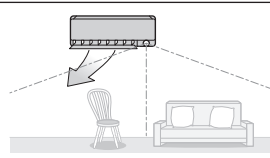
• The INTELLIGENT EYE lamp goes off.

NOTE
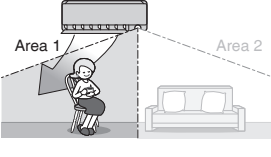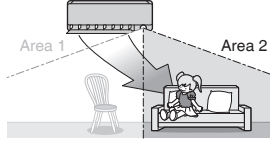
Note on INTELLIGENT EYE operation
• INTELLIGENT EYE operation is set to blow directly on people, the air conditioner tracks you horizontally, without the air blowing directly on you.
• When the INTELLIGENT EYE sensor detects the movement of people, it adjusts the airflow direction upward (while in COOL operation) and downward (while in HEAT operation), by adjusing the flap. Depending on the setting, the louvres (vertical blades) will either direct airflow directly toward or away from people.

■ How the INTELLIGENT EYE operation works

The INTELLIGENT EYE sensor detects human movement and adjusts the right and left airflow direction. If no one is in the room for more than 20 minutes, the operation automatically changes to energy saving operation. The INTELLIGENT EYE sensor works differently depending on the situation.

[Example]

	A person is detected in area 1.	A person is detected in area 2.	People are detected in both areas.	No people are detected in the areas.
	Area 1 / Area 2	Area 1 / Area 2	Area 1 / Area 2	When the INTELLIGENT EYE operation and the COMFORT AIRFLOW operation are used together, the unit will not blow air directly at people (only in their general direction).	The air conditioner will switch to energy-saving mode after 20 minutes.
	Area 1 / Area 2	Area 1 / Area 2		

* The airflow direction may differ from the illustrated direction depending on the actions and movements of the people in the areas.

## INTELLIGENT EYE operation is useful for energy saving

Energy saving operation
- If no presence 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 −2°C in HEAT / +2°C in COOL / +2°C in DRY operation from the set temperature.
  When the room temperature exceeds 30°C, the operation changes the temperature by +1°C in COOL / +1°C in DRY operation from the set temperature.
- This operation decreases the airflow rate slightly in FAN operation only.

NOTE

Notes on INTELLIGENT EYE operation
- Application range is as follows.

Vertical angle 90°
(Side view)

7m   90°

Horizontal angle 110°
(Top view)

55° | 55°

7m
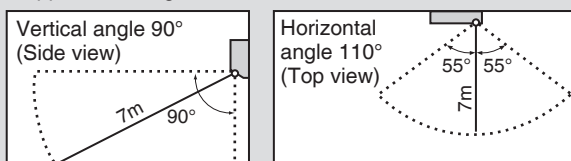
- While the air conditioner is in INTELLIGENT EYE operation, the louvres adjust the airflow direction if there are people in the sensing areas of the INTELLIGENT EYE so that the leftward or rightward airflow will not be directed to the people.
  If no people are detected in either area 1 or 2 for 20 minutes, the air conditioner switches to the energy-saving mode with the set temperature shifted by 2°C.
  The air conditioner may switch to the energy-saving operation even if there are people in the areas.
  This may occur depending on the clothes the people are wearing, if there is no movement of the people in the areas.
- The airflow direction from the louvres will be leftward if there are people in both areas 1 and 2. The air will also flow left if there is a person right in front of the sensor as the sensor judges that there are people in both areas.
- Due to the position of the sensor, people might be exposed to the airflow of the indoor unit if they are close to the front side of the indoor unit. If there are people close to the front side of the indoor unit or in both areas, it is recommended to use the COMFORT AIRFLOW and INTELLIGENT EYE operations simultaneously. Using both modes together, the air conditioner will not direct the airflow towards the people.
- The sensor could also mistakenly detect pets, sunlight, fluttering curtains and light reflected off of mirrors as passers-by.
- The sensor may not detect moving objects further than 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.
- NIGHT SET mode ▶Page 20 will not switch on during use of INTELLIGENT EYE operation.
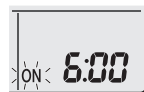
16

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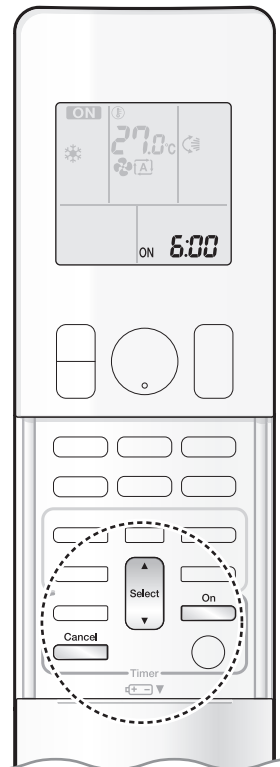
Timer functions are useful for automatically switching the air conditioner on or off at night or in the morning. You can also use the ON TIMER and OFF TIMER together.

[ON TIMER with a 24 hour clock display] (24 HOUR ON/OFF TIMER)

■ To set

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

1. Press [On].
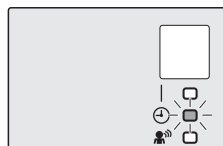
" 6:00 " appears on the LCD.
" ON " blinks.

• " 🕐 " and day of the week disappear from the LCD.

2. Press [Select] 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 [On] again.

• " ON " and setting time appear on the LCD.
• The TIMER lamp lights orange.

Display

■ To cancel

▶ Press [Cancel].

• " ON " and setting time disappear from the LCD.
• " 🕐 " and day of the week appear 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)

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.
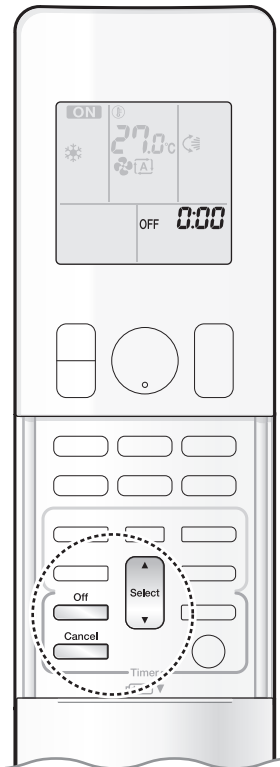
[OFF TIMER with a 24 hour clock display] (24 HOUR ON/OFF TIMER)

■ To set

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

1. Press ⌷ Off ⌷ .

"*0:00*" appears on the LCD.
"OFF" blinks.

• "⊕" and day of the week disappear from the LCD.

2. Press Select 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 ⌷ Off ⌷ again.

• "OFF" and setting time appear on the LCD.
• The TIMER lamp lights orange.
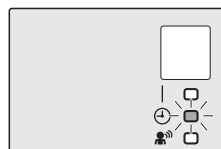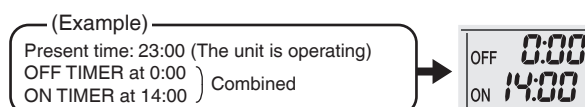
Display

■ To cancel

❚ Press ⌷ Cancel ⌷ .

• "OFF" and setting time disappear from the LCD.
• "⊕" and day of the week appear on the LCD.
• The TIMER lamp goes off.

[ON/OFF TIMER combination]

■ To combine

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

(Example)
Present time: 23:00 (The unit is operating)
OFF TIMER at 0:00 ⎱ Combined
ON TIMER at 14:00 ⎰

→ OFF *0:00*
ON *14:00*

NOTE

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