NAME OF EACH PART

Indoor unit

- Front panel
- Air filter (Nano platinum filter)
- Air cleaning filter (Anti-Allergy Enzyme filter, option)
- Horizontal vane
- Air outlet
- Heat exchanger
- Air inlet

- Remote control receiving section
- Operation indicator lamp
- Emergency operation switch Page 4

Outdoor unit
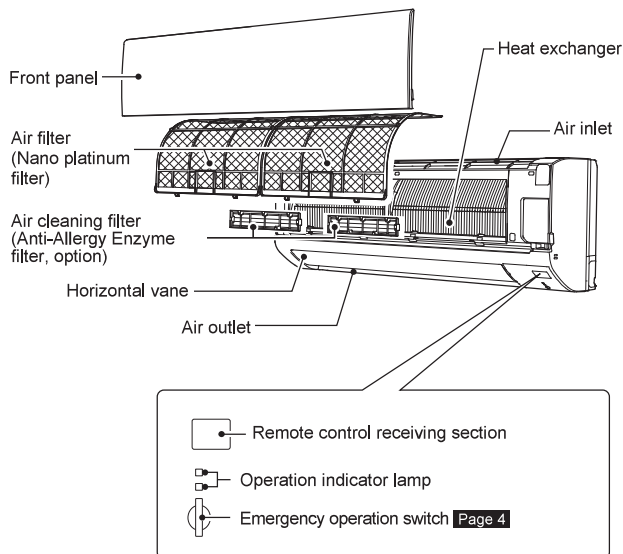
- Air inlet (back and side)
- Refrigerant piping
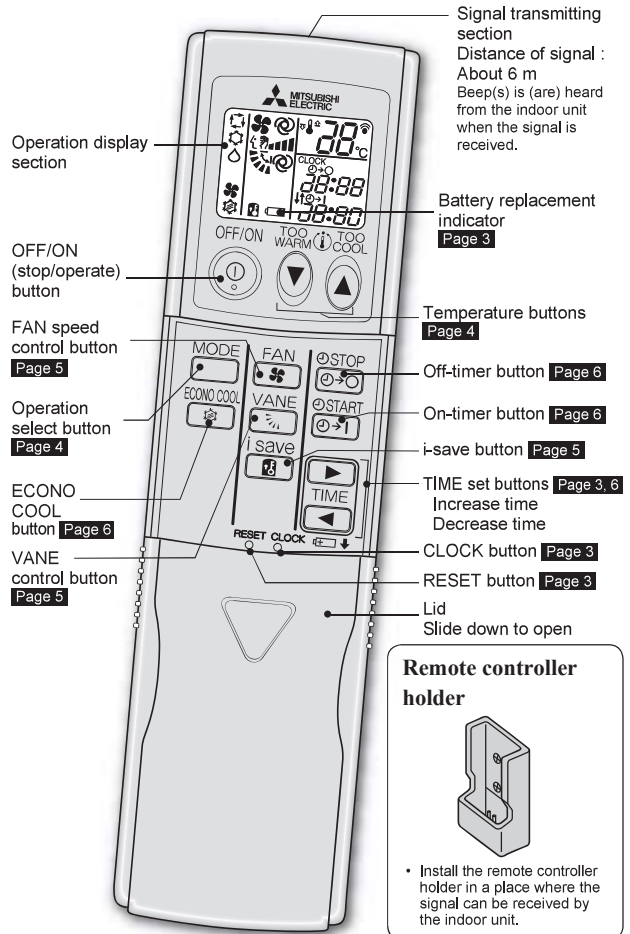- Drainage hose
- Air outlet
- Drain outlet
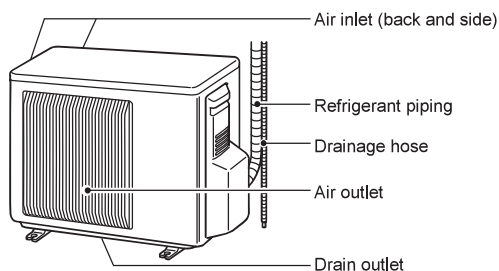
Outdoor units may be different in appearance.

Remote controller

- Signal transmitting section
  Distance of signal : About 6 m
  Beep(s) is (are) heard from the indoor unit when the signal is received.
- Operation display section
- OFF/ON (stop/operate) button
- FAN speed control button Page 5
- Operation select button Page 4
- ECONO COOL button Page 6
- VANE control button Page 5
- Battery replacement indicator Page 3
- Temperature buttons Page 4
- Off-timer button Page 6
- On-timer button Page 6
- i-save button Page 5
- TIME set buttons Page 3, 6
  Increase time
  Decrease time
- CLOCK button Page 3
- RESET button Page 3
- Lid
  Slide down to open

MITSUBISHI ELECTRIC

Remote controller holder

- Install the remote controller holder in a place where the signal can be received by the indoor unit.
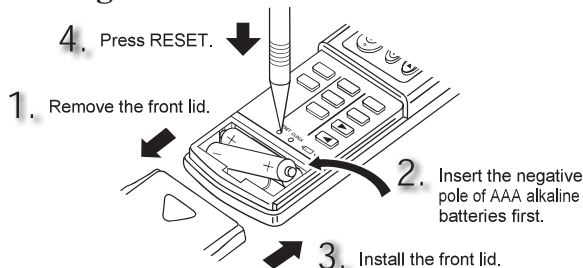
Only use the remote controller provided with the unit.
Do not use other remote controllers.
If two or more indoor units are installed in proximity to one another, an indoor unit that is not intended to be operated may respond to the remote controller.
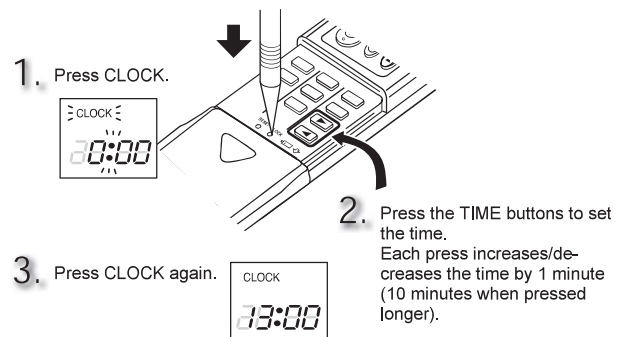
PREPARATION BEFORE OPERATION

Before operation: Insert the power supply plug into the power outlet and/or turn the breaker on.

Installing the remote controller batteries

4. Press RESET.

1. Remove the front lid.

2. Insert the negative pole of AAA alkaline batteries first.
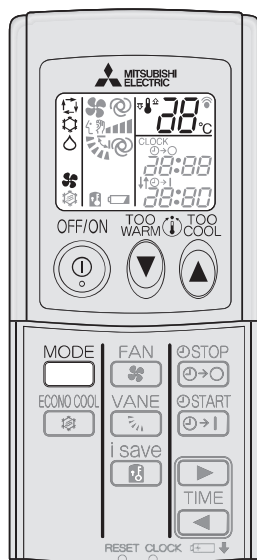
3. Install the front lid.

- Make sure the polarity of the batteries is correct.
- Do not use manganese batteries and leaking batteries. The remote controller could malfunction.
- Do not use rechargeable batteries.
- The battery replacement indicator lights up when the battery is running low. In about 7 days after the indicator starts lights up, the remote controller stops working.
- Replace all batteries with new ones of the same type.
- Batteries can be used for approximately 1 year. However, batteries with expired shelf lives last shorter.
- Press RESET gently using a thin instrument.
  If the RESET button is not pressed, the remote controller may not operate correctly.

Setting current time

1. Press CLOCK.

CLOCK
20:00

2. Press the TIME buttons to set the time.
   Each press increases/decreases the time by 1 minute (10 minutes when pressed longer).

3. Press CLOCK again.

CLOCK
13:00

- Press CLOCK gently using a thin instrument.

1
Press ⏻ to start the operation.

2
Press MODE to select operation mode. Each press changes mode in the following order:

→ 🔄 → ❄ → ◊ → ❁ →
(I FEEL) (COOL) (DRY) (FAN)
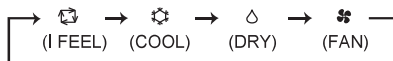
3
Press ▲ or ▼ to set the temperature.
Each press raises or lowers the temperature by 1°C.

Press ⏻ to stop the operation.
• The same setting is selected the next time by simply pressing ⏻.

Operation indicator lamp

The operation indicator lamp shows the operation state of the unit.

Indication	Operation state	Room temperature
☀ ☀	The unit is operating to reach the set temperature	About 2°C or more away from set temperature
☀ ○	The room temperature is approaching the set temperature	About 1 to 2°C from set temperature

☀ Lit   ○ Not lit

🔄 I FEEL mode

The unit selects the operation mode according to the room temperature when I FEEL is selected. When the room temperature is higher than 25°C, COOL is selected (set temperature: 24°C). When the room temperature is lower than 25°C, DRY is selected. However, when operation is stopped and then started within 2 hours, the mode which has been selected previously is operated.

Note:
During COOL operation, the set temperature may not be changed when the room temperature is more than 2°C higher than the set temperature. In this case, please wait until the room temperature drops to within 2°C of the set temperature.

❄ COOL mode
Enjoy cool air at your desired temperature.

◊ DRY mode
Dehumidify your room. The room may be cooled slightly.
Temperature cannot be set during DRY mode.

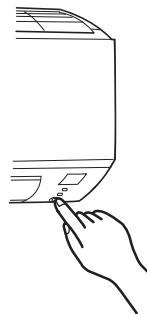## ❁ FAN mode
Circulate the air in your room.

Note:
After COOL/DRY mode operation, it is recommended to operate in the FAN mode to dry inside the indoor unit.
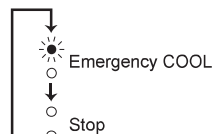
Emergency operation

When the remote controller cannot be used...

Emergency operation can be activated by pressing the emergency operation switch (E.O.SW) on the indoor unit.

Each time the E.O.SW is pressed, the operation changes in the following order:

Operation indicator lamp

☀ Emergency COOL

○ Stop

| Set temperature : 24°C |
| Fan speed : Medium |
| Horizontal vane : Auto |

Note:
The first 30 minutes of operation is test run. Temperature control does not work, and fan speed is set to High.

Auto restart function

If a power failure occurs or the main power is turned off during operation, "Auto restart function" automatically starts operation in the same mode as the one set with the remote controller just before the shutoff of the main power. When timer is set, timer setting is cancelled and the unit starts operation when power is resumed.

If you do not want to use this function, please consult the service representative because the setting of the unit needs to be changed.

FAN SPEED AND AIRFLOW DIRECTION ADJUSTMENT

I-SAVE OPERATION
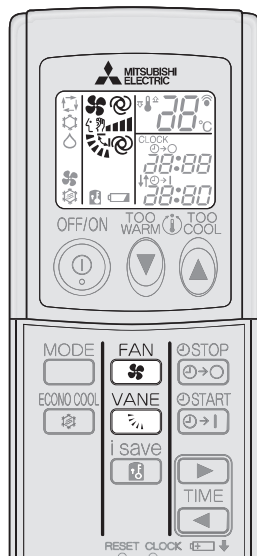
Press [FAN] to select fan speed. Each press changes fan speed in the following order:

→ (AUTO) → (Quiet) → (Low) → (Med.) → (High) → (Super High)
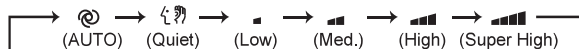
- Two short beeps are heard from the indoor unit when set to AUTO.
- Use higher fan speed to cool the room more powerfully. It is recommended to lower the fan speed once the room is cool.
- Use lower fan speed for quiet operation.
- Use lower fan speed to further lower the outlet temperature and humidity.

Press [VANE] to select airflow direction. Each press changes airflow direction in the following order:

→ (AUTO) → (1) → (2) → (3) → (4) → (5) → (SWING)
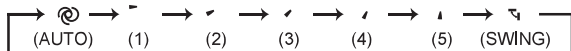
- Two short beeps are heard from the indoor unit when set to AUTO.

Airflow direction

(AUTO) ....The vane is set to the most efficient airflow direction. :horizontal position.

(Manual) ....For efficient air conditioning, select the upper position for COOL/DRY, and the lower position for FAN. If the lower position is selected during COOL/DRY, the vane automatically moves to the upward position after 0.5 to 1 hour to prevent any condensation from dripping.
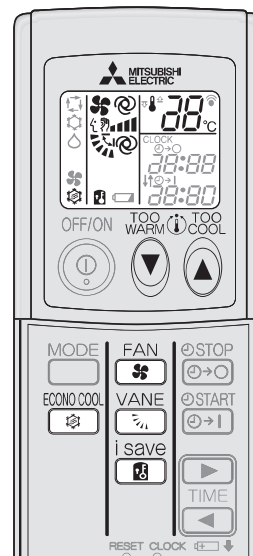
(Swing) ....The vane moves up and down intermittently.

■ **To change the horizontal airflow direction.**

Move the vertical vane manually before starting operation.
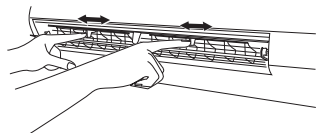
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1 Press [i save] during COOL or ECONO COOL mode to select i-save mode.

2 Set the temperature, fan speed, and airflow direction.
- The same setting is selected from the next time by simply pressing [i save] .
- One group of setting can be saved.
- Select the appropriate temperature, fan speed, and airflow direction according to your room.

Press [i save] again to cancel i-save operation.
- i-save operation also is canceled when the MODE button is pressed.

i-save operation

A simplified set back function enables to recall the preferred (preset) setting with a single push of the [i save] button. Press the button again and you can go back to the previous setting in an instance.

Example of use:
1. Low energy mode
   Set the temperature 2°C to 3°C warmer in COOL. This setting is suitable for unoccupied room, and while you are sleeping.
2. Saving frequently used settings
   Save your preferred setting for COOL/ECONO COOL. This enables you to select your preferred setting with a single push of the button.

ECONO COOL OPERATION
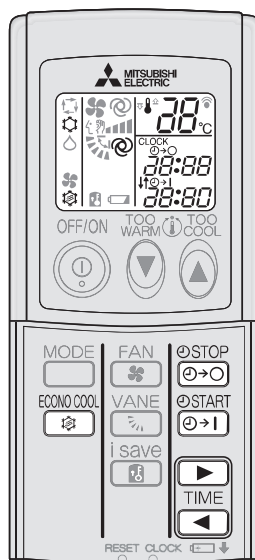
Press [ECONO COOL] during COOL mode page 4 to start ECONO COOL operation.

The unit performs swing operation vertically in various cycle according to the temperature of the unit. Set temperature is set 2°C higher automatically.

Press [ECONO COOL] again to cancel ECONO COOL operation.

• ECONO COOL operation also is canceled when the VANE button is pressed.

What is "ECONO COOL"?

Swing air flow (change of air flow) makes you feel cooler than constant air flow. So, even though the set temperature is automatically set 2°C higher, it is possible to perform cooling operation with keeping comfort. As a result, energy can be saved.

TIMER OPERATION (ON/OFF TIMER)

1 Press [START] or [STOP] during operation to set the timer.

[START] (ON timer) : The unit turns ON at the set time.

[STOP] (OFF timer) : The unit turns OFF at the set time.

* ⊙→I or ⊙→O blinks.
* **Make sure that the current time is set correctly.** Page 3

2 Press [▶] (Increase) and [◀] (Decrease) to set the time of timer.

Each press increases or decreases the set time by 10 minutes.
• Set the timer while ⊙→I or ⊙→O is blinking.

**3** Press [START] or [STOP] again to cancel timer.

Note:

• ON and OFF timers can be set together. ↕ mark indicates the order of timer operations.
• If power failure occurs while ON/OFF timer is set, see page 4 "Auto restart function".

CLEANING

Instructions:

- Switch off the power supply or turn off the breaker before cleaning.
- Be careful not to touch the metal parts with your hands.
- Do not use benzine, thinner, polishing powder, or insecticide.
- Use only diluted mild detergents.
- Do not expose parts to direct sunlight, heat, or fire to dry.

- Do not use water hotter than 50°C.
- Do not use a scrubbing brush, a hard sponge, or the like.
- Do not soak or rinse the horizontal vane.
- Do not apply excessive force on the fan as it may cause cracks or breakage.
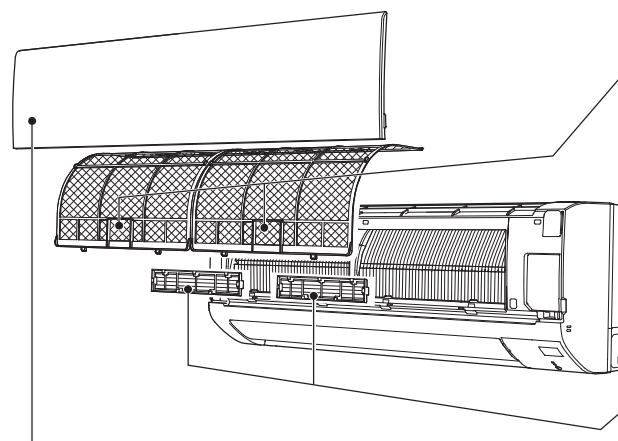
Front panel
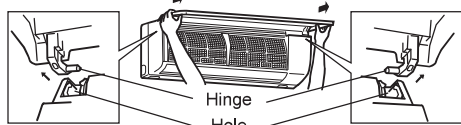
Hinge
Hole

1. Lift the front panel until a "click" is heard.
2. Hold the hinges and pull to remove as shown in the illustration above.
   - Wipe with a soft dry cloth or rinse it with water.
   - Do not soak it in water for more than two hours.
   - Dry it well in shade.
3. Install the front panel by following the removal procedure in reverse. Close the front panel securely and press the positions indicated by the arrows.

Air filter (Nano platinum filter)

- **Clean every 2 weeks**
- Remove dirt by a vacuum cleaner, or rinse with water.
- After washing with water, dry it well in shade.

What is "Nano platinum filter" ?

Nano platinum is a ceramic particle that includes a platinum nanoparticle. The particles are incorporated into the filter material, which results in providing semi-permanent antibacterial and deodorizing characteristics for the filter. Nano platinum surpasses the catechin (a bioflavonoid that is found in green tea) in performance. Nano platinum filter uses this compound not only to improve air quality but also to eliminate bacteria and viruses. This air filter has a semi-permanent lasting effect even after washing it with water.

Air cleaning filter (Anti-Allergy Enzyme Filter, option)

Back side of air filter

Every 3 months:
- Remove dirt by a vacuum cleaner.

When dirt cannot be removed by vacuum cleaning:
- Soak the filter and its frame in lukewarm water before rinsing it.
- After washing, dry it well in shade. Install all tabs of the air filter.

Every year:
- Replace it with a new air cleaning filter for best performance.
- Parts Number MAC-408FT-E

Pull to remove from the air filter

> **! Important**
> - Clean the filters regularly for best performance and to reduce power consumption.
> - Dirty filters cause condensation in the air conditioner which will contribute to the growth of fungi such as mold. It is therefore recommended to clean air filters every 2 weeks.