Display section

Ⓐ [Current/starting/ending time] Display
When the time switch button is pressed, the current time, starting time and ending time are displayed for 10 seconds. During timer operation, the next starting time or ending time is always displayed.

Ⓑ [Centralized control] Display
Displayed when control is executed by a separately sold centralized control unit, etc.

Ⓒ [Timer/continuous] Display
This displays the modes of continuous operation/timer operation. Time is simultaneously displayed at the time of timer operation.

Ⓓ Operation mode
Displays the status of operation.

Ⓔ [Preparing for Heating] Display
Displayed from the start of heating operation until the moment warm air blows out.

Ⓕ [Defrosting] Display
Displayed during defrosting operation.

Ⓖ [Checking] Display
This displays indication when some abnormality occurs in the unit.

Ⓗ [Set temperature] Display
Displays the set temperature.

Ⓘ [Address numbers of indoor unit/unit in linked motion] Display
Displayed when some abnormality occurs in the unit.

Ⓙ [Error number] Display
Displays the (4-digit) checking code when some abnormality occurs in the unit.

Ⓚ Display ◉
Displayed while the air conditioner is powered.

Ⓛ [Louver operation] Display
This displays the operation of a swing louver. This does not display in case of stop.

Ⓜ [Not available] Display
When a button is pressed for any function which the indoor unit cannot perform, this display flashes concurrently with the display of that function.

Ⓝ [Ventilation] Display
Displayed during ventilation operation.
(Network remote controller only)

Ⓞ [Position of built-in room temperature sensor]

Ⓟ [Set effective for one hour] Display
Displays when the low air blow, downward blow, or horizontal blow (differs according to model) are set in the air-cooling and electronics dry operation. This display disappears after the elapse of one hour.

Ⓠ [Now checking/test run] Display

Ⓡ [Filter] Display
Displayed when it is time to clean the filter.

Ⓢ [Sensor] Display [1]
Shows a position of the sensor that measures the room temperature.

Ⓣ [Operation] Lamp
Lights up during operation, goes off during stop, and flashes in case of abnormality.

Ⓤ [Room temperature] Display
Displays the temperature of the air sucked in during operation. The range of display is 8°~39°C. For temperatures outside this range, the display flashes at 8°C and 39°C.

Ⓥ [Up/down airflow direction] Display
Displays the air blowout direction with a ▶ mark.

Ⓦ [Fan speed] Display
Displays the selected fan speed.

*1 In the system in which the [sensor] display is indicated as the "remote controller," room temperature measurement is performed by the room temperature sensor built into the remote controller. Therefore, pay attention to the following:
- Never expose the remote controller to direct sunlight. Doing so can result in the erroneous measurement of room temperature.
- Never place any obstacle around the lower right-hand section of the remote controller. Doing so can result in the erroneous measurement of room temperature.

3. How to operate

Before starting operation

- Make sure that the power supply is turned ON before use. (Keep the power supply turned ON at all times when the air conditioner is in use. Use of the unit without power can result in compressor failure.)

- Start running after the "HO" display has disappeared. The "HO" display briefly appears on the room temperature display (max. 2 minutes) when the power is turned on and after a power failure. This does not indicate any failure of the air conditioner.

- The operation modes of the indoor units' air-cooling operation, electronics dry operation, and heating operation are different from those of the outdoor units.
  When the operation is started with cooling/electronics dry (heating) and other indoor units connected to the counterpart outdoor units are already running in the same operation mode, the remote control displays air-cooling or electronics dry (heating) mode. However, the operation comes to stop, and you cannot get a desired mode. When this occurs, you will be notified by the "cool" or "dry" ("heating") display that flashes in the liquid crystal display of the remote controller. Set to the operation mode of other indoor unit by the operation switch button.
  The above does not apply to the models that simultaneously run both the cooling operation and heating operation.

- The outdoor units stop when all the indoor units connected to the counterpart outdoor units stop.

- During heating operation, even if the indoor unit is set to operation while the outdoor unit is in defrosting operation, operation starts after the defrosting operation of the outdoor unit has ended.

⚠ Warning:

Check and confirm the power circuit before use. For contents, refer to the previously described chapter [Crucial points to be observed for safety].

3.1. ON/OFF
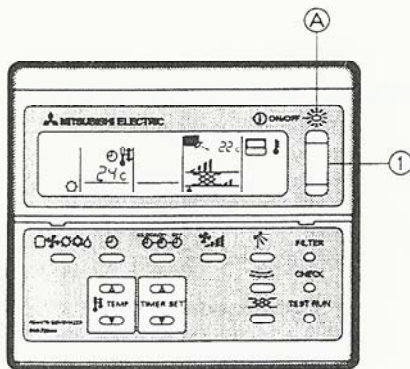
Ⓐ Operation lamp

Start an operation

① **Press [ON/OFF] button**

Operation lamp lights up and operation starts.

Stop an operation

① **Press the [ON/OFF] button again**

Operation lamp goes off and operation stops.

- Once the buttons have been set, pressing of the [ON/OFF] button only can repeat the same operation thereafter.

- During operation, the operation lamp above the [ON/OFF] button lights up.

⚠ Caution:

Even if the operation button is pressed immediately after the operation is once stopped, operation is not restarted for about 3 minutes. This function protects the machine. It automatically starts operation after the lapse of approximately 3 minutes.

3.2. Selecting operation
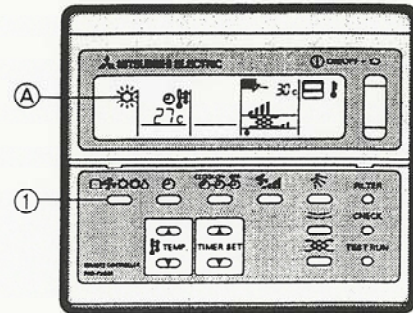
Ⓐ Operation mode

When selecting operation

① **Press the [selecting operation] button**

Consecutive press of the selecting operation button switches the operation over to "cooling," "dry," "air blow," "(automatic)," and "heating." For the contents of operation, check the display.

For cooling

Press the [selecting operation] button and bring up the "cooling" display

For electronics dry

Press the [selecting operation] button and bring up the "dry" display

- The indoor fan turns to the low-speed operation, disabling the change of fan speed.

- Electronics dry operation cannot be carried out at a room temperature of less than 18°C.
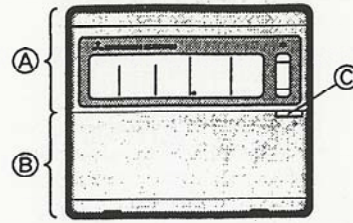
Remote controller

Check out your remote controller. Different controllers are used for different systems.

If you open the door, the name of the remote controller is shown at the lower left.

Network remote controller
[PAR-F25MA]
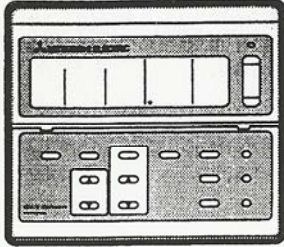
(Diagram of a controller with the door open.)

(Diagram of a controller with the door closed)

Ⓐ Display section
Ⓑ Operation section
Ⓒ Handle

- Once the operation has been set, you can use it repeatedly simply by pressing the [ON/OFF] button.
- To see the operation section, pull the handle on the center of the right side of the remote controller and open the door.
- When the unit is stopped, only [◉] is displayed, indicating that the remote controller is powered.

## Operation section
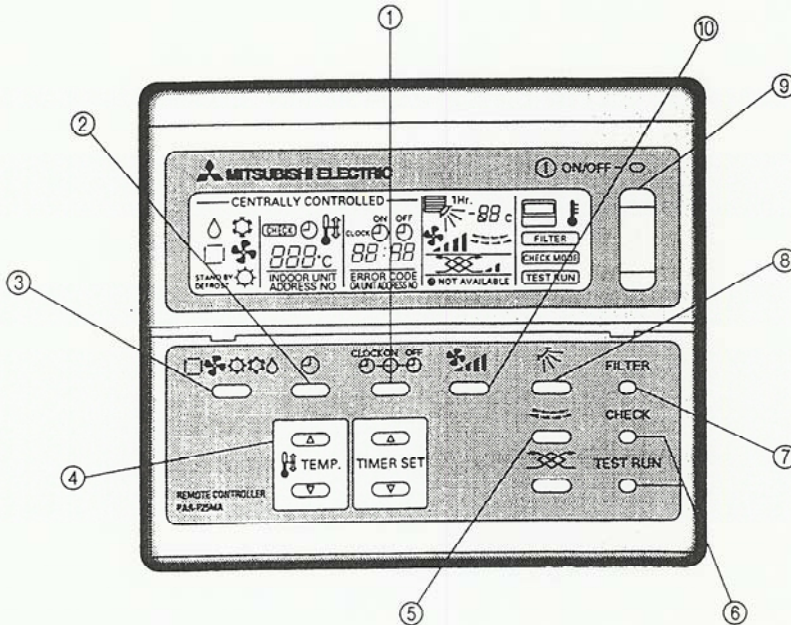
① [Time selection] Button
Used to switch between the current time, starting time, and ending time.
[Time-setting] Button
Used to set the current time, starting time, and ending time.

② [Timer/continuous] Button
Used to switch between continuous operation and timer operation.

③ [Selecting operation] Button
Used to switch between air-cooling, electronics dry, air blowing, and heating.

④ [Room temperature adjustment] Button
Used to set the room temperature.
Setting is made in a unit of 1°C.
Every time ⊿ is pressed, the temperature goes up by 1°C.
Every time ▽ is pressed, the temperature goes down by 1°C.

⑤ [Louver] Button
Used to adjust the lateral direction of the airflow.

⑥ [Checking/test run] Button
Used only during checking test run. Never use this button during normal operation.

⑦ [Filter] Button
Pressed to reset the filter sign.

⑧ [Up/down airflow direction] Button
Use to adjust the up/down direction of the airflow.

⑨ [ON/OFF] Button
Toggles between run and stop every time it is pressed. The lamp on the button stays lit during operation.

⑩ [Fan speed adjustment] Button
Used to switch the fan speed between high and low.

Some models of the indoor units have no functions. (Operation of the remote controller becomes void)

3.3. Room temperature adjustment
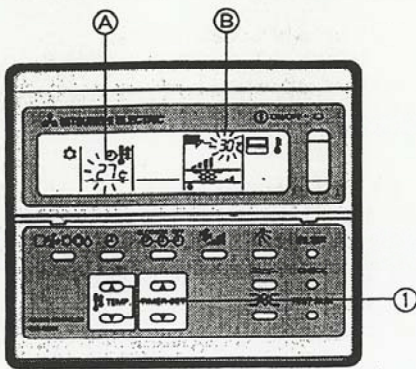

Ⓐ Set temperature display
Ⓑ Room temperature display

To change room temperature

① **Press the room temperature button and set the room temperature of your choice**

Pressing ⟨△⟩ or ⟨▽⟩ once changes the setting by 1°C.
If the pressing is continued, the setting continues to change by 1°C.

- Indoor temperature can be set within the following range.
   - Cooling/dry   19~30°C
   - Heating   17~28°C

- It is impossible to set the room temperature by the air-blow operation.

- The range of room temperature display is 8°~39°C. Outside this range, the display flashes either 8°~39°C to inform you if the room temperature is lower or higher than the displayed temperature.

3.4. Fan speed adjustment
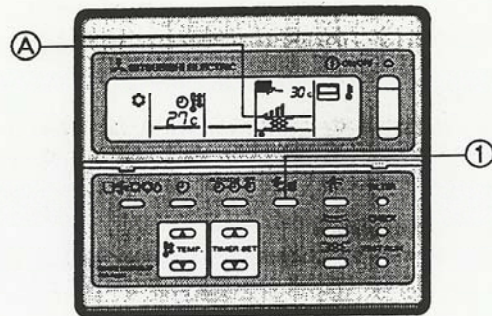
Ⓐ Fan speed display

To change fan speed

① **Set the desired fan speed**
Every time you press the [fan speed] button once, it switches from the low-speed to high-speed settings successively.

In the electronics dry operation, the indoor fan automatically turns to low-speed operation. Switching of fan speed is impossible. (Only the display on the remote controller changes.)

The fan speed that you can set differs according to the indoor unit that is used.
(For the type of indoor unit, refer to page 5.)

| | Fan speed | Display of remote controller | | | |
		Low	Mid 2	Mid 1	High
PEFY-P-VM PFFY-P-VLEM PFFY-P-VLRM series	2 stages	✵↙			→ ✵ıll
PLFY-P-VLMD series	4 stages	✵↙	→ ✵ı	→ ✵ıı	→ ✵ıll

* Every time the fan speed adjustment button is once pressed, the fan speed is changed.

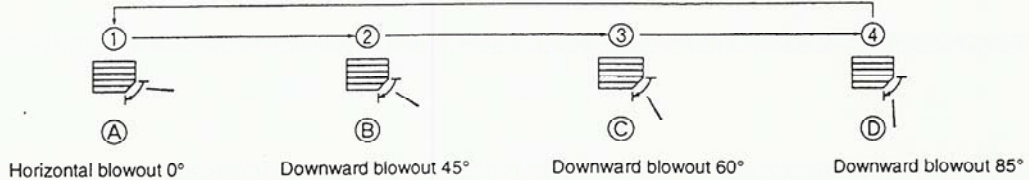## 3.5. Adjustment of up/down airflow direction
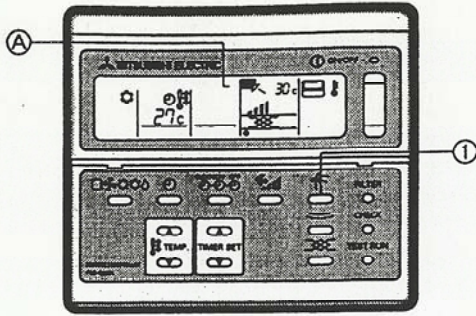
Ⓐ Up/down airflow display

To change the up/down airflow direction

① **Every time the [up/down airflow direction] button is pressed, the direction of the airflow changes.**
The airflow direction can also be changed by moving the autovane with the remote controller.

* The adjustment changes as follows during air-cooling with high airflow/heating/air blowout:

$$① \longrightarrow ② \longrightarrow ③ \longrightarrow ④$$
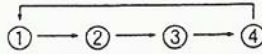
* This differs somewhat according to the indoor unit. Refer to page 18.

* At the initial setting, it is automatically set as follows:
  At time of cooling/dry   Downward blowout
  At time of heating   Horizontal blowout

* When the heating thermostat is OFF, the louver automatically turns horizontally during defrosting or preparation for heating.
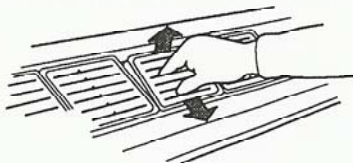
[Example of display]

①	②	③	④
Ⓐ	Ⓑ	Ⓒ	Ⓓ
Horizontal blowout 0°	Downward blowout 45°	Downward blowout 60°	Downward blowout 85°

* In other models, the remote controller cannot be used for this type of adjustment of the up/down airflow direction.

FFY-P-VLEM

While pulling the blowout grill out toward you, raise the rear, remove it, change the direction, and set it in place.


⚠ Caution:
* If the repeat downward blowout is set at the time of weak airflow in the air-cooling and electronics dry operation, dew condensation and dewdrop can occur. Therefore, avoid repetitive use.
* If a room with a high ceiling (more than 3 meters) is to be heated, the airflow direction should be kept slightly downward.
When the air conditioner is installed in a room with a high ceiling, there are occasions when the surface of the floor is only minimally warmed during heating operation. Once, when we were experiencing cold feet, we measured the temperatures and found that there was a temperature difference of more than 10°C between the top and bottom of the room. If your air conditioner is equipped with a system to adjust airflow direction, adjust the air conditioner downward using a remote controller so that the warm air reaches the floor.

Operational details differ more or less in different indoor units.

⚠ Caution:
Avoid putting your hand into the air outlet of the indoor unit any more than necessary during operation. If you get your hands caught in the metal parts when adjusting the airflow-direction-adjustment board and blowout grill, or nip them in the autovane, there is a risk of injury and failure.

3.6. Time setting
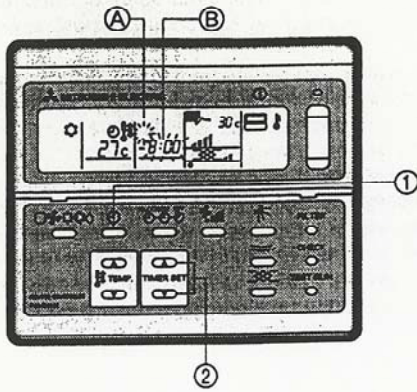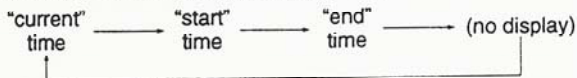

Ⓐ Current time display
Ⓑ Time display

- Set the current time after turning ON the power of the air conditioner or after restoration from a power failure.
- It can be set regardless of the operation of the indoor unit.
- During the time operation, the time-setting button becomes void, disabling time setting.

① **Press the [time switch] button and bring up the "current time" display**

- Every time it is pressed, the display changes.

"current" ⟶ "start" ⟶ "end" ⟶ (no display)
time   time   time

⚠ **Caution:**
When the current time is not yet set, the "current" time display flashes, disabling the setting of timer operation.

② **Set the current time by pressing the △ or ▽ button**

- The time cannot be set while the "[timer]" is displayed.
- While the "CLOCK" time is displayed, press the time setting △/▽ buttons and set the time.
- The setting advances one minute every time the △ button is pressed once, and retrogresses one minute every time the ▽ button is pressed once.
  When respective △/▽ buttons are pressed continuously, the time display goes fast forward. It advances in the order of 1 minute unit - 10 minute unit - one hour unit.
- About 10 seconds after the button operation has been completed, the "current time" and "time" displays disappear.

⚠ **Caution:**
- Both the network remote controller and the unit remote controller are equipped with a simplified clock with a precision of about + or - one minute per month.
- The time must be readjusted (reset) every time the air conditioner is subjected to a power stop of the air conditioner or a power failure.

3.7. Timer setting

- If the timer is set, the unit starts (stops) at the set time, and the time mode is terminated.
- When you wish to confirm the starting and ending time, press the [time switch] button while [timer] is displayed.

Function of timer

On-timer

Set the on-timer for the time the working day begins in your company. When the set start time arrives, the air conditioner starts operation.

Off-timer

Use the off-timer as a reminder to turn off the air conditioner. When the set end-work time arrives, the air conditioner stops operation.
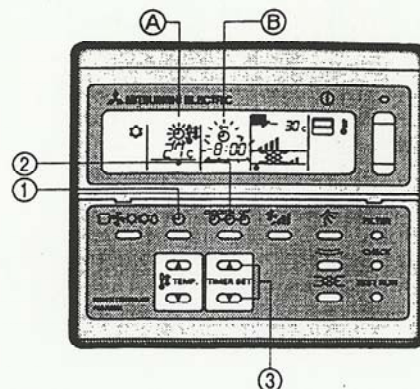
There are three methods for using the timer.

1. ON/OFF Timer   When setting both starting and ending time
2. On-timer   When only setting the starting time
                   (Ending time is set to "__ : __ ")
3. Off-timer   When only setting the ending time
                   (Starting time is set to "__ : __ ")

Display example of timer setting
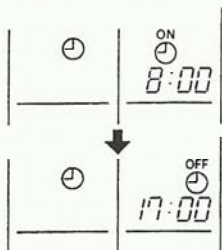
The example shows a timer set for operation start at 8:00 and end at 17:00.

Ⓐ Timer display
Ⓑ Starting time display

1 **Press the [timer/continuous] button ① and bring up the "continuous" display**

2 **Press the [time switch] button ② and bring up the "starting time" display**

3 **Press the Ⓐ (Ⓥ) button of the [time switch] and set the starting time**
   When using it as an off-timer, set the starting time to "__ : __ ".
   The "__ : __ " is displayed next to 23:50.

4 **Press the [time switch] button and bring up the "ending time" display**

5 **Press the Ⓐ (Ⓥ) button of the [time switch] and set the ending time**
   When using it as an on-timer, set the ending time to "__ : __ ".
   The "__ : __ " is displayed next to 23:50.

6 **Press the [timer/continuous] button and bring up the "[timer]" display**
   Bringing up the [timer] display completes the setting.

Every time the Ⓐ (Ⓥ) button of the [timer switch] is pressed once, it advances (or retrogresses) by 10 minutes.
If the button is pressed continuously, it advances (or retrogresses) continuously.
First set the hour digit and then set the minute digit.
When the ON/OFF timer mode is set, you can run (on-timer) or stop (off-timer) operation by pressing the [ON/OFF] button even when there remaining time.

Release

Press the [timer/continuous] button and bring up the "continuous" display.