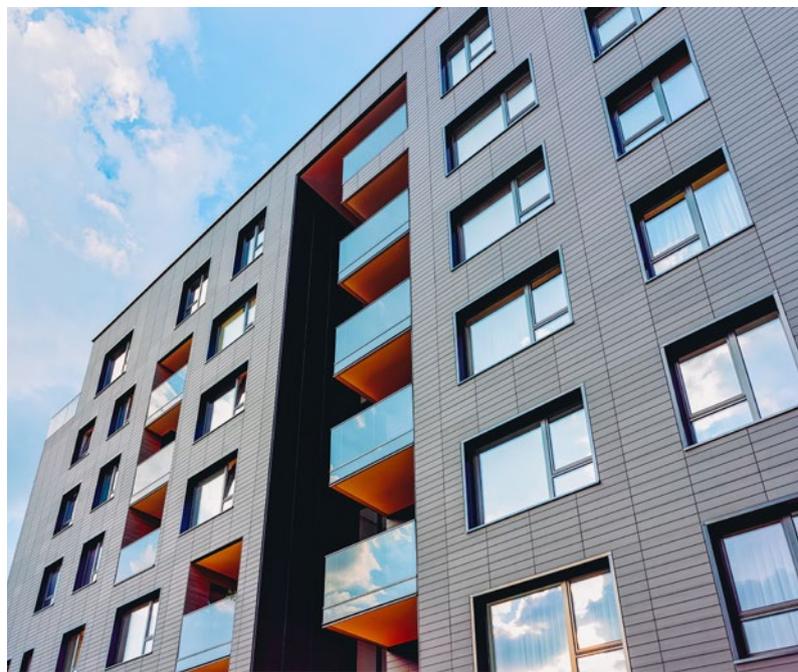


PAR-40/41MAA Quickstart Guide

Get the Most Out of Your Mitsubishi Electric Heat Pump System



Introduction to your new Mitsubishi Electric Heat Pump System Controller

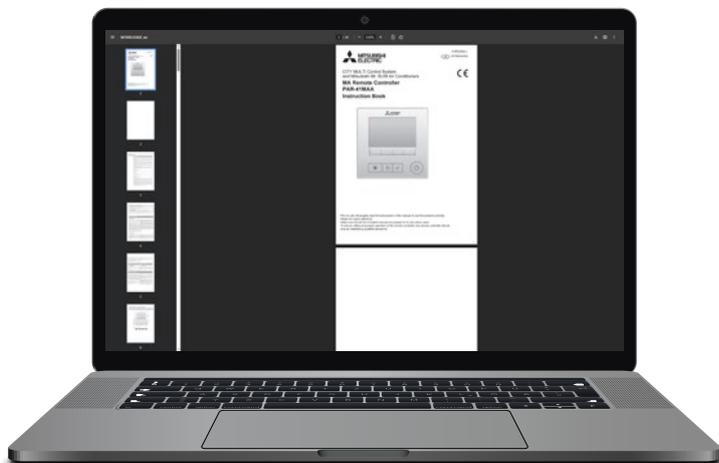
This booklet has been created to quickly get you up to speed with PAR40/41 system controls, helping you create a high-quality indoor environment for both living and working spaces.



Instruction Manuals

For advanced settings or more in-depth information, refer to the full PAR40/41 Instruction Manual online. Use the web address or scan the QR code below to access it.

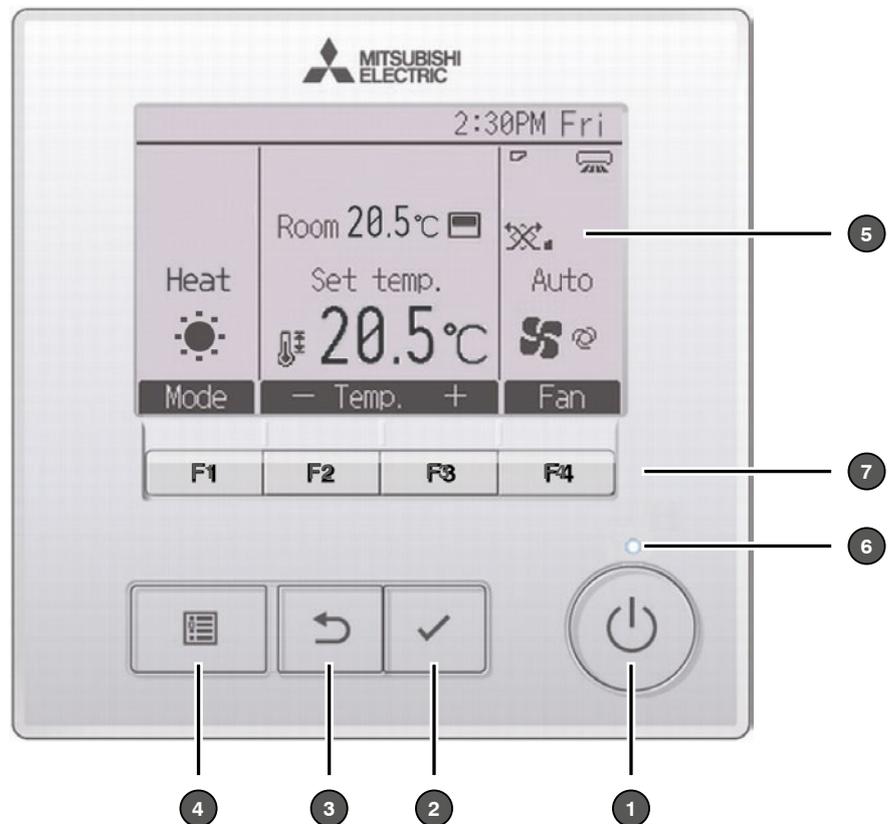
Instruction Manuals



tinyurl.com/3746zvf

Main Remote Controller

Your Mitsubishi Electric Heat Pump settings can be adjusted using the front panel control buttons.



No.	Name	Function
1	ON/OFF Button	Turns the heat pump on or off.
2	SELECT Button	Confirms a selection.
3	RETURN Button	Returns to the previous screen.
4	MENU Button	Displays the main menu screen.
5	Backlit LCD	Press any button to turn on the backlight. It will turn off automatically after a period of inactivity.
6	ON/OFF Lamp	Lights up green when the system is operating. Blinks if there is an error.
7	Function Buttons (F1, F2, F3, F4)	Use to select settings on the screen. The function of each button changes depending on the screen.

Main Screen: Viewing Modes

The main menu display has two viewing modes:

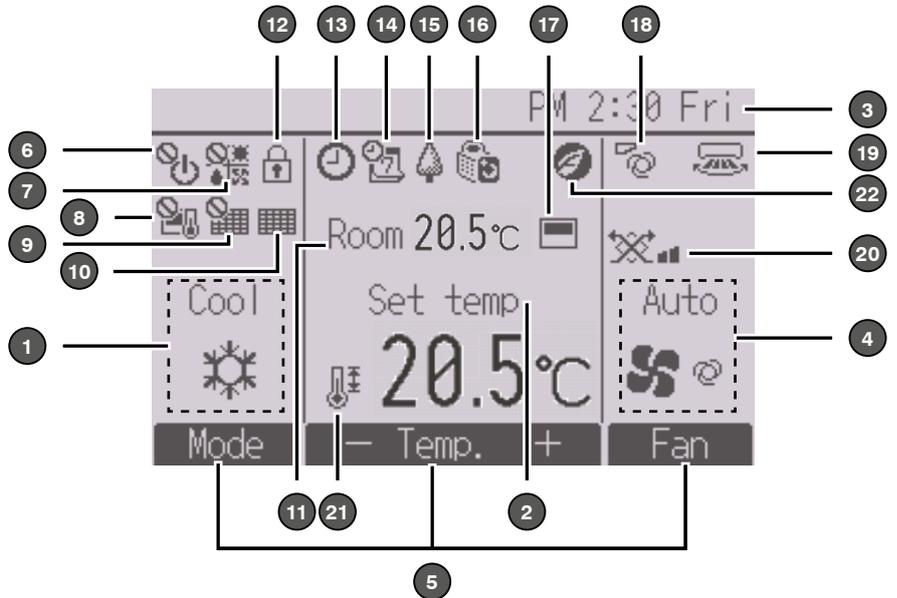
Full Mode and Basic Mode.

The factory default setting is **Full Mode**.

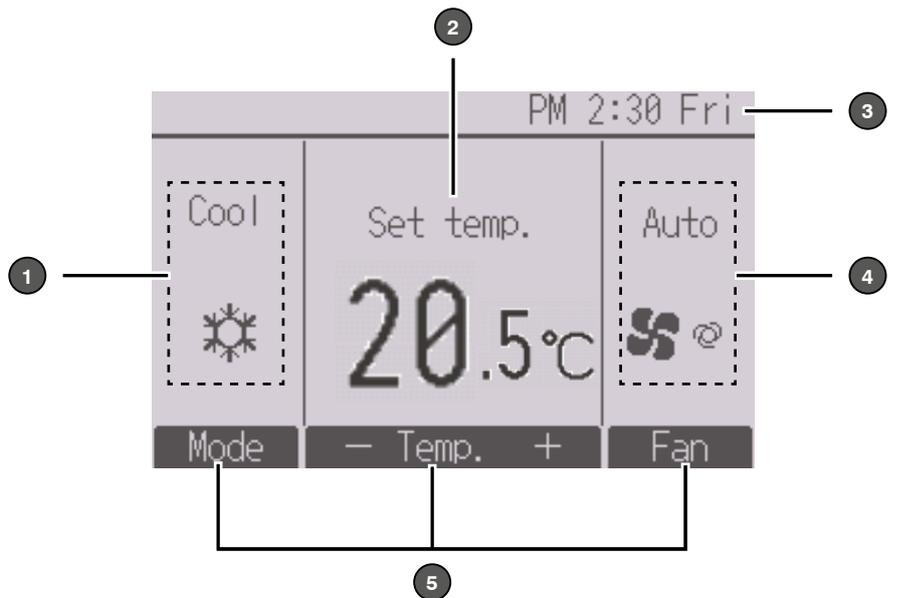
To switch to **Basic Mode**, adjust the setting on the Main display.

- Press **Main Menu**  button
- Select **Initial Settings** 
- Select **'Display Setting'** and press the  button.
- Use the **F1** or **F2** buttons to move the cursor to **'Main Display'**, then press the  button.
- Use the **F3** or **F4** buttons to select **'Basic Mode'** then press the  button to confirm. Use the **F3** or **F4** buttons to select **'Basic Mode'** then press the  button to confirm.

Full Mode



Basic Mode



Note: Certain functions may require a password to prevent unauthorised access.
The initial administrator password is "0000".
Refer to page 15 for further information.

Main Screen: Display Icons

No.	Icon	Name	Function
1		Operation Mode	Displays the current operation mode (e.g. heating, cooling, fan, dry or auto).
2		Preset Temperature	Shows the set temperature of the system.
3		Clock	Displays the current time set on the controller.
4		Fan Speed	Shows the selected fan speed setting.
5		Button Function Guide	The functions of the corresponding buttons appear here.
6		Central Control (ON/OFF)*	Appears when the ON/OFF operation is centrally controlled.
7		Central Control (Mode)*	Appears when the operation mode is centrally controlled.
8		Central Control (Temperature)*	Appears when the preset temperature is centrally controlled.
9		Central Control (Filter Reset)*	Appears when the filter reset function is centrally controlled.
10		Filter Maintenance	Indicates when the filter needs maintenance.
11		Room Temperature	Displays the current room temperature detected by the system.
12		Button Lock	Appears when the buttons are locked.
13		Timer Functions	Appears when the On/Off Timer, Night Setback, or Auto-Off Timer function is enabled. Also appears when the timer is disabled by the centralised control system.
14		Weekly Timer	Appears when the Weekly Timer is enabled.
15		Energy-Saving Mode	Appears while the units are operating in energy-saving mode (may not appear on some indoor unit models).
16		Silent Mode	Appears when the outdoor units are operating in Silent Mode.
17		Thermistor Selection	Appears when the built-in thermistor on the remote controller is activated to monitor the room temperature. Also appears when the thermistor on the indoor unit is activated to monitor the room temperature.
18		Vane Setting	Indicates the current vane position.
19		Louver Setting	Indicates the current louver position.
20		Ventilation Setting	Indicates the setting of the ventilation system (if applicable).
21		Temperature Restriction	Appears when the present temperature range is restricted.
22		3D i-See Energy Saving	Appears when an energy-saving operation is performed using the '3D i-See Sensor' function.

* Centrally Controlled Operation icons only appear for a certain amount of time when a centrally-controlled system is in operation.

Power On/Off

Press the **ON/OFF** button to start operation. The ON/OFF LED will light up green.

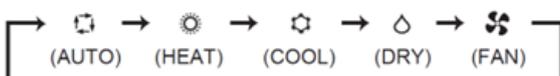
If '**LED Lighting**' is set to 'No' in the **Display Settings Menu**, the **ON/OFF** LED will not light up.



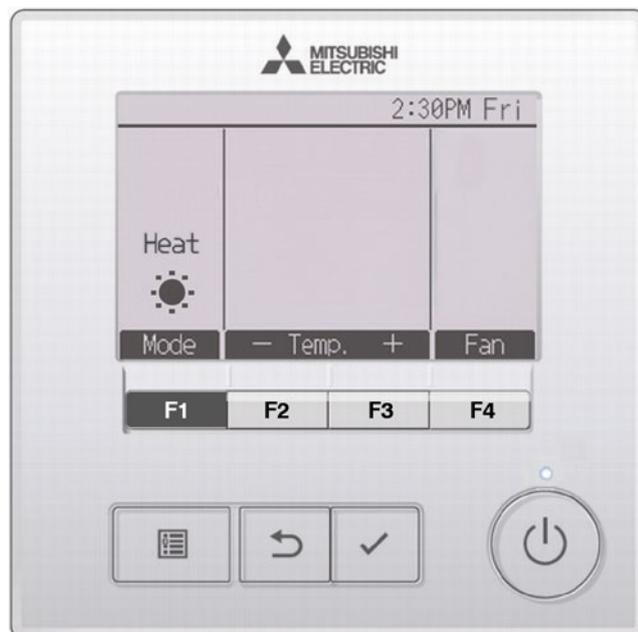
Press the **ON/OFF** button again to stop operation. The **ON/OFF** LED will turn off.

Operation Modes

Press the **F1** button to cycle through the available **Operating Modes** in the following order:

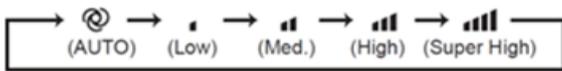


Operating Modes that are not supported by the connected indoor unit will not appear on the display.

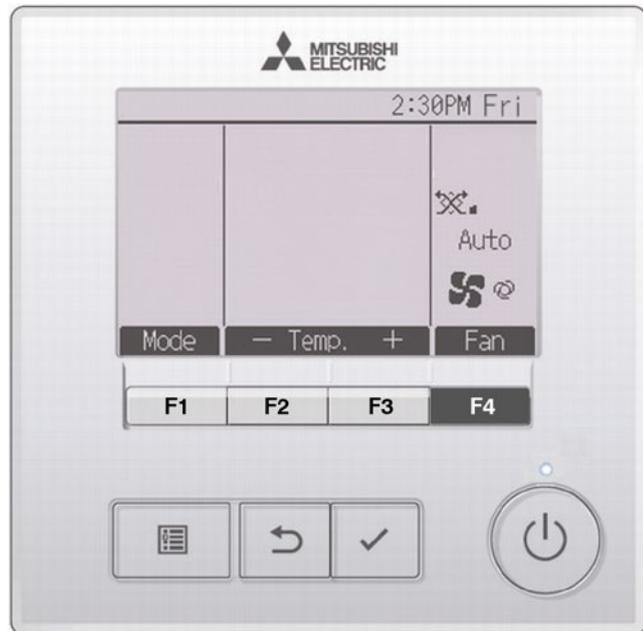


Fan Speed Operation

Press the **F4** button to cycle through the available **Fan Speed** settings in the following order:



The **Fan Speed** options may vary depending on the connected indoor unit model.

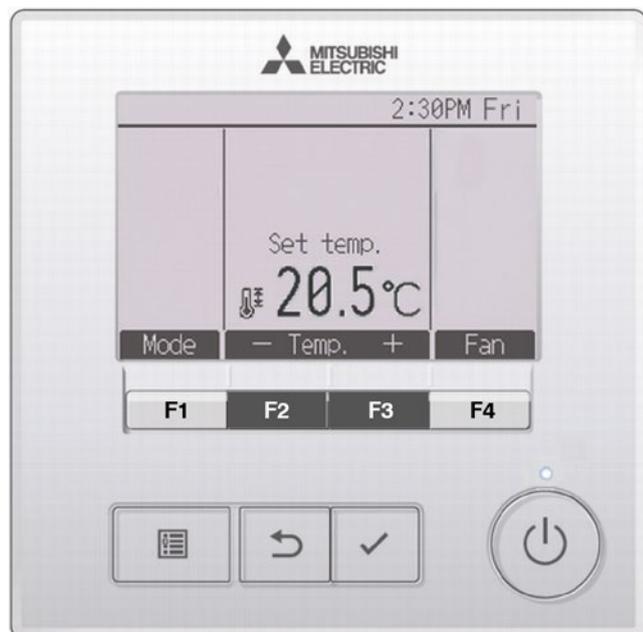


Preset Temperature – Single Set Point

Single Set Point: Cool / Dry / Heat / Auto

Press the **F2** button to decrease the preset temperature, and the **F3** button to increase it.

The preset temperature will adjust in 0.5 or 1 degree increments, depending on the system settings.

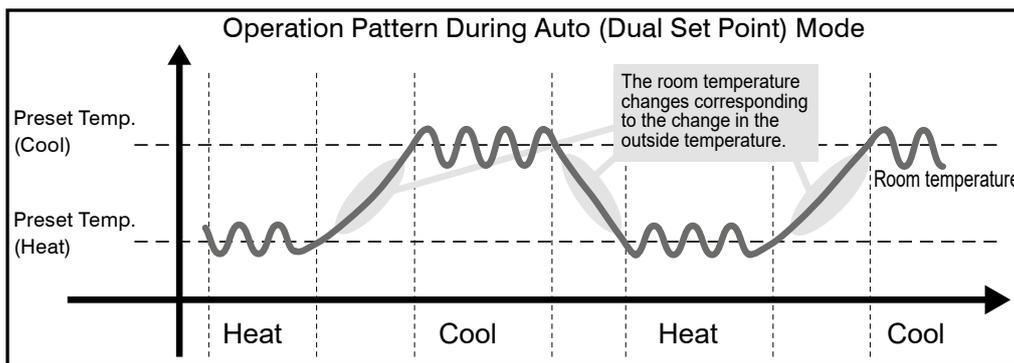


Preset Temperature – Dual Set Point

When the **Operation Mode** is set to **Auto (Dual Set Point) Mode**, two preset temperatures (one for cooling and one for heating) can be set.

The indoor unit will automatically switch between Cooling and Heating modes based on the room temperature, ensuring it stays within the preset range*.

The graph below illustrates the operation pattern of an indoor unit in **Auto (Dual Set Point) Mode**.



* When connected to an M Series Highwall: Mode change initiated if room temperature remains 1°C above (Cooling) or 1°C below (Heating) set temperature for 15 minutes.
 When connected to an M Series Floor Console, S Series or P Series System: Mode change initiated if room temperature remains 2°C above (Cooling) or 2°C below (Heating) set temperature for 15 minutes.

Step 1 – Dual Set Point Auto Mode

In Auto Mode, the current preset temperature will be displayed. Press the **F2** or **F3** buttons to open the Settings screen.



Step 2 – Adjusting the Preset Temperatures

Use the **F1** or **F2** buttons to move the cursor to the desired temperature setting (cooling or heating).

Press the **F3** button to decrease the selected temperature, and the **F4** button to increase it.



- The preset temperature settings for cooling and heating in **Auto (Dual Set Point) Mode** are also used in Cool, Dry and Heat modes.

Clock Setting

Step 1 – Access Clock Settings

Select **'Initial Setting'** from the **Main Menu**  and press the  button.

Use the **F1** or **F2** buttons to select **'Basic Setting'**, then press the  button.

Use the **F1** or **F2** buttons to select **'Clock'**, then press the  button.

The clock must be set before using the following features:

- On/Off Timer
- Weekly Timer
- Outdoor Unit (OU) Silent Mode
- Energy Saving
- Night Setback



Step 2 – Adjust the Clock

Use the **F1** or **F2** button to move the cursor to the year, month, date, hour, or minute.

Use the **F3** or **F4** buttons to adjust the values, then press the  button to confirm.

A confirmation screen will appear.

Navigating through the screens:

- To return to the **'Main Menu'** screen press 
- To go back to the previous screen, press 



On/Off Timer

Step 1 – Access the Timer Settings

Select **'Timer'** from the **Main Menu**  and press the  button.

Move the cursor to **'Timer'** and press the  button.



Step 2 – Set the On/Off Timer

The current settings will appear.

Move the cursor to **'On/Off Timer'** and press the  button.

The **'Timer Settings'** screen will appear. Use the **F1** or **F2** buttons to select the desired item.

Adjust the settings using the **F3** or **F4** buttons.

- **On/Off Timer:** No (disable) / Yes (enable)
- **On:** Set the operation start time
- **Off:** Set the operation stop time
- **Repeat:** No (once) / Yes (repeat)



Step 3 – Save the Timer Settings

Press the  button to save the settings. A confirmation screen will appear.

 will appear on the main display in **Full Mode** when the **'On/Off Timer'** is enabled.

 will appear when the timer is disabled by the centralised control system.



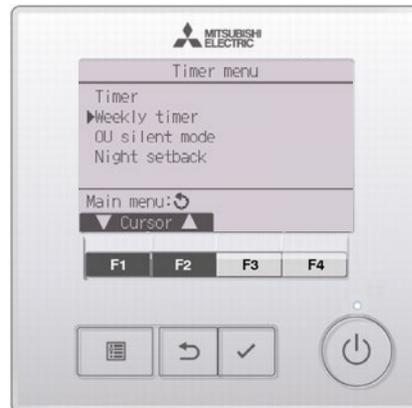
Note: Certain functions may require a password to prevent unauthorised access.
The initial administrator password is "0000".
Refer to page 15 for further information.

Weekly Timer

Step 1 – Access the Weekly Timer Settings

Select **'Weekly Timer'** from the **Main Menu**  and press the **✓** button.

Move the cursor to **'Weekly Timer'** and press the **✓** button.



Step 2 – View and Navigate Timer Settings

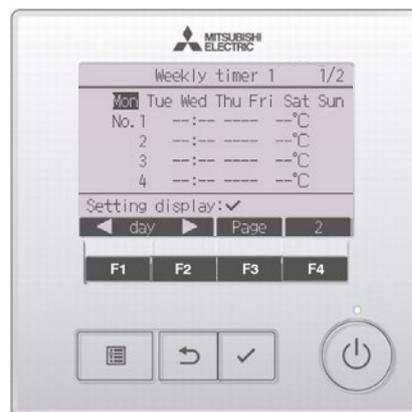
The current settings will appear.

Use the **F1** or **F2** buttons to view the settings for each day of the week.

Press the **F3** button to view timer patterns 5 through 8.

Press the **F4** button to display the status of Setting 2.

Press the **✓** button to go to the **'Weekly Time Settings'** screen.



Step 3 – Enable Timer Settings

In **'Action Setting'**, use the **F3** or **F4** buttons to select:

1 to enable **Timer Setting 1**, or

2 to enable **Timer Setting 2**.

Press the **✓** button to confirm.

To check the details of **Timer Setting 1** or **2**, move the cursor to **'Setting'** using the **F1** or **F2** buttons, then select **1** or **2** using the **F3** or **F4** buttons.



Note: Certain functions may require a password to prevent unauthorised access.
The initial administrator password is "0000".
Refer to page 15 for further information.

Weekly Timer

Step 4 – Set the Weekly Timer

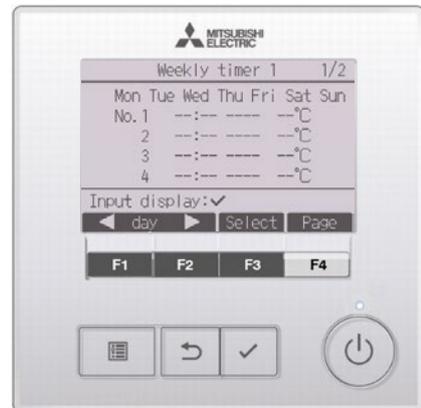
The **Weekly Timer** settings screen will appear, displaying the current settings.

Up to 8 operation patterns can be set for each day.

Use the **F1** or **F2** buttons to move the cursor to the desired day(s) of the week.

Press the **F3** button to select the day(s) (multiple days can be selected).

Press the **✓** button to confirm.



Step 5 – Configure the Operation Pattern

The **Operation Pattern Setting** screen will appear.

Press the **F1** button to move the cursor to the desired pattern number.

Use the **F2** button to move the cursor to 'Time', 'On/Off', or 'Temperature'.

Adjust the settings using the **F3** or **F4** buttons.

Time: Settable in 5-minute increments.

On/Off/Auto: Available options depend on the connected indoor unit model. (When an Auto pattern is selected, the system will operate in the **Auto (Dual Set Point) Mode**.)

Temperature: Adjustable in 1°C increments, depending on the connected indoor unit.

If **Auto (Dual Set Point) Mode** is selected, two preset temperatures can be set.

If an operation pattern with a single preset temperature setting is executed in **Auto (Dual Set Point) Mode**, it will be used as the cooling temperature in Cool Mode.

Press the **✓** button to save the settings.

A confirmation screen will appear.

 will appear on the main display in **Full Mode** when a **Weekly Timer** setting exists for the current day.



Error Information

When an error occurs, the following screen will appear. Check the error status, stop the unit, and contact your installer.

The screen will display the following details:

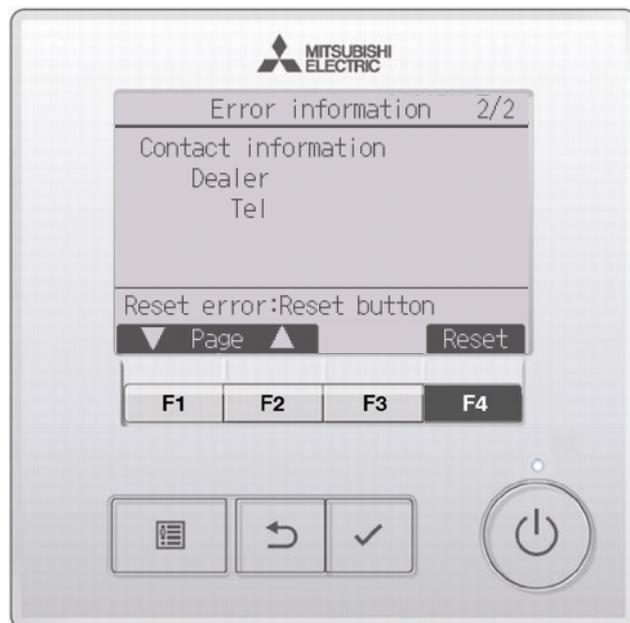
- Error code
- Error unit
- Refrigerant address
- Unit model name
- Date and time of the error occurrence
- Serial number

The **model name** and **serial number** will only appear if the information has been registered.

Use the **F1** or **F2** buttons to go to the next page.

If registered, the installer's contact information (phone number) will be displayed.

To reset the error, press the **F4** or the **ON/OFF** button.



Filter Information

When this icon  appears on the **Main Display** in **Full Mode**, it indicates that the filters need to be washed, cleaned, or replaced.

Refer to the **Indoor Unit Instruction Manual** for detailed cleaning instructions.

Step 1 – Access Filter Information

Select **'Maintenance'** from the **Main Menu** screen, and press the  button.

Select **'Filter Information'** from the **Maintenance** menu, and press the  button.

Step 2 – Reset the Filter Icon

Press the **F4** button to reset the filter icon.

Select **'OK'** using the **F4** button. A confirmation screen will appear.

Note: If this icon  is displayed on the **Main Display** in **Full Mode**, the system is centrally controlled, and the filter icon cannot be reset.



Troubleshooting

If an issue listed in the table below occurs, follow the recommended actions.

If the issue persists after taking the required action, or an unlisted issue occurs, **turn OFF the system at the main power source**, and contact an installation engineer or electrical engineer for assistance.

Symptom	Cause	Action
No Operation	Power is not being supplied to the product.	Check the circuit breaker on the power board.
	The ON/OFF button on the controller is not set to 'ON'.	Press the ON/OFF button on the controller to turn it on.
Operating noise has increased	The filter is not installed securely.	Reinstall the filter.
	The filter is clogged.	Clean the filter.
Airflow has decreased	The filter is clogged.	Clean the filter.

Password

The administrator or maintenance user password must be entered on the password input screen to change settings. There is no settings that can skip this process.

Press **F1** to move the cursor left.

Press **F2** to move the cursor right.

Press **F3** to decrease the value by 1.

Press **F4** to increase the value by 1.

Changes cannot be made unless the correct password is entered.



Refer to Installation Manual for how to change the password.



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Peace of mind is assured with your choice of Mitsubishi Electric Heat Pumps – supported by a comprehensive 5 year parts and labour warranty.



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PUBLISHED JUN 2025

 PLEASE LOOK AFTER THE ENVIRONMENT AND RECYCLE