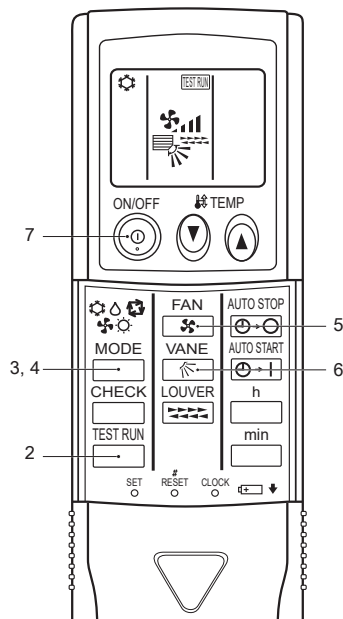
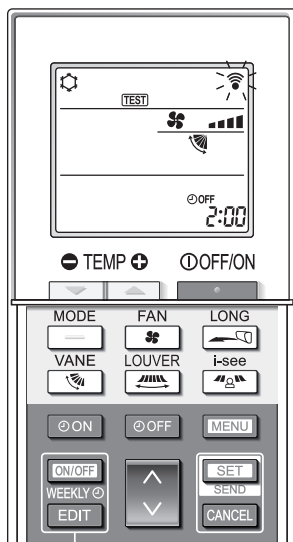




15-4-3. PAR-SL101A-E

Operating instructions

1. Stop the air conditioner
 - Press  button to stop the air conditioner.
 - If the weekly timer is enabled ( is shown on the display), press  button to disable it ( is off).
2. Start the test run
 - Press  button for 5 seconds.
 -  appears on the display and the unit starts the service mode.
 - Press  button.
 -  appears on the display and the unit starts the test run mode.
 - Press the following buttons to start the test run.
 - : Switch the operation mode between cooling and heating and start the test run.
 - : Switch the fan speed and start the test run.
 - : Switch the airflow direction and start the test run.
 - : Switch the louver and start the test run.
 - : Start the test run.
3. Stop the test run.
 - Press  button to stop the test run.
 - After 2 hours, the stop signal is transmitted.



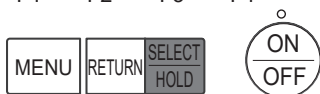
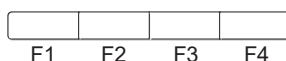
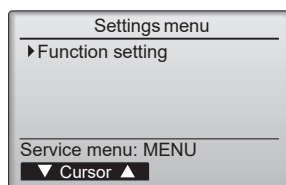
15-5. [Function setting]

15-5-1. PAR-42MAAUB

Operating instructions

1. Open the [Function setting] screen.
 - Select [Service] from [Main menu], and press [SELECT] button.
 - Select [Setting] from [Service menu], and press [SELECT] button.
 - Select [Function setting] and press [SELECT] button.

[Function setting] screen will appear.

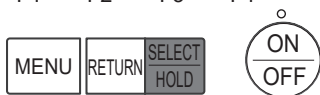
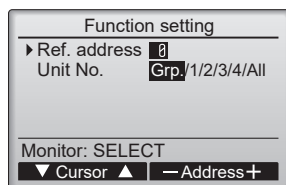


2. Set the indoor unit refrigerant addresses and indoor numbers

- Enter the indoor unit refrigerant addresses and indoor numbers with F1 - F4 buttons, and then press [SELECT] button to confirm the current setting.

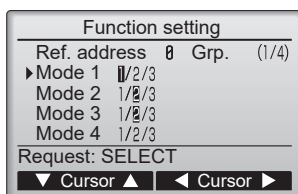
Note: Checking the indoor unit No.

- When [SELECT] button is pressed, the target indoor unit will start fan operation. If the unit is common or when running all units, all indoor units for the selected refrigerant address will start fan operation.



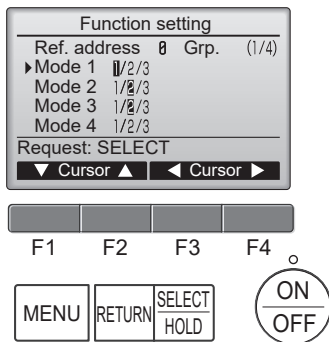
3. Check the current settings

- When data collection from the indoor units is completed, the current settings appears highlighted. Non-highlighted items indicate that no function settings are made.
Screen appearance varies depending on [Unit No.] setting.



4. Change the current settings

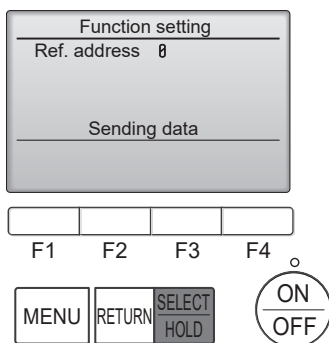
- Use F1 or F2 button to move the cursor to select the mode number, and change the setting number with F3 or F4 button.



5. Complete the function settings

- When the settings are completed, press [SELECT] button to send the setting data from the remote controller to the indoor units.

When the transmission is successfully completed, the screen will return to [Function setting] screen.



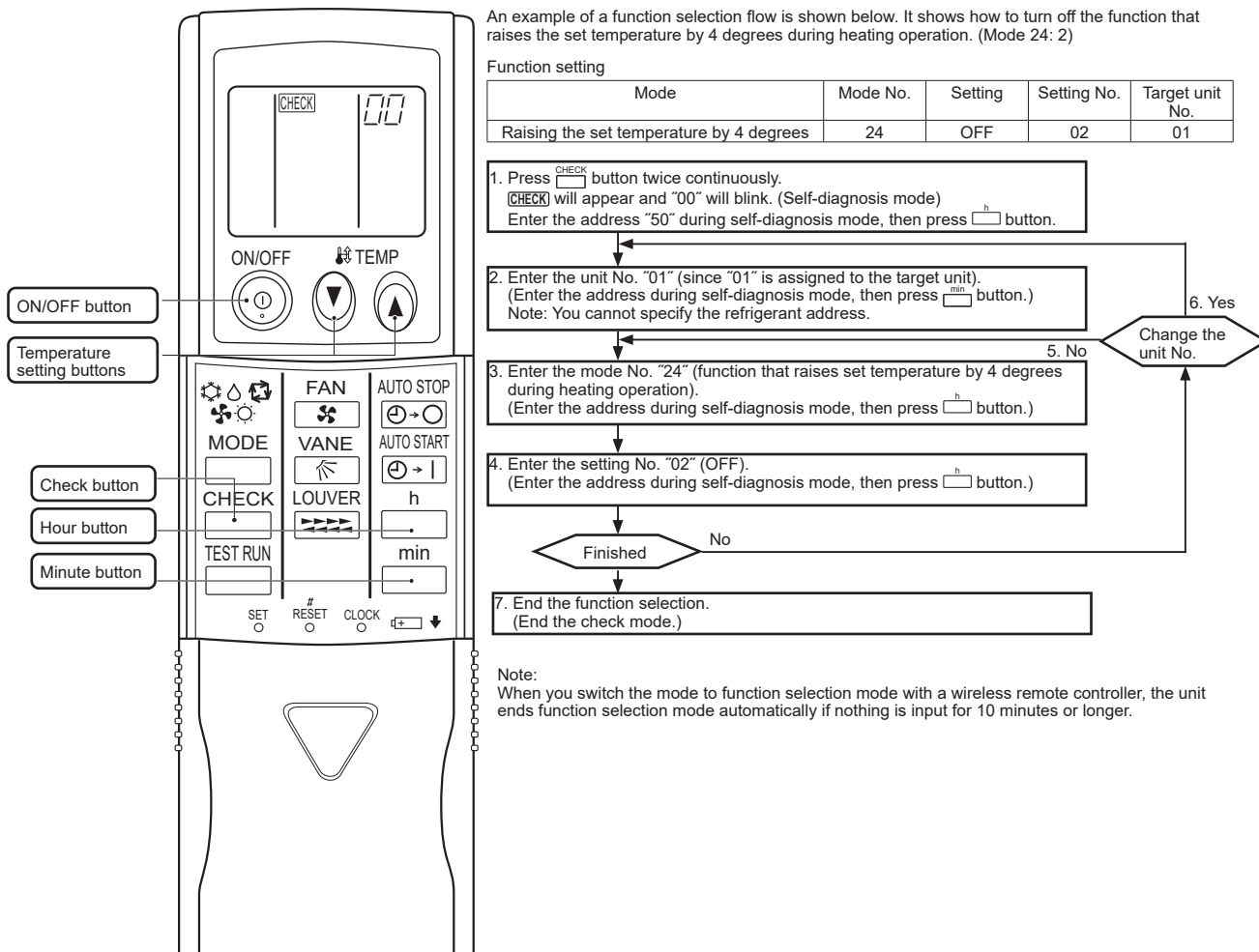
Notes:

- Make the above settings only on Mr. Slim units as necessary.
- The above function settings are not available for City Multi units.
- Refer to the installation manual of the indoor unit for the information about initial settings, mode numbers, and setting numbers of indoor units.
- Be sure to write down the settings for all functions if any of the initial settings has been changed after the completion of installation work.

15-5-2. PAR-FL32MA

Functions can be selected with the wireless remote controller. Function selection using wireless remote controller is available only for refrigerant system with wireless function. Refrigerant address cannot be specified by the wireless remote controller.

An example of function selection flow



Operating instructions

- Press button twice continuously. → appears and "00" blinks.
 - Press TEMP button once to set the address number to "50".
 - Direct the wireless remote controller toward the receiver of the indoor unit and press button.
- Enter the unit number.
 - Press TEMP button to enter the unit number.
 - Direct the wireless remote controller toward the receiver of the indoor unit and press button.

By setting the unit number with button, the specified indoor unit starts performing fan operation. Detect which unit is assigned to which number using this function. If unit number is set to AL, all the indoor units in the same refrigerant system start performing fan operation simultaneously.

Notes:

- If a unit number that cannot be recognized by the unit is entered, 3 beeps of 0.4 seconds will be emitted. Reenter the unit number.
- If the signal was not received by the sensor, no beep or a "double beep" will be emitted. Reenter the unit number.

3. Select a mode.

- Press TEMP button to set a mode.
- Direct the wireless remote controller toward the sensor of the indoor unit and press button.
→ The sensor-operation indicator will blink and beeps will be emitted to indicate the current setting number.
Current setting number: 1 = 1 beep (1 second)
2 = 2 beeps (1 second each)
3 = 3 beeps (1 second each)

Notes:

- If a mode number that cannot be recognized by the unit is entered, 3 beeps of 0.4 seconds will be emitted. Reenter the mode number.
 - If the signal was not received by the sensor, no beep or a "double beep" will be emitted. Reenter the mode number.
4. Select the setting number.
 - Press TEMP  button to select the setting number.
 - Direct the wireless remote controller toward the receiver of the indoor unit and press  button.
 - The sensor-operation indicator will blink and beeps will be emitted to indicate the setting number.
- Setting number: 1 = 1 beep (0.4 seconds each)
 2 = 2 beeps (0.4 seconds each, repeated twice)
 3 = 2 beeps (0.4 seconds each, repeated 3 times)

Notes:

- If a setting number that cannot be recognized by the unit is entered, the setting will turn back to the original setting.
 - If the signal was not received by the sensor, no beep or a "double beep" will be emitted. Reenter the setting number.
5. Repeat steps 3 and 4 to make other function setting on the same unit.
 6. Repeat steps 2 to 4 to change the unit and make function settings on it.
 7. Complete the function settings
 - Press  button.

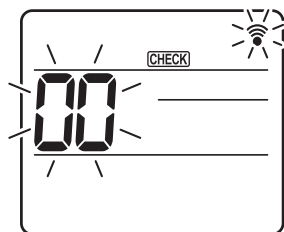
Note:

- Do not use the wireless remote controller for 30 seconds after completing the function setting.

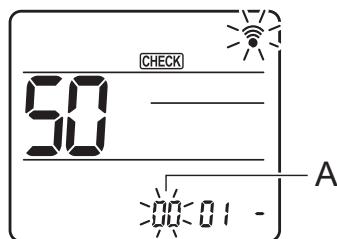
15-5-3. PAR-SL101A-E

Operating instructions

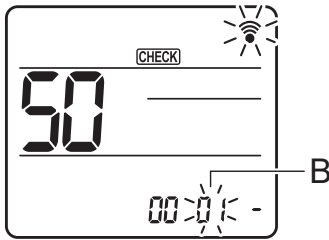
1. Go to the function select mode.
 - Press  button for 5 seconds. (Start this operation from the status of remote controller display turned off.)
 appears on the display and "00" blinks.
 - Press  button to enter "50".
 - Direct the wireless remote controller toward the receiver of the indoor unit and press  button.



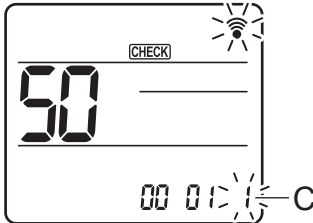
2. Set the unit number.
 - Press  button to set unit number A.
 - Direct the wireless remote controller toward the receiver of the indoor unit and press  button.



3. Select a mode
 - Press  button to set the mode number B.
 - Direct the wireless remote controller toward the receiver of the indoor unit and press  button.
- Current setting number: 1=1 beep (1 second)
 2=2 beeps (1 second each)
 3=3 beeps (1 second each)



4. Select the setting number.
 - Press button to change the setting number C.
 - Direct the wireless remote controller toward the receiver of the indoor unit and press button.



5. Select multiple functions continuously.
 - Repeat the steps 3 and 4 to change multiple function settings continuously.
6. Complete function selections.
 - Direct the wireless remote controller toward the sensor of the indoor unit and press button.

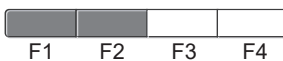
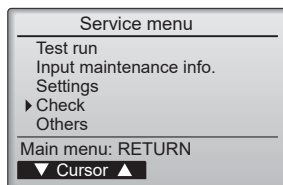
Note:

- Be sure to write down the settings for all functions if any of the initial settings has been changed after the completion of installation work.

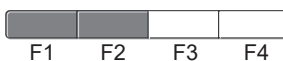
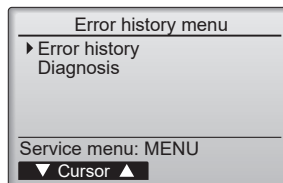
15-6. [Error history]

Operating instructions

1. Open [Service menu] and select [Check].
 - Select [Service] from [Main menu], and press [SELECT] button.
 - Select [Check] with F1 or F2 button, and press [SELECT] button.



2. Select [Error history] with F1 or F2 button, and press [SELECT] button.



3. 16 error history records will appear.
 4 records are shown per page, and the top record on the first page indicates the latest error record.

Error history			1/4
Error	Unt#	dd/mm/yy	
E4	0-1	12/04/20	12:34
E4	0-1	12/04/20	12:34
E4	0-1	12/04/20	12:34
E4	0-1	12/04/20	12:34
Check menu: RETURN			
▼ Page ▲			Delete

4. Delete the error history.
- Press F4 button [Delete].
 A confirmation screen will appear asking if you want to delete the error history.
 - Press F4 button [OK] to delete the history.
 [Error history deleted] will appear on the screen.
 - Press [RETURN] button to go back to [Check menu] screen.



15-7. Self-diagnosis

15-7-1. PAR-42MAAUB

Operating instructions

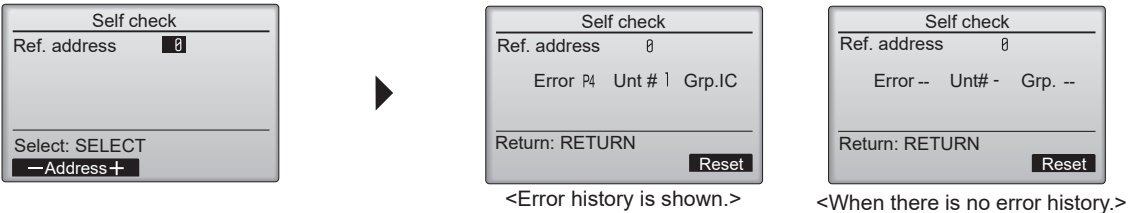
1. Open [Self check] screen
- Select [Service] from [Main menu], and press [SELECT] button.
 - Select [Check] from [Service menu], and press [SELECT] button.
 - Select [Diagnosis] from [Check menu], and press [SELECT] button.
 - Select [Self check] with F1 or F2 button, and press [SELECT] button.
 [Self check] screen will appear.

Diagnosis	
▶ Self check	
Remote controller check	
Service menu: MENU	
▼ Cursor ▲	

F1	F2	F3	F4



2. Enter the refrigerant address with F1 or F2 button, and press [SELECT] button.
- Check code, unit number, attribute, and indoor unit demand signal ON/OFF status at the contact will appear.
 [-] will appear when there is no error history.



3. Reset the error history.
 - Press F4 button [Reset].
A confirmation screen will appear to ask you if you want to delete the error history.
 - Press F4 button [OK] to delete the error history.
[Request rejected] will appear if deletion fails.
[Unit not exist] will appear if no indoor unit is assigned to the entered address.



Notes:

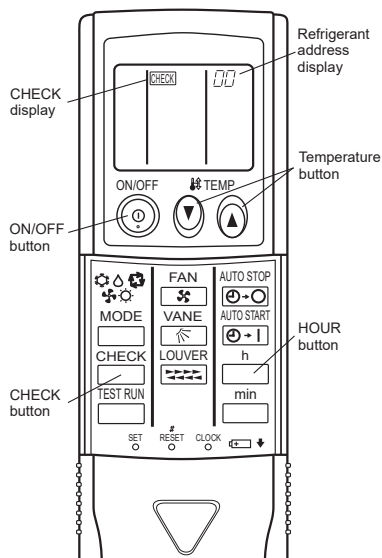
- To go back to [Service menu], press [MENU] button
- To return to the previous screen, press [RETURN] button

15-7-2. PAR-FL32MA

When a malfunction occurs to air conditioners, both of the indoor unit and the outdoor unit will stop and the operation lamp will blink to inform the unusual stop.

Operating instructions

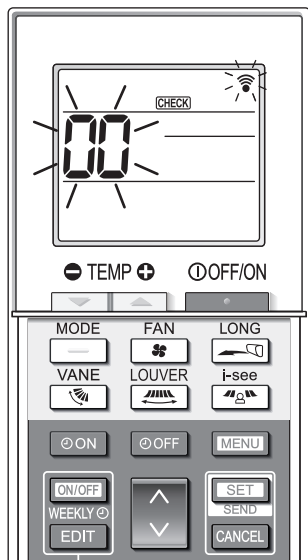
1. Press  button twice.
 appears, and the refrigerant address "00" blinks.
Make sure that the remote controller's display has stopped before continuing.
2. Press   buttons to select the refrigerant address of the indoor unit for self-diagnosis.
Set the address of the indoor unit that is to be self-diagnosed.
3. Point the remote controller at the sensor of the indoor unit and press  button.
If an air conditioner error occurs, the indoor unit's sensor emits an intermittent buzzer sound, the operation light blinks, and the check code is output.
4. Point the remote controller at the sensor of the indoor unit and press  button.
The check mode is cancelled.



15-7-3. PAR-SL101A-E

Operating instructions

1. Press  button to stop the air conditioner.
If the weekly timer is enabled ( is shown on the display), press  button to disable it ( is off).
2. Press  button for 5 seconds.  appears and the unit starts the self-check mode.
3. Press  button to select the refrigerant address (M-NET address) of the indoor unit for which you want to perform the self-check.
4. Press  button.
If an error is detected, the error code is indicated by the number of beeps from the indoor unit and the number of blinks of the operation indicator lamp.
5. Press  button.
 and the refrigerant address (M-NET address) go off and the self-check is completed.

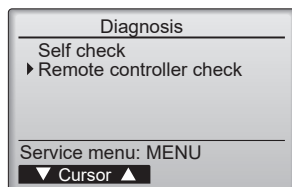


15-8. [Remote controller check]

Operating instructions

If operations cannot be completed with the remote controller, diagnose the remote controller with this function.

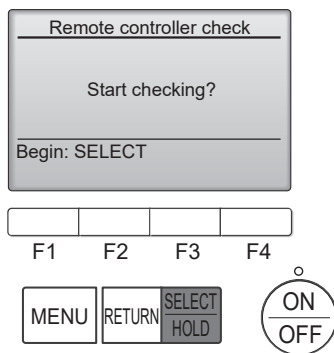
1. Go to [Remote controller check] screen.
 - Select [Service] from [Main menu], and press [SELECT] button.
 - Select [Check] from [Service menu], and press [SELECT] button.
 - Select [Diagnosis] from [Check menu], and press [SELECT] button.
 - Select [Remote controller check] with F1 or F2 button, and press [SELECT] button.



2. Start the remote controller check.
 - Select [Remote controller check] from [Diagnosis], and press [SELECT] button to start the remote controller check and see the check results.

Notes:

- To cancel the remote controller check and exit [Remote controller check] menu screen, press [MENU] or [RETURN] button.
- The remote controller will not reboot itself.



3. Check the result of the remote controller check.
See the following descriptions for each result:

[OK]:

- The remote controller has no problem. Check other parts to find problems.

[E3], [6832]:

- There is noise on the transmission line, or the indoor unit or another remote controller is faulty. Check the transmission line and the other remote controllers.

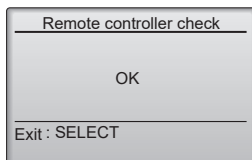
[NG] (ALL0, ALL1):

- Send-receive circuit fault. The remote controller needs to be replaced.

[ERC]:

- The number of data errors is the discrepancy between the number of bits in the data transmitted from the remote controller and that of the data that was actually transmitted over the transmission line. If data errors are found, check the transmission line for external noise interference.

If [SELECT] button is pressed after the remote controller check results are displayed, remote controller check will end, and the remote controller will automatically reboot itself.



Remote controller check results screen

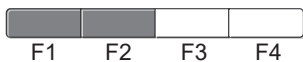
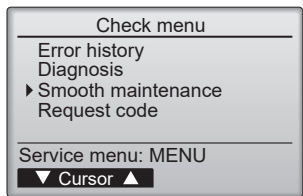
Note:

- Check the remote controller display and see if anything is displayed (including lines). Nothing will appear on the remote controller display if the correct voltage (8.5 – 12 VDC) is not supplied to the remote controller. If this is the case, check the remote controller wiring and indoor units.

15-9. [Smooth Maintenance]

Operating instructions

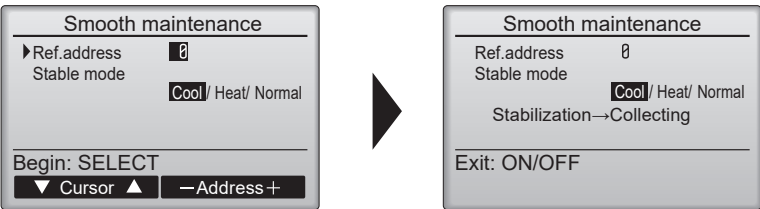
- 1. Go to [Smooth maintenance] screen.
 - Select [Service] from [Main menu], and press [SELECT] button.
 - Select [Check] with F1 or F2 button, and press [SELECT] button.
 - Select [Smooth maintenance] with F1 or F2 button, and press [SELECT] button.



- 2. Set the refrigerant address and the stable mode.
 - Select the item to be changed with F1 or F2 button.
 - Select the required setting with F3 or F4 button.
 - [Ref.address] setting: 0 - 15
 - [Stable mode] setting: [Cool/Heat/Normal]
 - Press [SELECT] button, Fixed operation will start.

Note:

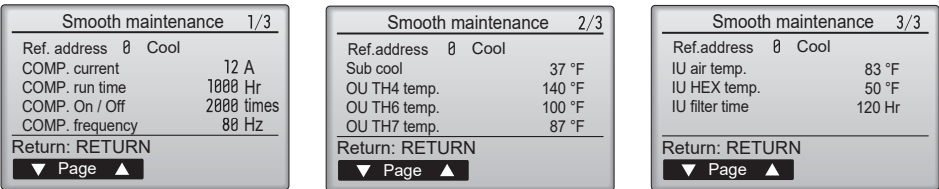
- Stable mode will take approx. 20 minutes.



- 3. The operation data will appear.
- The compressor-accumulated operating (COMP. run) time is 10-hour unit, and the compressor-number of operation times (COMP. ON/OFF) is a 100-time unit (fractions discarded).

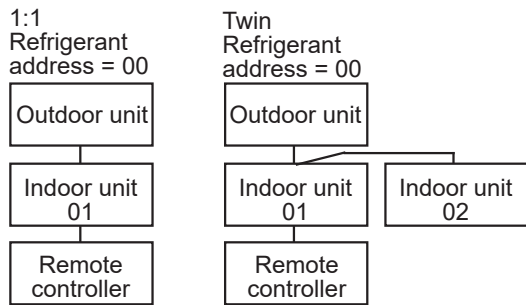
Note:

- To go back to [Service menu], press [MENU] button
- To return to the previous screen, press [RETURN] button



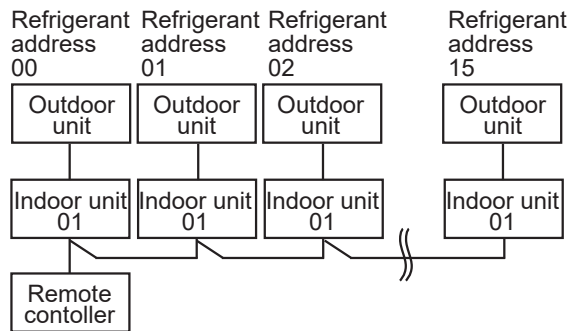
■ Refrigerant address

- Single refrigerant system
- In the case of single refrigerant system, the refrigerant address is "00" and no operation is required. Simultaneous twin, triple units belong to this category (single refrigerant system).



- Multi refrigerant system (group control)

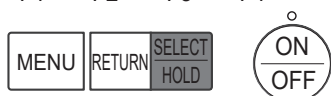
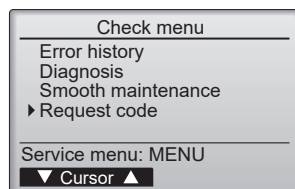
Up to 16 refrigerant systems (16 outdoor units) can be connected as a group by 1 remote controller. To check or set the refrigerant addresses.



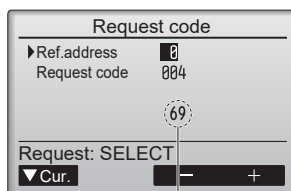
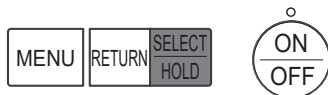
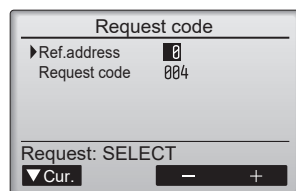
15-10. [Request code]

Details on the operation data including each thermistor temperature and error history can be confirmed with the remote controller.

1. Go to [Request code] screen.
 - Select [Service] from [Main menu], and press [SELECT] button.
 - Select [Check] with F1 or F2 button, and press [SELECT] button.
 - Select [Request code] with F1 or F2 button, and press [SELECT] button.



2. Set the refrigerant address and the request code.
 - Select the item to be changed with F1 or F2 button.
 - Select the required setting with F3 or F4 button.
 - [Ref.address] setting: 0 – 15
 - [Request code] setting
 - Press [SELECT] button. Data will be collected and displayed.



Request code: 004
Discharge temperature: 69°F

MITSUBISHI ELECTRIC CORPORATION

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