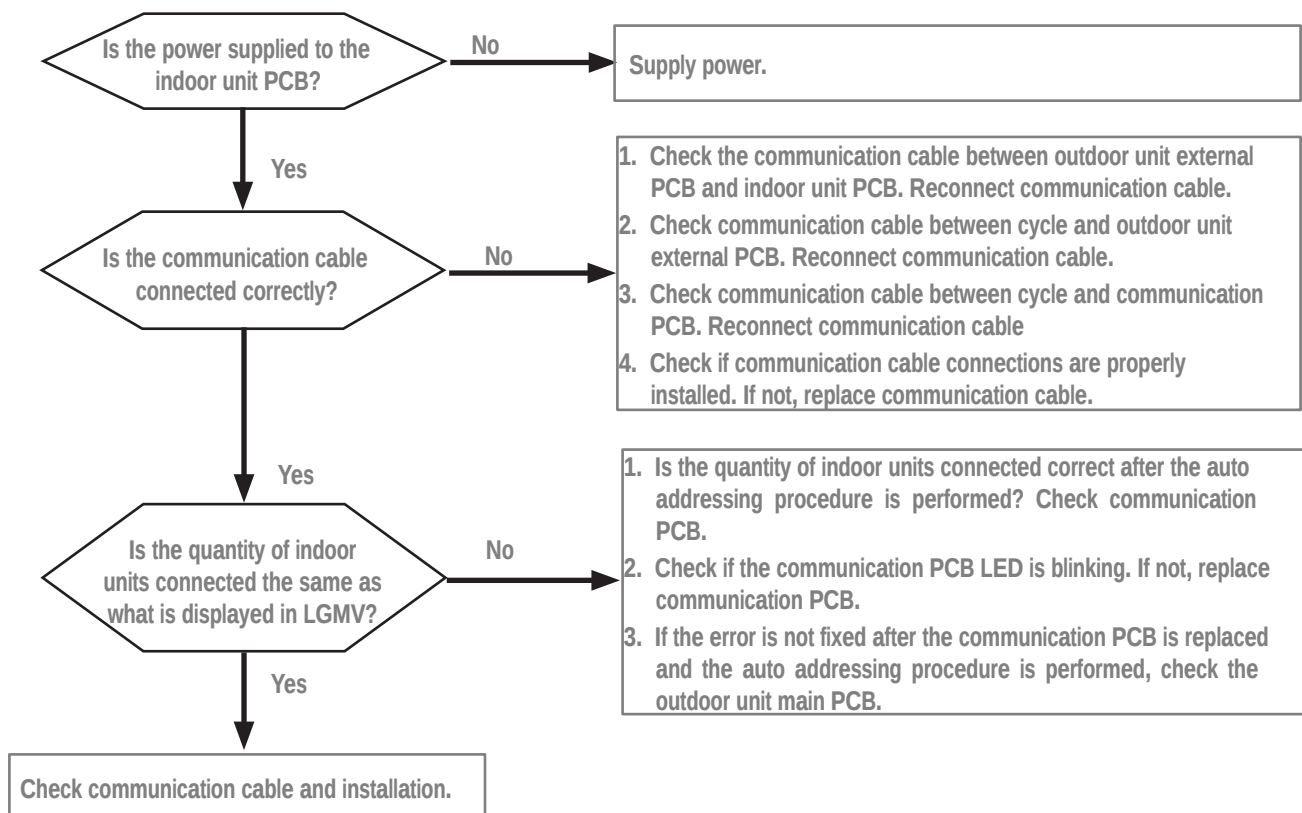


# ERROR CODES

## Error No. 53

**⚠ WARNING** Please refer to the Safety Precautions on pages 4-7 for more detail to prevent injury or death regarding the operation and service troubleshooting of the Multi V product.

| Error No.                                             | Description                                                                | Details                                                               | Causes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------------------------------------|----------------------------------------------------------------------------|-----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 53<br><br>Master: 531<br>Slave 1: 532<br>Slave 2: 533 | Communication error between outdoor unit main PCB and indoor unit (s) PCB. | Outdoor unit main PCB cannot receive the signal from the indoor unit. | <ol style="list-style-type: none"> <li>1. Communication cables are not connected between external PCB and indoor PCB.</li> <li>2. Communications cables are disconnected or have short circuited between the main PCB and external PCB.</li> <li>3. Communication cables are disconnected or have short circuited between the main PCB and communication PCB.</li> <li>4. Communication cables are disconnected or have short circuited (communication cable connection error.)</li> <li>5. Power to the indoor PCB is off.</li> <li>6. Defective outdoor unit main PCB, communication PCB, and / or indoor unit PCB.</li> <li>7. Outdoor unit main PCB / indoor unit PCB is defective or damaged.</li> </ol> |



**⚠ WARNING** Please refer to the Safety Precautions on pages 4-7 for more detail to prevent injury or death regarding the operation and service troubleshooting of the Multi V product.

Error No. 53 indicates there is a communication error between the outdoor unit and indoor unit(s). See LGMV to help determine which indoor unit or units are not communicating with the outdoor unit.

- Does LGMV display the correct number of indoor units? If LGMV DOES NOT display the correct number of indoor units, find the missing indoor unit or units and troubleshoot.
- If LGMV DOES displays the correct number of indoor units, but the outdoor unit still shows CH53, check the communication count line on LGMV. Find the indoor unit that does not have a communication count increase—that indicates the indoor unit which is not communicating. The indoor unit may have:
  1. Wrong communication cable or power wiring connection(s).
  2. A PCB malfunction.
  3. Duplicate address numbers for indoor units (Error No. 53 will appear at the indoor unit).

LGMV Communication Line Example

| IDU Gr. 1 |       | More HR Info |       |          |     |     |      | More IdU Info |  |
|-----------|-------|--------------|-------|----------|-----|-----|------|---------------|--|
|           | comm. | CEN          | error | humidity | H/L | TGT | TGT2 |               |  |
| IDU1      | 38    | 6            | 0     | 0        | 0   | 0   | 0    |               |  |
| IDU2      | 39    | 2            | 0     | 0        | 0   | 0   | 0    |               |  |
| IDU3      | 38    | 8            | 0     | 0        | 0   | 0   | 0    |               |  |
| IDU4      | 37    | 1            | 0     | 0        | 0   | 0   | 0    |               |  |
| IDU5      | 37    | 0            | 0     | 0        | 0   | 0   | 0    |               |  |
| IDU6      | 37    | 5            | 0     | 0        | 0   | 0   | 0    |               |  |
| IDU7      | 38    | 7            | 0     | 0        | 0   | 0   | 0    |               |  |
| IDU8      | 38    | 4            | 0     | 0        | 0   | 0   | 0    |               |  |

### Note:

- If communication in general is not functioning properly, then the auto addressing procedure has not been performed yet or has not been performed properly.
- Auto addressing must be performed after an indoor unit PCB has been replaced. Also, if a central controller is installed, the central controller address must be input.
- In addition to the information presented here, see also the troubleshooting procedure for Error No. 05.

External PCB



Main PCB



Indoor Unit Communication PCB



Wiring Error.



### Note:

Images here are representative of system components. Actual component appearance depends on model and system type.