

## 7-2 Error Code Definitions and Solutions: Codes [0 - 999]

### 7-2-1 Error Code [0403]

**1. Error code definition**

**Serial communication error**

**2. Error definition and error detection method**

Serial communication error between the control board and the INV board on the compressor, and between the control board and the Fan board

Detail code 1: Between the control board and the INV board

Detail code 5, 6: Between the control board and the Fan board

**3. Cause, check method and remedy**

**(1) Faulty wiring**

Check the following wiring connections.

1) Between Control board and Fan board

Control board	FAN board
CN2,CN2A	CN80
CN4,CN4A	CN80

2) Between Fan board and INV board

FAN board	INV board
CN82	CN2
CN83	CN43

**(2) INV board failure, Fan board failure and Control board failure**

Replace the INV board or the Fan board or control board when the power turns on automatically, even if the power source is reset.

**1. Error code definition**

**Panel communication error (Indoor unit)**

**2. Error definition and detection method**

This error is detected when indoor units cannot successfully receive the signals from the Auto filter cleaning unit for one minute.

**3. Cause, check method and remedy**

Cause	Check method and remedy
(1) Incorrect switch setting on the indoor unit circuit board	Check SW3-3 on the indoor unit circuit board Set SW3-3 to ON only when connecting an auto filter cleaning unit.
(2) Power wire that connects the circuit board on the indoor unit and the circuit board on the cleaning unit is loose.	Check the LED1 (cleaning unit circuit board (microcomputer power)). Lit: Power is supplied properly. Unlit: Check for loose or disconnected power wire between the indoor unit circuit board (CNAC) and the cleaning unit circuit board (CN3A).
(3) Communication wire that connects the circuit board on the indoor unit and the circuit board on the cleaning unit is loose.	Check the LED4 (cleaning unit circuit board (communication)). Blinking: Normal communication Unlit: Check for loose or disconnected communication wire between the indoor unit circuit board (CN3G) and the cleaning unit circuit board (CN3G).
(4) Panel transceiver circuit fault (cleaning unit)	If the LED blinks at irregular intervals (normally blinks at 0.5-second intervals), electrical interference is suspected. Check the items above, turn the power off, and turn the power back on. If the error persists, replace either the cleaning unit circuit board or the indoor unit circuit board.
(5) Panel transceiver circuit fault (indoor unit)	
(6) Electrical interference on the cleaning unit's communication cable	

**Note**

For inverter-related error codes, refer to the following page(s).  
[8-10 Troubleshooting Inverter Problems (TLMU)](page 329)  
[8-11 Troubleshooting Inverter Problems (YLMU)](page 341)