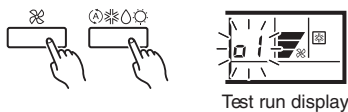


# ERROR CONTENTS (indoor unit)

**CAUTION**

**Supply power to the crankcase heater for at least 12 hours before the start of operation in winter.**

- (1) Stop the air conditioner operation.
- (2) Press the master control button and the fan control button simultaneously for 2 seconds or more to start the test run.



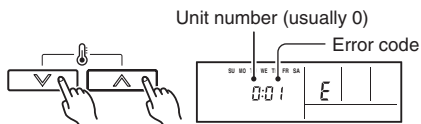
- (3) Press the start/stop button to stop the test run.

## [SELF-DIAGNOSIS]

When the error indication "E:EE" is displayed, follow the following items to perform the self-diagnosis. "E:EE" indicates an error has occurred.

## REMOTE CONTROLLER DISPLAY

- (1) Stop the air conditioner operation.
- (2) Press the set temperature buttons  $\wedge$  /  $\vee$  simultaneously for 5 seconds or more to start the self-diagnosis. Refer to the following tables for the description of each error code.



- (3) Press the set temperature buttons  $\wedge$  /  $\vee$  simultaneously for 5 seconds or more to stop the self-diagnosis.

Error code	Error contents
<b>00</b>	Communication error (Indoor unit ↔ remote controller)
<b>01</b>	Communication error (Indoor unit ↔ outdoor unit)
<b>02</b>	Room temperature sensor open
<b>03</b>	Room temperature sensor short-circuited
<b>04</b>	Indoor heat exchanger temperature sensor open
<b>05</b>	Indoor heat exchanger temperature sensor short-circuited
<b>06</b>	Outdoor heat exchanger temperature sensor
<b>08</b>	Power source connection error
<b>09</b>	Float switch operated
<b>0A</b>	Outdoor temperature sensor
<b>0c</b>	Discharge pipe temperature sensor
<b>0E</b>	Outdoor high pressure abnormal
<b>11</b>	Model abnormal
<b>12</b>	Indoor fan abnormal
<b>13</b>	Outdoor signal abnormal
<b>14</b>	Outdoor EEPROM abnormal
<b>15</b>	Compressor temperature sensor
<b>16</b>	Pressure switch error
<b>17</b>	IPM error
<b>18</b>	CT error
<b>19</b>	Active filter module (AFM) error
<b>1A</b>	Compressor does not operate
<b>1b</b>	Outdoor unit fan error
<b>1c</b>	Communication error (inverter → multicontroller)
<b>1d</b>	2 way valve sensor error
<b>1E</b>	Expansion valve error
<b>1F</b>	Connection indoor unit error

# ERROR CONTENTS (outdoor unit)

**⚠ CAUTION**

Always turn on the power 12 hours prior to the start of the operation in order to ensure compressor protection

**1. Make a TEST RUN in accordance with the installation instruction sheet for the indoor unit.**

**2. OUTDOOR UNIT LEDS**

When a malfunction occurs in the outdoor unit, the LED on the circuit board lights to indicate the error. Refer to the following table for the description of each error according to the LED.

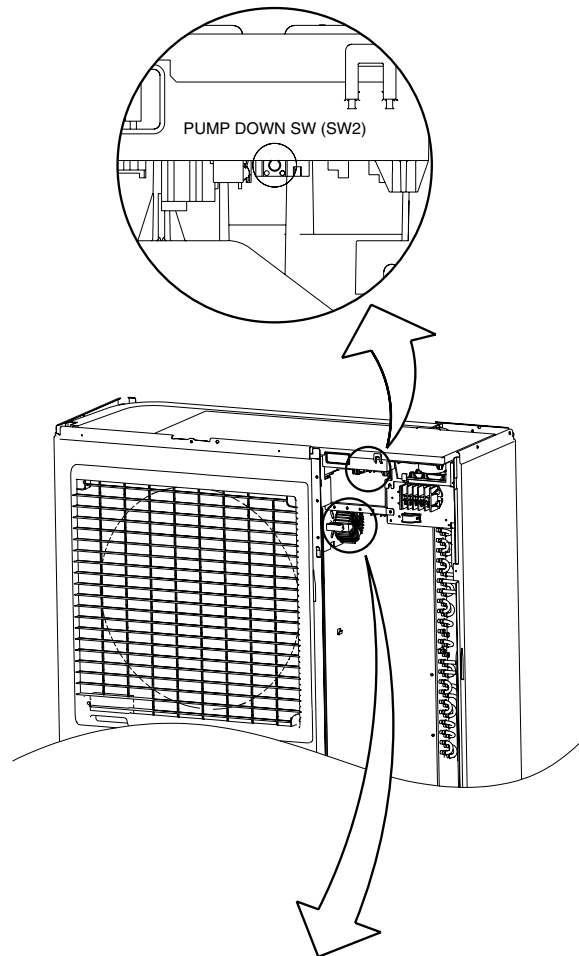
LED	Error contents
1 flash	Communication error (Indoor unit - Outdoor unit)
2 flash	Discharg pipe temperature sensor
3 flash	Outdoor heat exchanger temperature sensor
4 flash	Outdoor temperature sensor
7 flash	Compressor temperature sensor
8 flash	Heat sink temperature sensor
9 flash	Pressure switch abnormal
12 flash	IPM error
13 flash	Compressor rotor position cannot detect
14 flash	Compressor cannot operate
15 flash	Outdoor fan abnormal (upper fan)
16 flash	Outdoor fan abnormal (lower fan)
5 sec. ON/ 1 sec. OFF repeated	Protect operation
lighting	No error

## SPECIAL INSTALLATION SETTING

### PUMP DOWN (Refrigerant collecting operation)

Perform the following procedures to collect the refrigerant when moving the indoor unit or the outdoor unit.

- (1) Press the push-button switch (SW2) on the circuit board once.  
The LED on the circuit board starts flashing (one second ON/one second OFF). This indicates the start of PUMP DOWN operation. When the switch is pressed while the compressor is in operation, PUMP DOWN operation starts automatically. When the switch is pressed while the compressor is in stop, the compressor starts to operate automatically, and then move on to PUMP DOWN operation.
- (2) PUMP DOWN operation continues for about 1 minute. When PUMP DOWN operation is completed, the compressor stops automatically. Then close the 2-way valve and 3-way valve immediately.
- (3) Turn the power off.



**⚠ DANGER**

This part (Choke coil) generates high voltages. Never touch this part.