

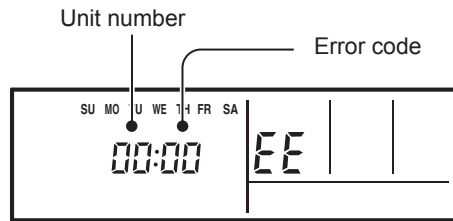
# ERROR CONTENTS

## REMOTE CONTROL UNIT

Troubleshooting at the remote control LCD

This is possible only on the wired remote control.

If an error occurs, the following display will be shown.  
("EE" will appear in the set room temperature display.)



Code	Error contents
<b>01 13</b> <b>26 27</b>	Indoor signal error
<b>00</b>	Wired remote controller abnormal
<b>02</b>	Indoor room temperature sensor error
<b>04</b>	Indoor heat exchanger temperature sensor (middle) error
<b>28</b>	Indoor heat exchanger temperature sensor (inlet) error
<b>09</b>	Float switch operated
<b>0C</b>	Outdoor discharge pipe temperature sensor error
<b>06</b>	Outdoor heat exchanger temperature sensor (outlet) error
<b>0A</b>	Outdoor temperature sensor error
<b>15</b>	Compressor temperature sensor error
<b>1d</b>	2-way valve temperature sensor error
<b>1E</b>	3-way valve temperature sensor error
<b>29</b>	Outdoor heat exchanger temperature sensor (middle) error
<b>20</b>	Indoor manual auto switch abnormal
<b>2A</b>	Power supply frequency detection error
<b>17</b>	IPM protection
<b>18</b>	CT error
<b>1A</b>	Compressor location error
<b>1b</b>	Outdoor fan error
<b>1F</b>	Connected indoor unit abnormal
<b>1c</b>	Outdoor unit computer communication error
<b>12</b>	Indoor fan abnormal
<b>0F</b>	Discharge temperature error
<b>24</b>	Excessive high pressure protection on cooling
<b>2c</b>	4-way valve abnormal
<b>16</b>	Pressure switch abnormal
<b>2b</b>	Compressor temperature error
<b>19</b>	Active filter abnormal
<b>25</b>	PFC circuit error

If "CO" appears in the unit number display, there is a remote control error. Refer to the installation instruction sheet included with the remote control.

# 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.

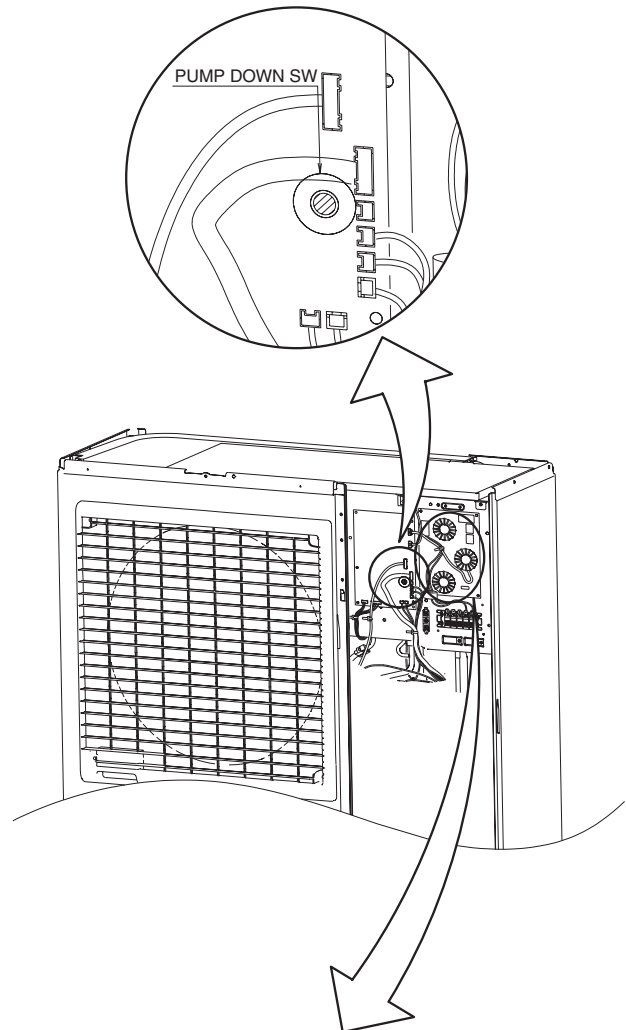
LED	ERROR CONTENTS
FLASH (0.1sec ON/0.1sec OFF)	Temperature sensor error
FLASH (0.5sec ON/0.5sec OFF)	IPM protection
FLASH (2sec ON/2sec OFF)	Current trans. error
FLASH (5sec ON/5sec OFF)	Outdoor fan error
FLASH (0.1sec ON/2sec OFF)	Compressor rotor position cannot be detected
FLASH (5sec ON/0.1sec OFF)	ACTPM error
Lighting	Overheat discharge temperature protection

## 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 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.