# **Self-diagnosis function**

### 1. The malfunction indicator of indoor (see the operating LED of the INDOOR)

Error Code	The cause of malfunction	Malfunction indicator	The operating state
1	Indoor TH. is short or open.	The operating LED will be blinking once.	Keep operating state.
2	Outdoor TH. is short or open.	The operating LED will be blinking twice.	Keep operating state.
4	Outdoor OLP TH is short or open.	The operating LED will be blinking 4 times.	Restart compressor when OLP TH Temp is 74°C below.
5	Comunication error (serial comunication).	The operating LED will be blinking 5 times.	The operation is off(enable to restart by remote controller).
6	DC peak error.	The operating LED will be blinking 6 times.	Compressor will be turned off immediately.
7	Running current is overloaded.	The operating LED will be blinking 7 times.	Compressor will be turned off immediately.

 $<sup>\</sup>mbox{\#}$  Error code  $\mbox{@},$   $\mbox{@}$  can't be operated unless the power cord is removed.

## 2. The malfunction indicator of outdoor (see the LED01M on the outdoor PCB ass'y)

Error Code	The cause of malfunction	Malfunction indicator	The operating state
2	Indoor TH. is short or open.	The LED01M will be blinking twice.	Keep operating state.
4	Outdoor OLP is open.	The LED01M will be blinking 4 times.	Restart comp. on in the OLP short state.
5	Comunication error (serial comunication).	The LED01M will be blinking 5 times.	The operation is off(enable to restart by remote controller).
6	DC peak error.	The LED01M will be blinking 6 times.	Compressor will be turned off immediately.
7	Running current is overloaded.	The LED01M will be blinking 7 times.	Compressor will be turned off immediately.
10	Comp. dome TH is short or open.	The LED01M will be blinking 10 times.	Compressor will be turned off immediately.

#### ■ Precaution in Service or Check

Even after stopping the operation of product, it takes some time to discharge the remaining electricity of the electrolytic capacitor that was charged. Before starting a checking or repairing job, pull out the plug out of the outlet and make sure that the lamp on the control board outdoor unit is off.

## **■** The Diagnosis Procedure

Check the supplied voltage to product (AC 220V/240V ± 30V).

Check the connecting cable between Indoor and Outdoor.

Check the blinking number of operation indicator (refer to the self-error function).

Check the self-diagnosis table

Indoor

Outdoor

- Check the condition of connectors
- The condition of P.C.B pattern.

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- The electronic components.