

1. Self-diagnosis

(1) Indoor unit's LED indication

During malfunction Protection, digital pipe displays as follow:

No	Displaying contents	Malfunction or protection
1	E2	Indoor temperature sensor error
2	E3	Evaporator temperature sensor error
3	E4	Condenser temperature sensor error
4	E5	Water pump temperature sensor error
5	E6	Outdoor unit error
6	E7	EPROM error
7	E8	Full Water error

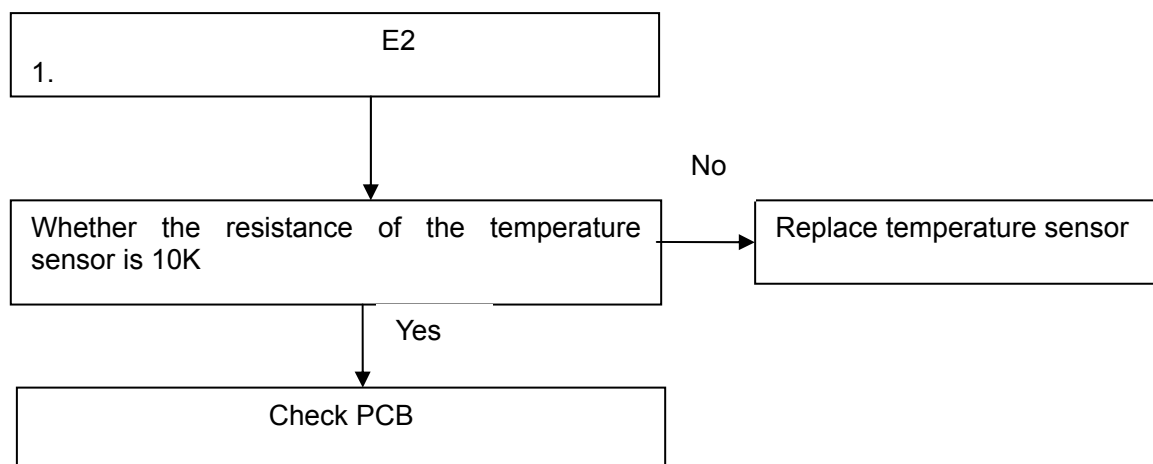
(2) LEDs' for the indication of outdoor trouble (3 phase type)

Type	Contents	LED1	LED2	LED3
Trouble	Phase sequence	Flash	Off	Off
Trouble	Lack of phase(A,B)	Flash	Off	Off
Trouble	Lack of phase(C)	Off	Off	Off
Trouble	Protection of Low pressure	Flash	Flash	Off
Trouble	Overload of current	Off	Off	Flash
Trouble	Communication malfunction	Flash	Off	Flash
Trouble	Open-circuit and short-circuit trouble of T3	Off	Flash	Flash
Trouble	Open-circuit and short-circuit trouble of T4(High discharge temperature protection)	Off	Flash	Off
Trouble	High temperature protection of condenser	Flash	Flash	Flash

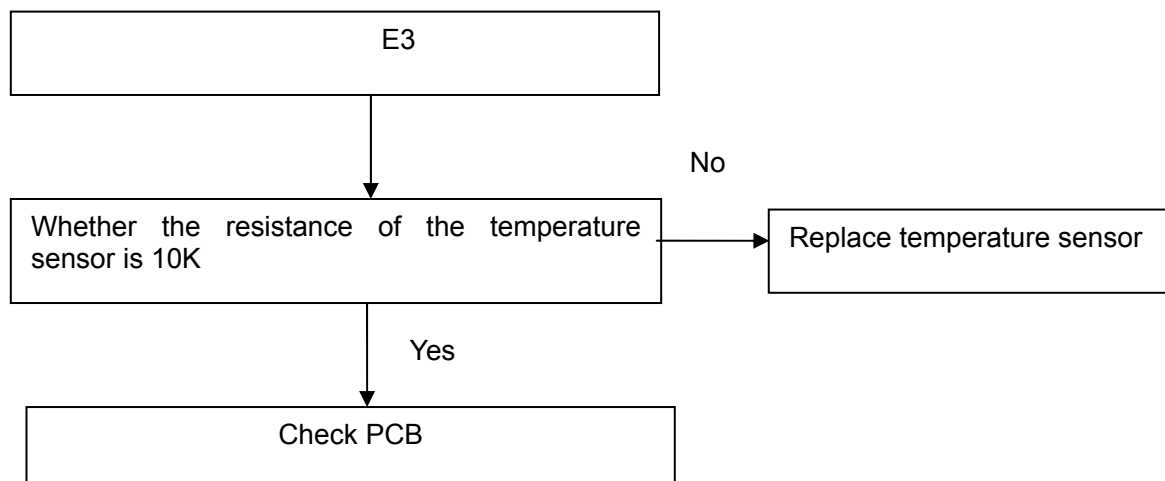
2. Solving steps for typical malfunction

(1) Check the indoor unit

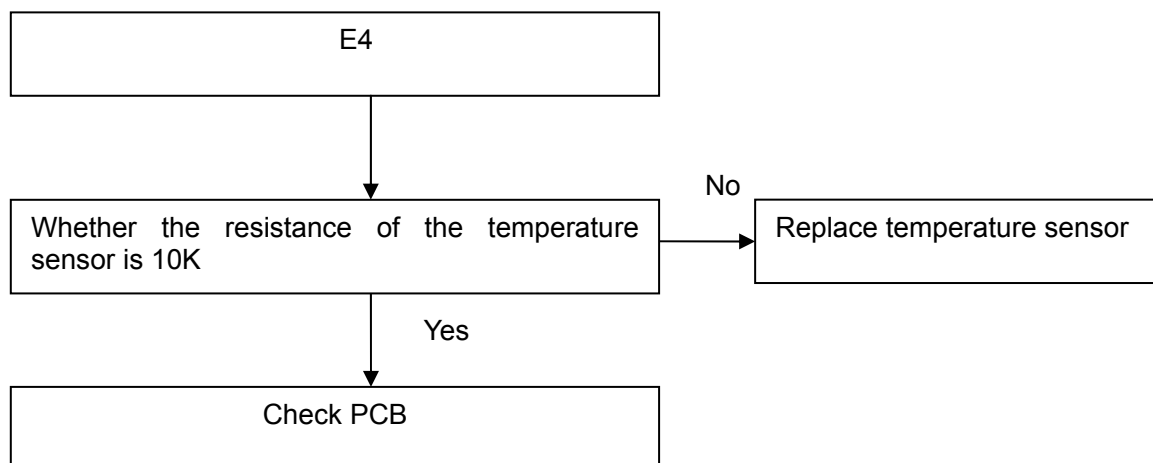
E2:Indoor temperature sensor error

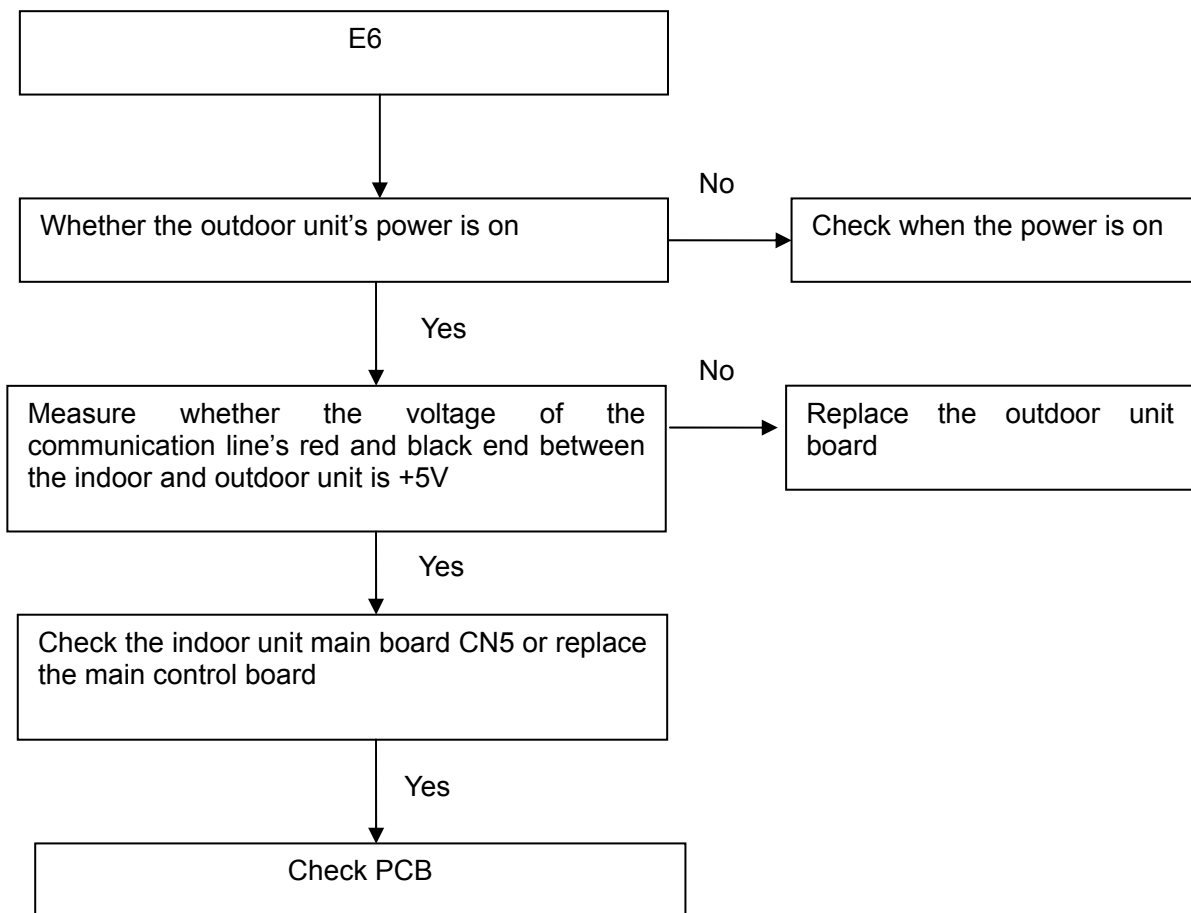
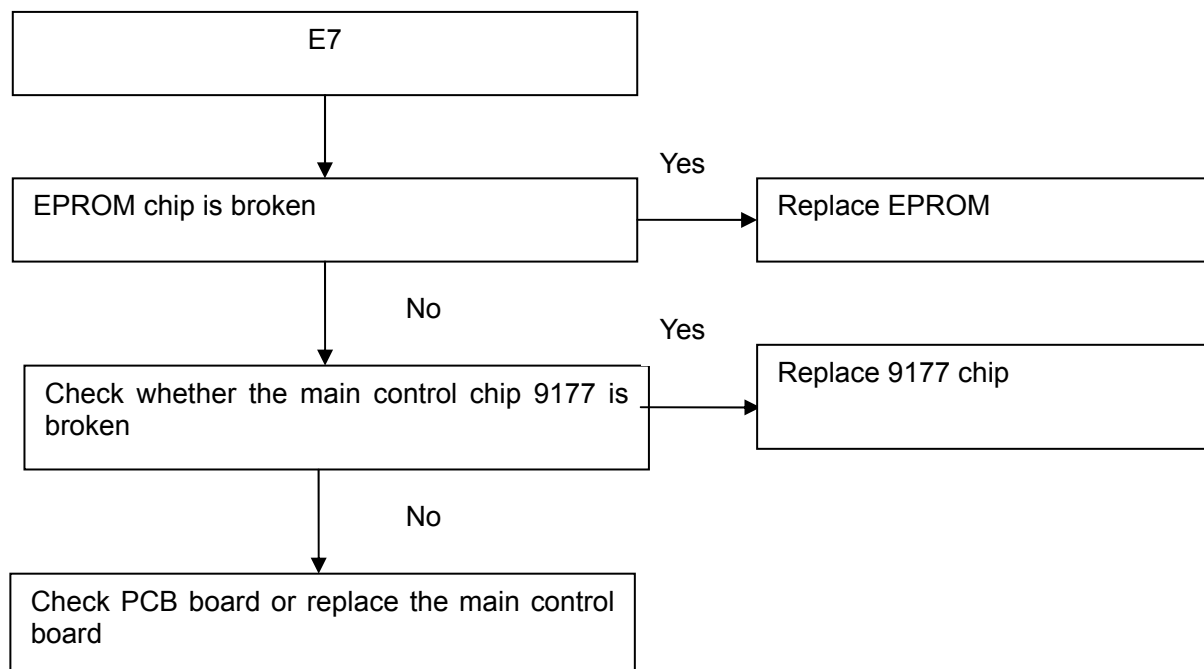


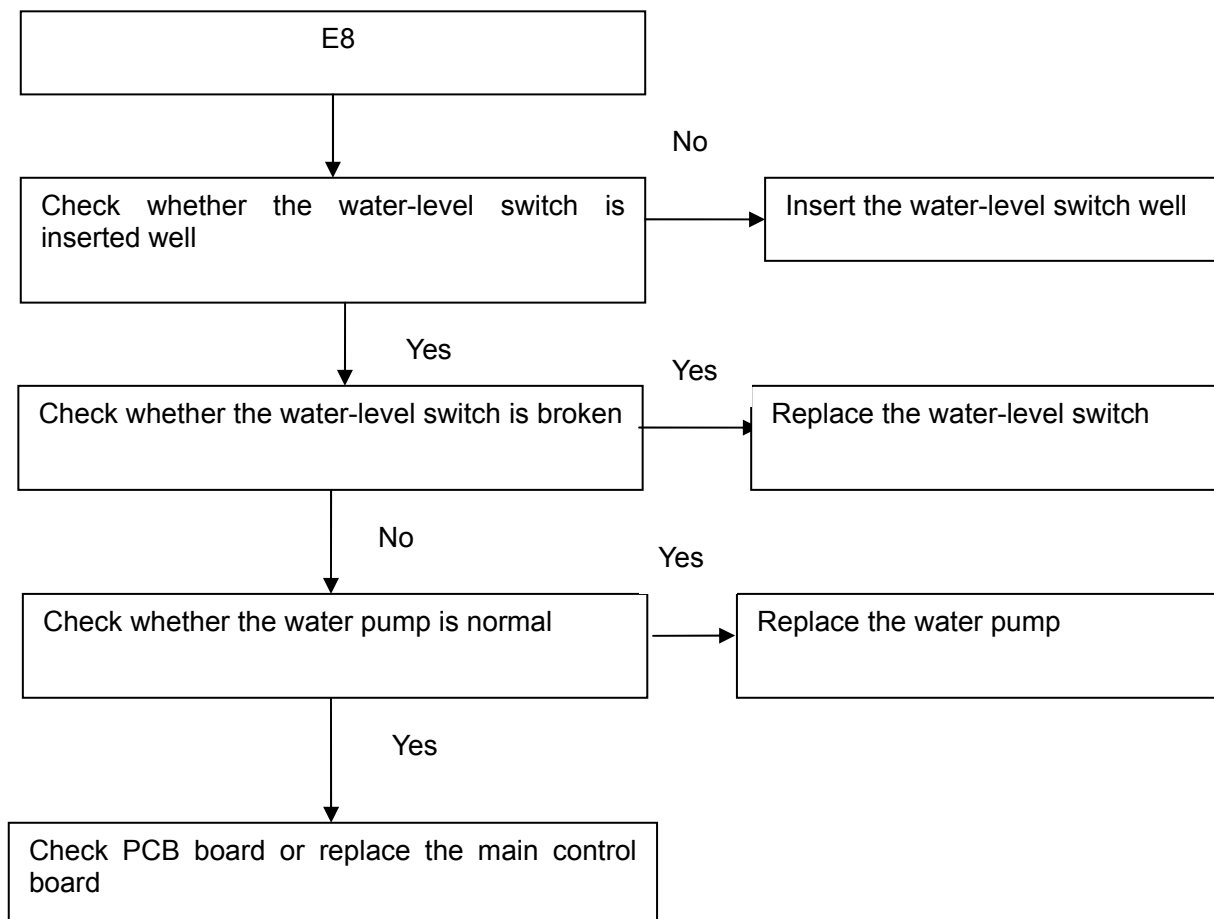
E3:Evaporator temperature sensor error



E4:Condenser temperature sensor error

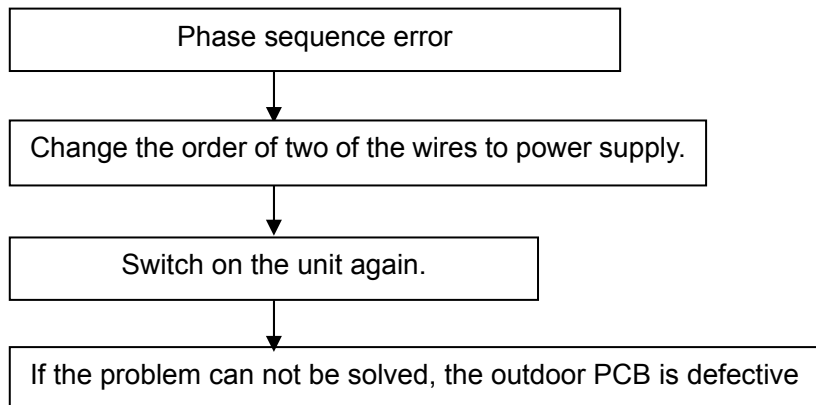


E6:Outdoor unit error**E7:EPROM error**

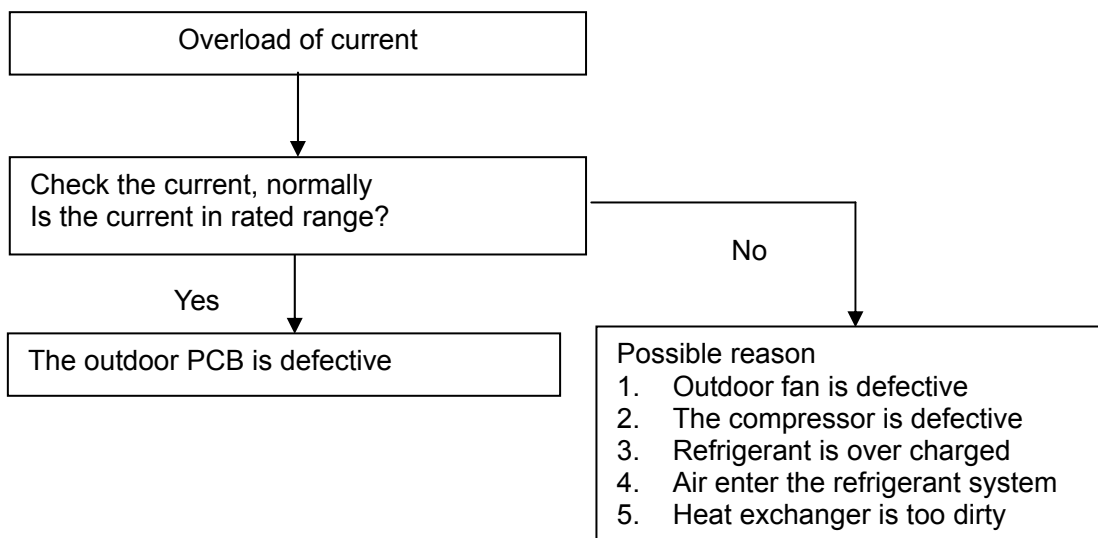
E8:Full Water error

(2) Check the outdoor unit

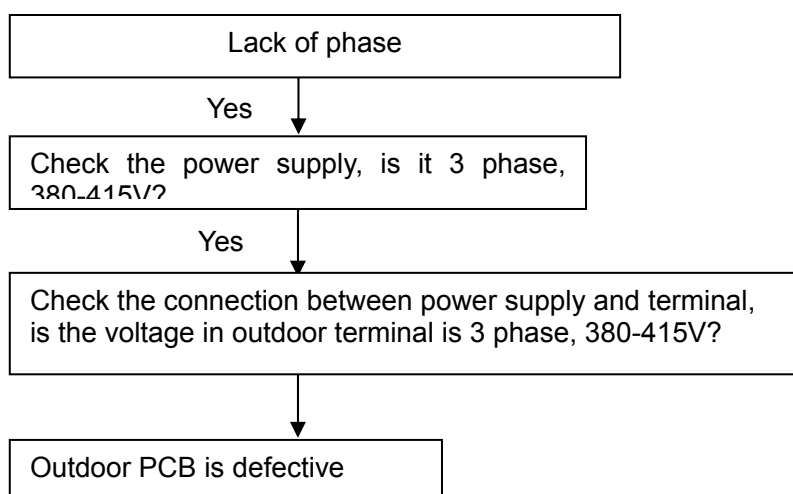
a. Phase sequence error:

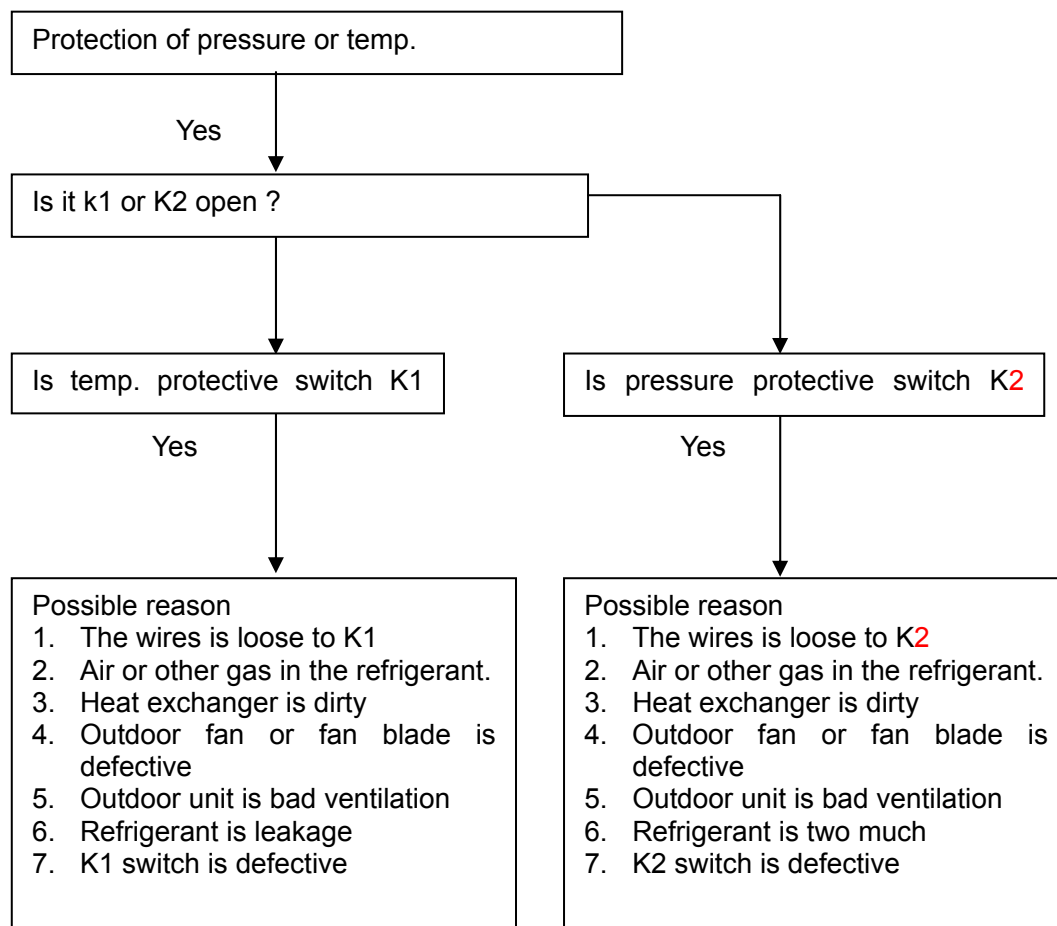
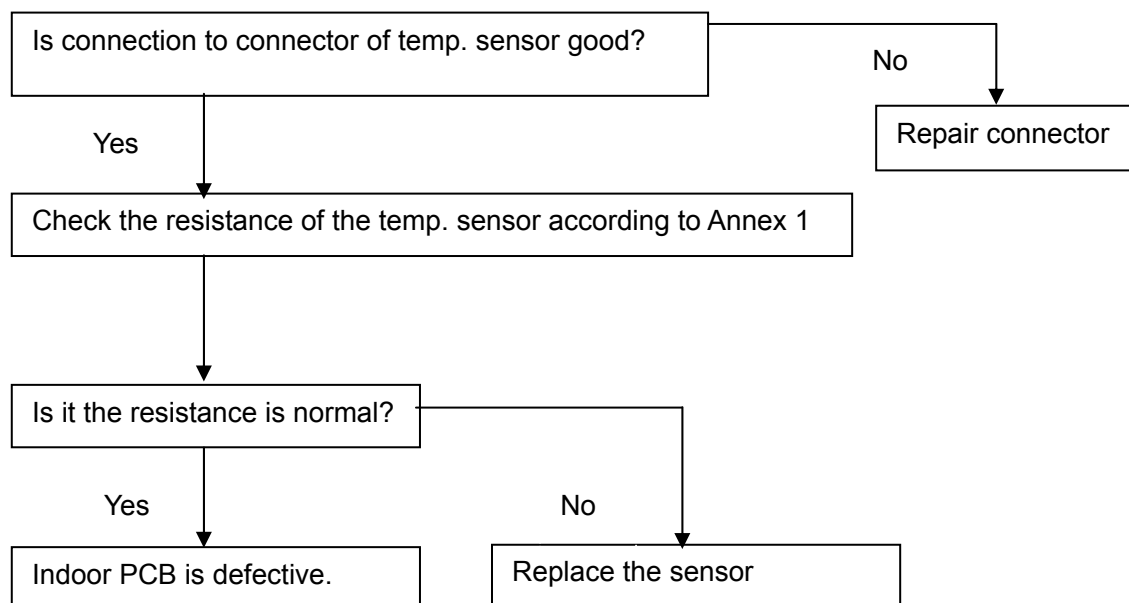


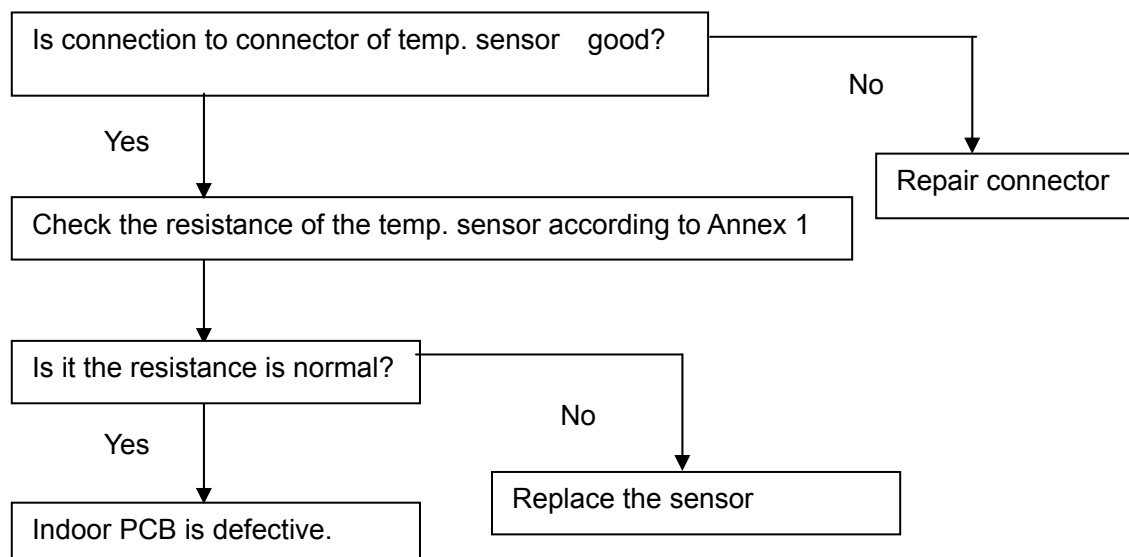
b. Overload of current



c. Lack of phase



d. Protection of pressure or temp.**e. Open-circuit and short-circuit trouble of T3**

f. Open-circuit and short-circuit trouble of T4**g. High temperature protection of condenser**