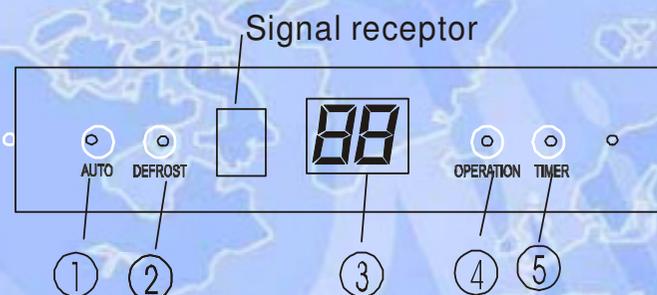


Troubleshooting

1. Display board



① **AUTO indicator**

This indicator illuminates when the air conditioner is in AUTO operation.

② **DEFROST indicator (For Cooling & Heating models only)**

This indicator illuminates when the air conditioner starts defrosting automatically or when the warm air control feature is activated in heating operation.

③ **TEMPERATURE indicator**

Displays the temperature settings when the air conditioner is operational.

④ **OPERATION indicator**

This indicator flashes after power is on and illuminates when the unit is in operation.

⑤ **TIMER indicator**

This indicator illuminates when TIMER is set ON/OFF.

Troubleshooting

2. Troubleshooting

For cooling mode:

| Failure phenomenon | Operation lamp | Timer lamp |
|-------------------------------------------------------------------------|----------------|------------|
| Indoor fan speed has been out of control for over 1 minute | ☆ | X |
| Indoor room temp. or evaporator sensor is open circuit or short circuit | ☆ | On |
| Over current protection of the compressor occurs 4 times | X | ☆ |
| EEROM error | On | ☆ |
| No over-zero signal | ☆ | ☆ |

✕ Extinguish

☆ Flash at 5Hz

Troubleshooting

2. Troubleshooting

For heat pump mode:

| Failure phenomenon | Operation lamp | Timer lamp | Defrosting lamp |
|--------------------------------------------------------------------|----------------|------------|-----------------|
| Over current protection of the compressor occurs 4 times | ☆ | X | ☆ |
| Indoor fan speed has been out of control for over 1 minute | X | ☆ | ☆ |
| No over-zero signal | ☆ | ☆ | ☆ |
| Temp. sensor on indoor evaporator is open circuit or short circuit | X | X | ☆ |
| Indoor room temp. sensor is open circuit or short circuit | X | ☆ | X |
| EEROM error | On | ☆ | X |

✕ Extinguish

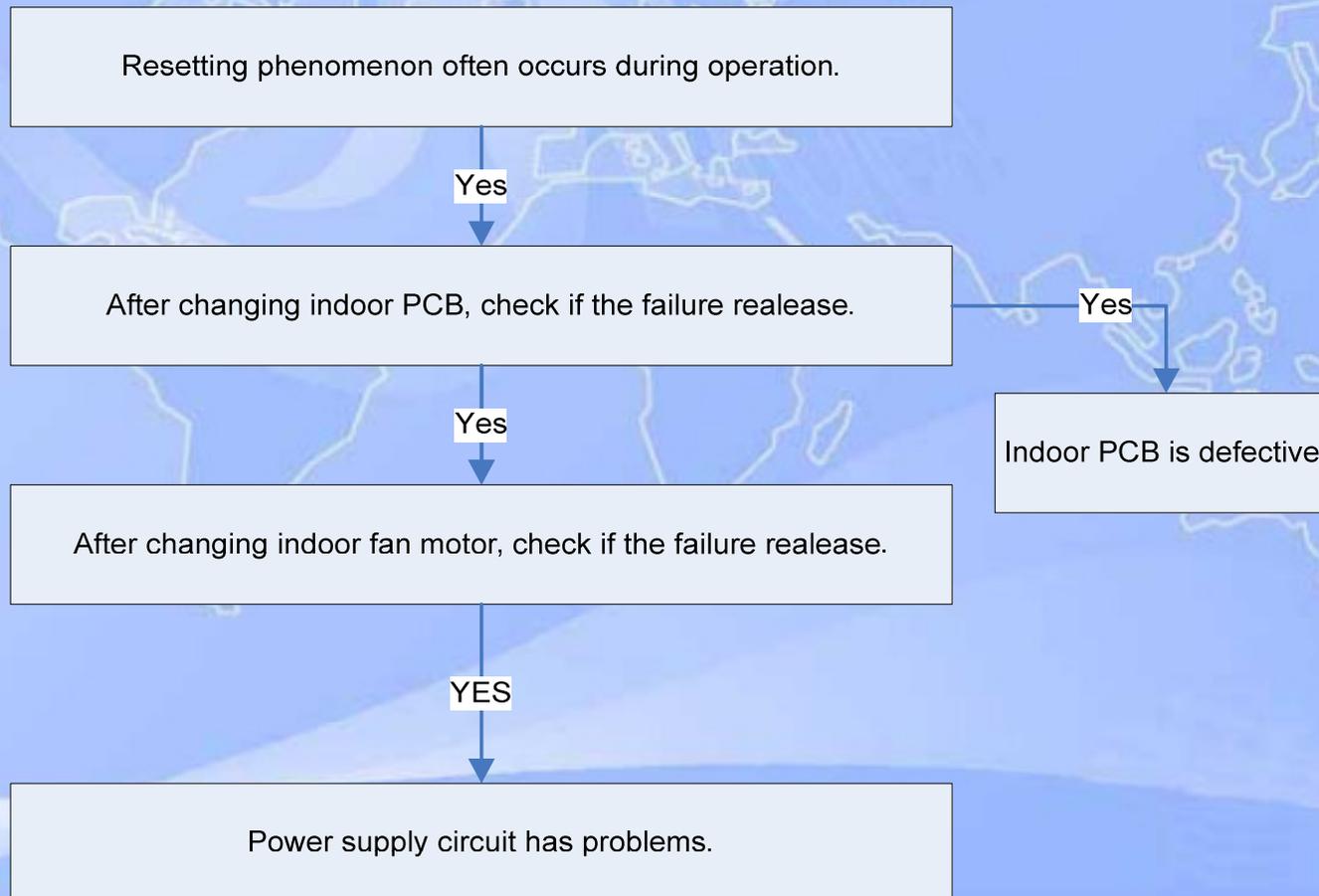
☆ Flash at 5Hz

Troubleshooting

4. Resetting phenomenon often occurs during operation
(That is automatically entering to the status when power is on.)

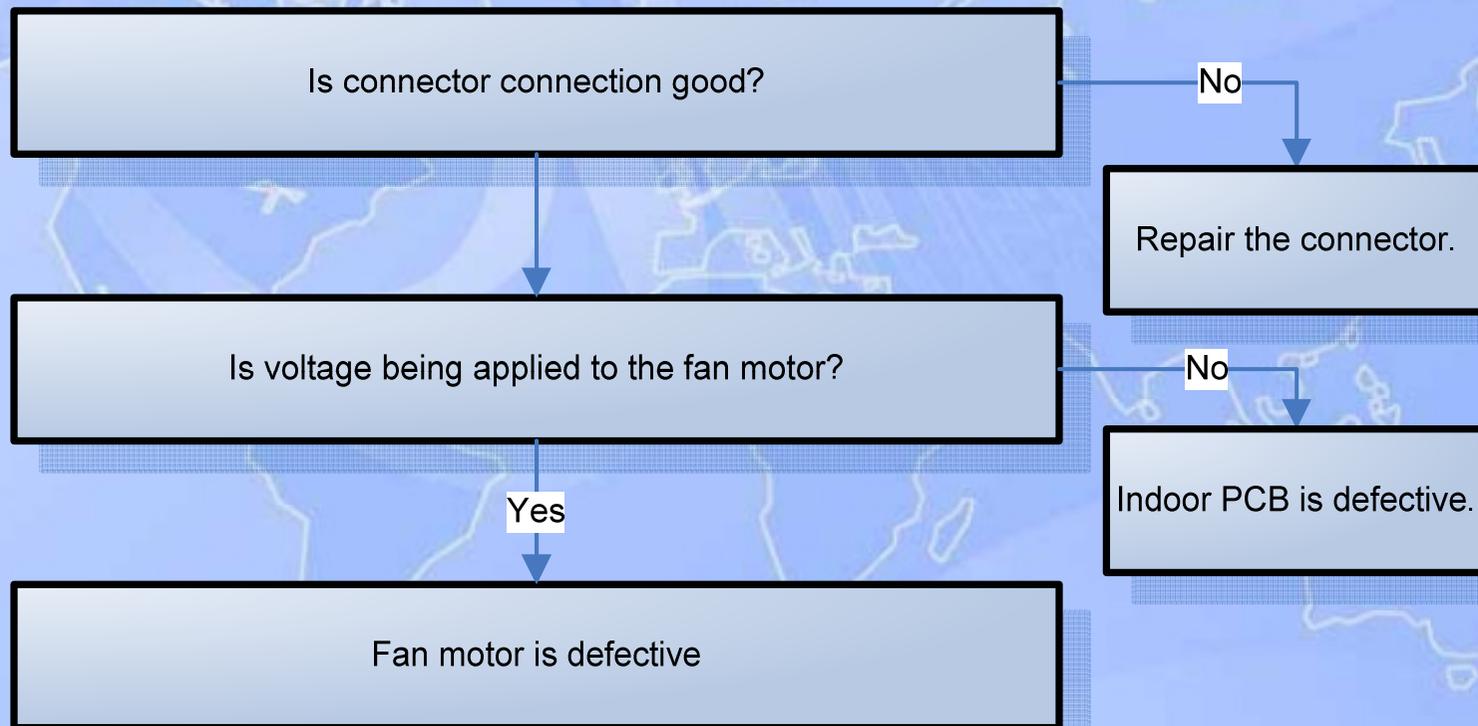
The reason is that the instantaneous voltage of main chip is less than 4.5V.

Check according to the following procedure:



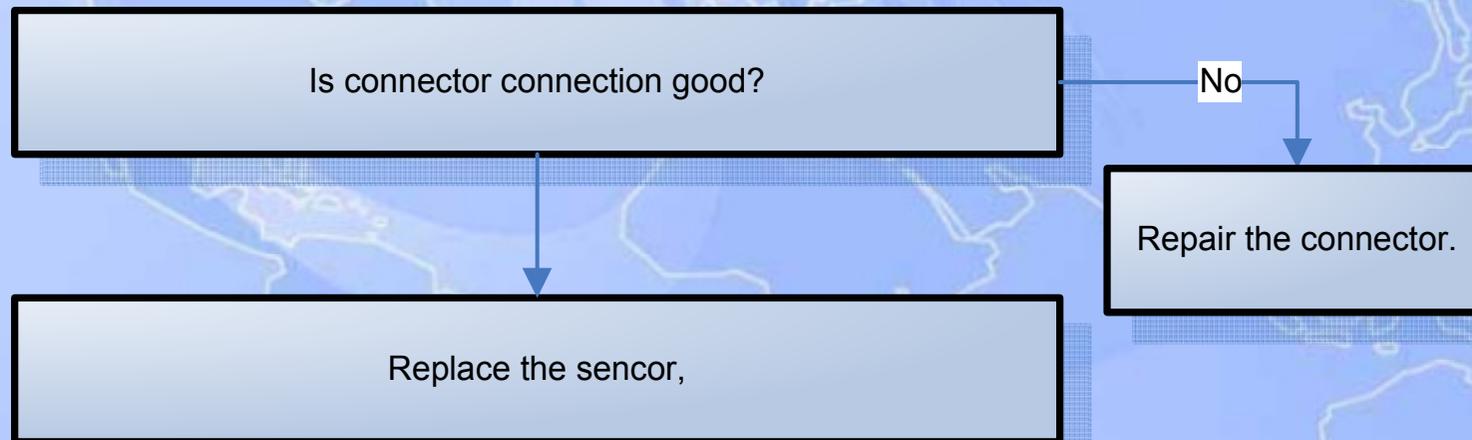
Troubleshooting

5. Operation lamp flashes and Timer lamp off



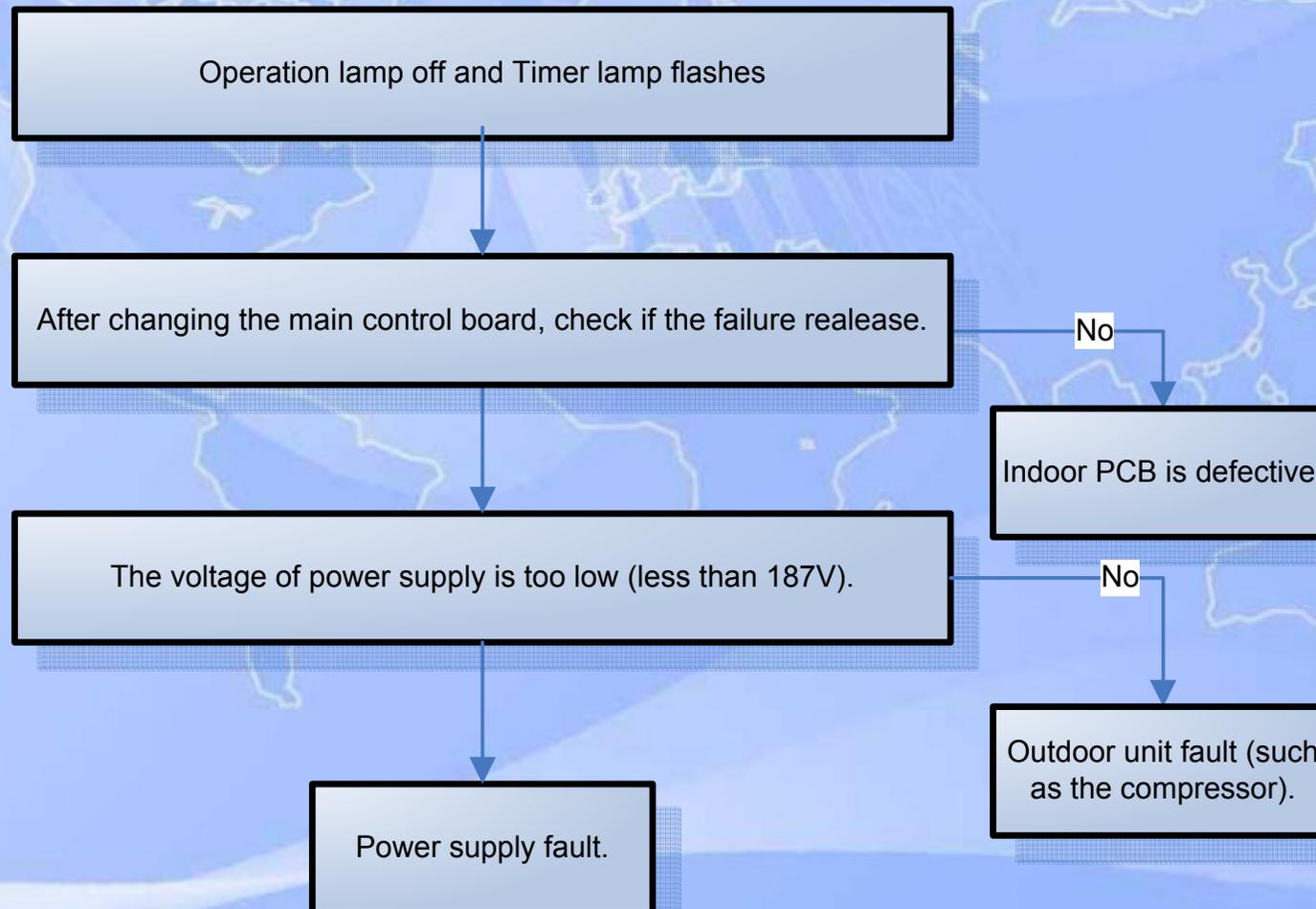
Troubleshooting

6. Operation lamp flashes and Timer lamp on



Troubleshooting

7. Operation lamp off and Timer lamp flashes



Troubleshooting

8. Operation lamp on and Timer lamp flashes

EEROM error, indoor PCB is defective.

9. Operation lamp flashes, Timer lamp flashes.

This is alarm signal when the main chip can't detect over-zero signal. When such failure occurs, the main control board must have fault.

Troubleshooting

10. Indoor display board check:

If the indoor unit do not receive the remote controller signal , the indoor PCB or display board is defective in case of the remote controller is ok.

Using the manual switch , if the unit can be operated , the display board is defective.