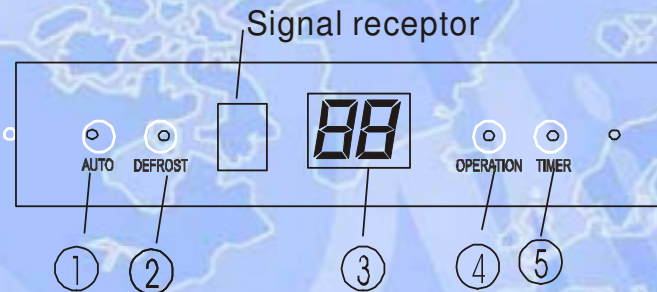


# Troubleshooting

## 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

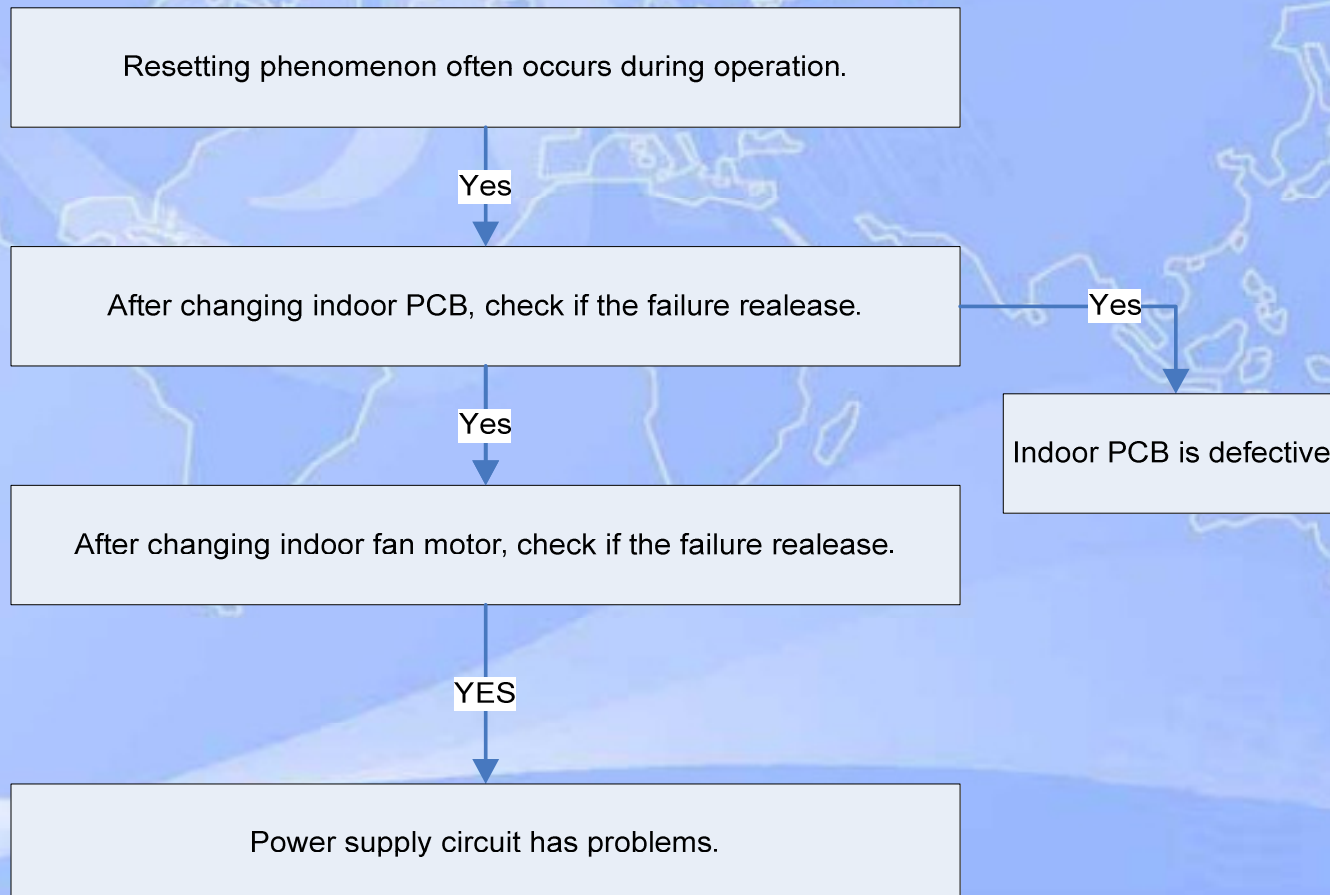
☆ Flash at 5Hz

# Troubleshooting

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

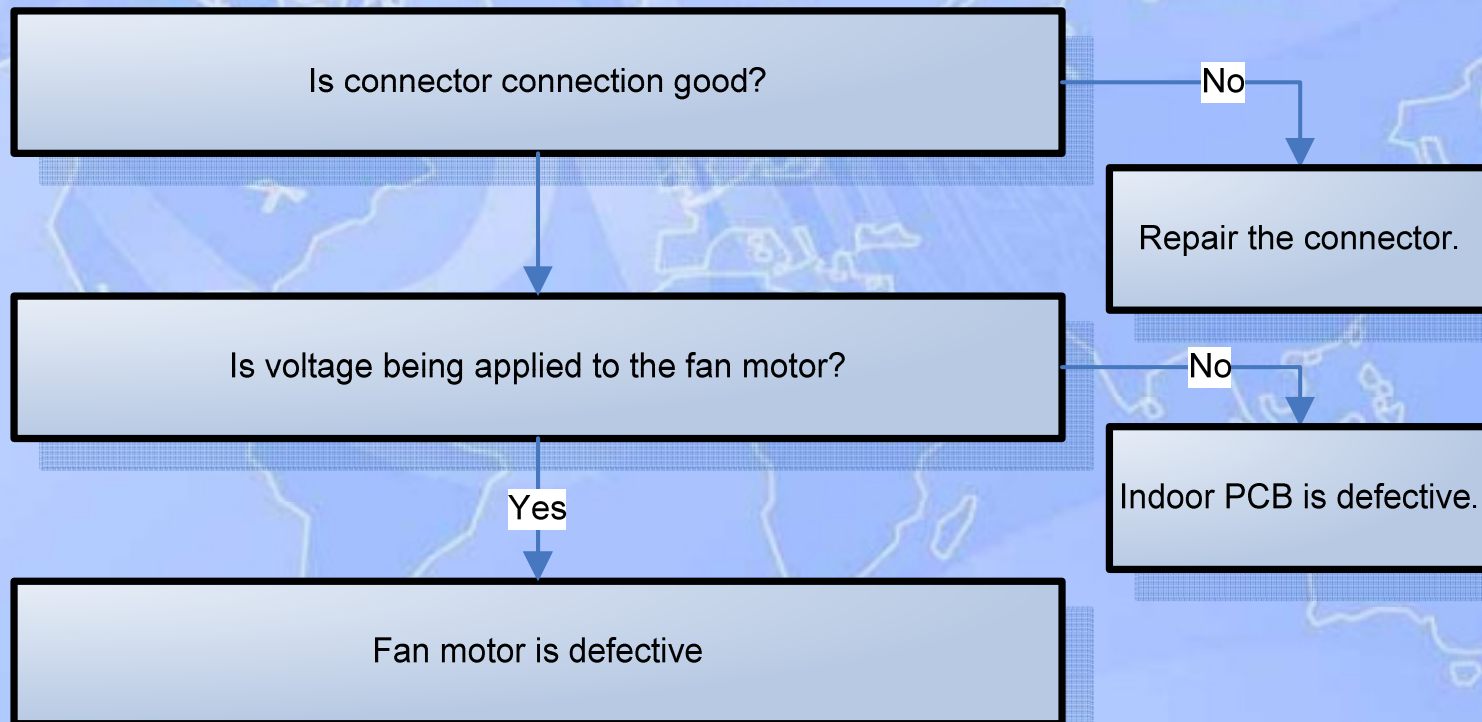
The reason is that the instantaneous voltage of main chip is less than 4.5V.

Check according to the following procedure:



# Troubleshooting

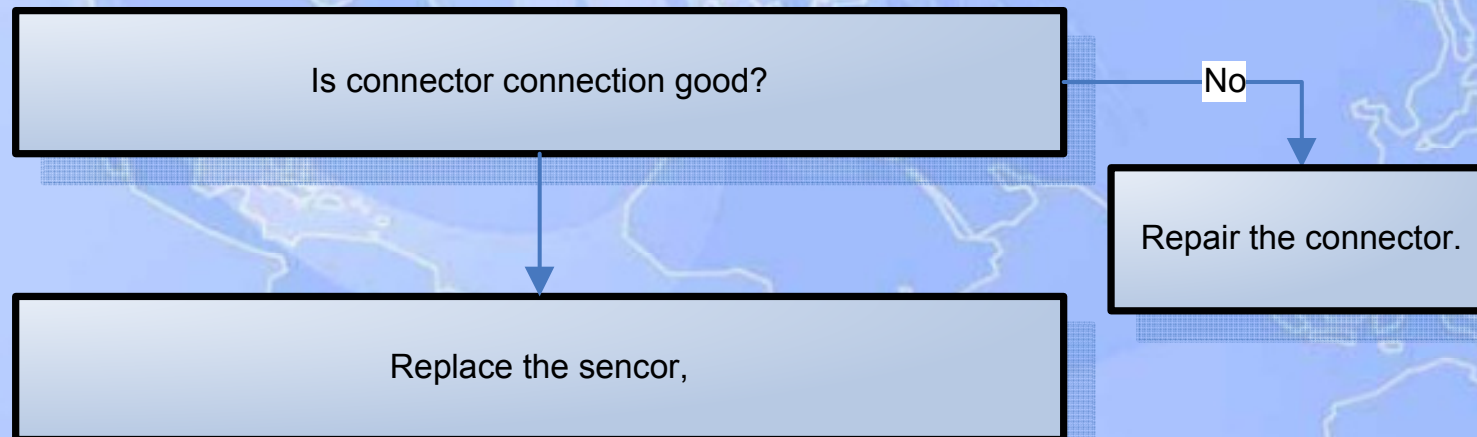
## 5. Operation lamp flashes and Timer lamp off





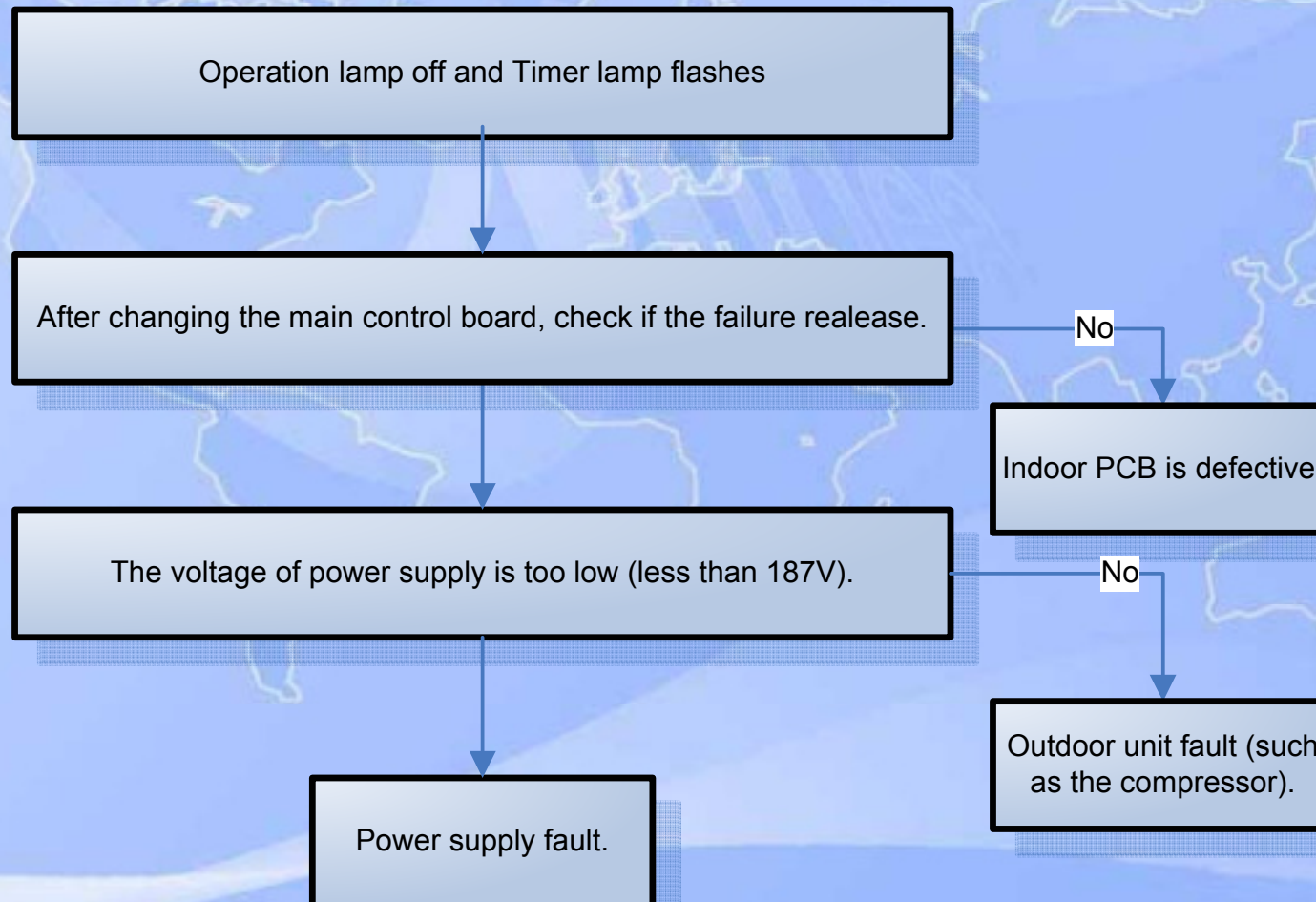
# Troubleshooting

## 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.