



Freedom **SERIES**

Service Manual



CONTENT

TROUBLESHOOTING

1. Self – Diagnosis
2. Solving steps for typical malfunction

※ The specifications, designs, and information in this book are subject to change without notice for product improvement.

Troubleshooting

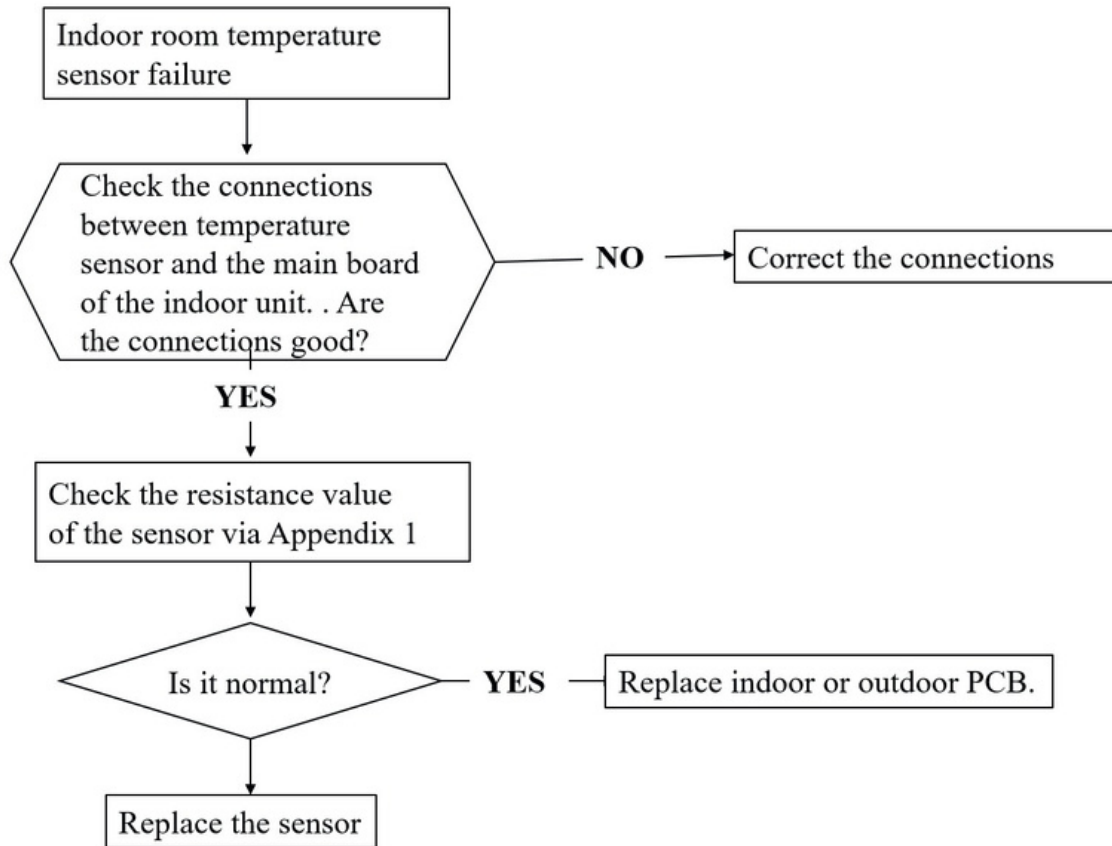
1. Self-diagnosis

Display	The definition of failure or protection.
E1	Indoor temperature sensor failure
E2	Evaporator temperature sensor failure
E4	Power supply faults
E4	Compressor discharge temperature protection
E4	Condenser temperature sensor failure
E4	Compressor discharge temperature sensor failure
E4	High pressure protection
E4	Low pressure protection
Ed	EEPROM malfunction of indoor main control board
d3	Full-loading water alarm
C5 (Wire controller display)	Bad communication between indoor PCB & wire controller

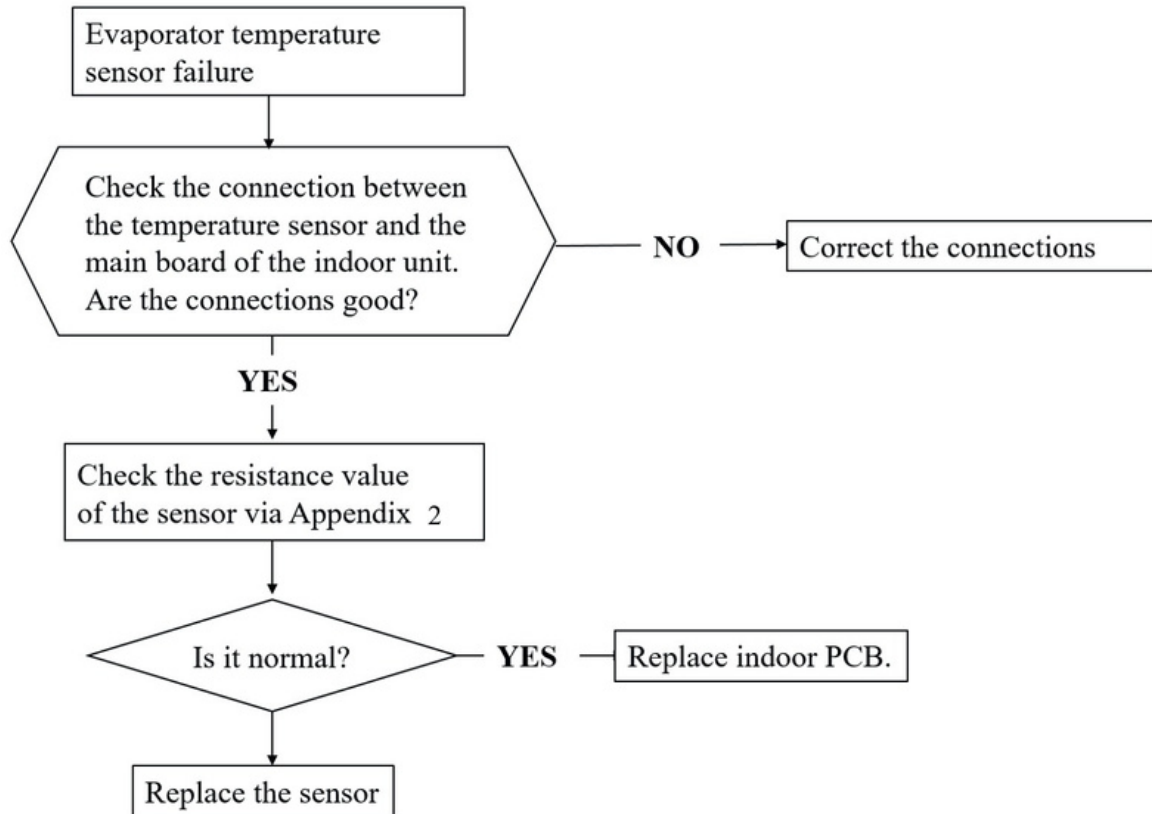
2. Solving steps for typical malfunction

E0.

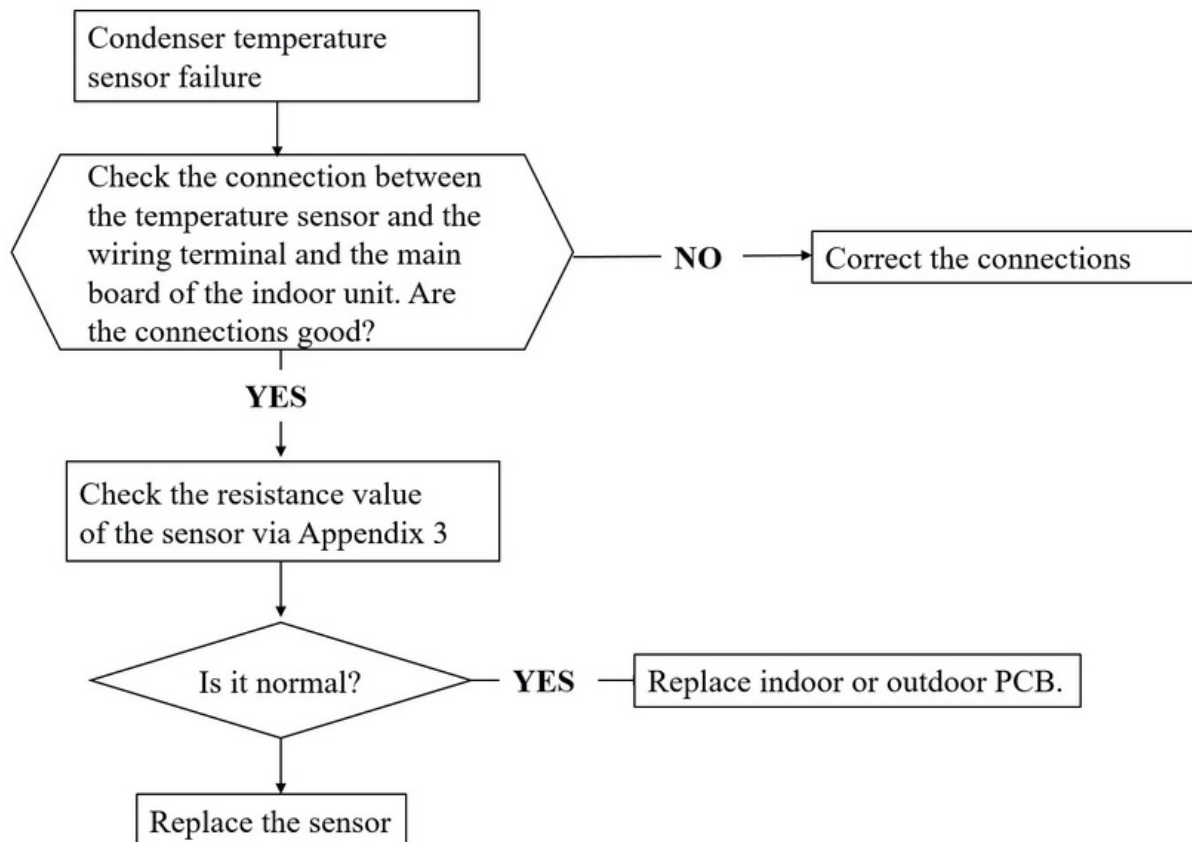
E1. Indoor room temperature sensor is abnormal



E2. Evaporator temperature sensor is abnormal

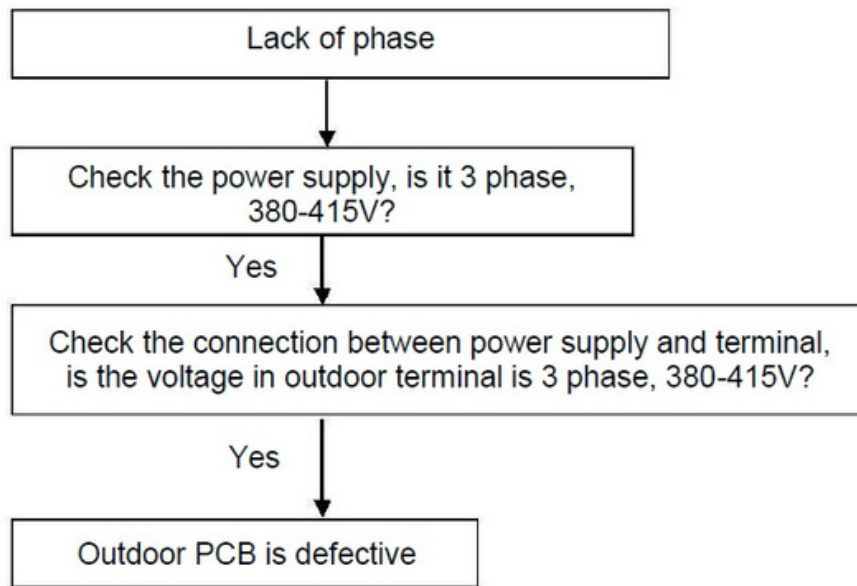


E3. Condenser temperature sensor is abnormal

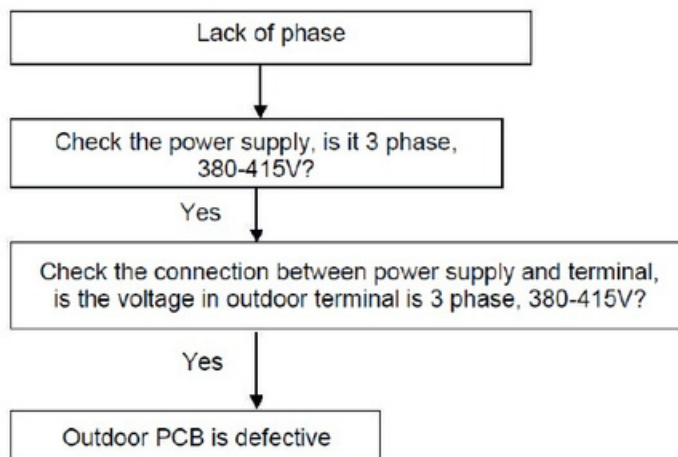


E4. Power supply faults

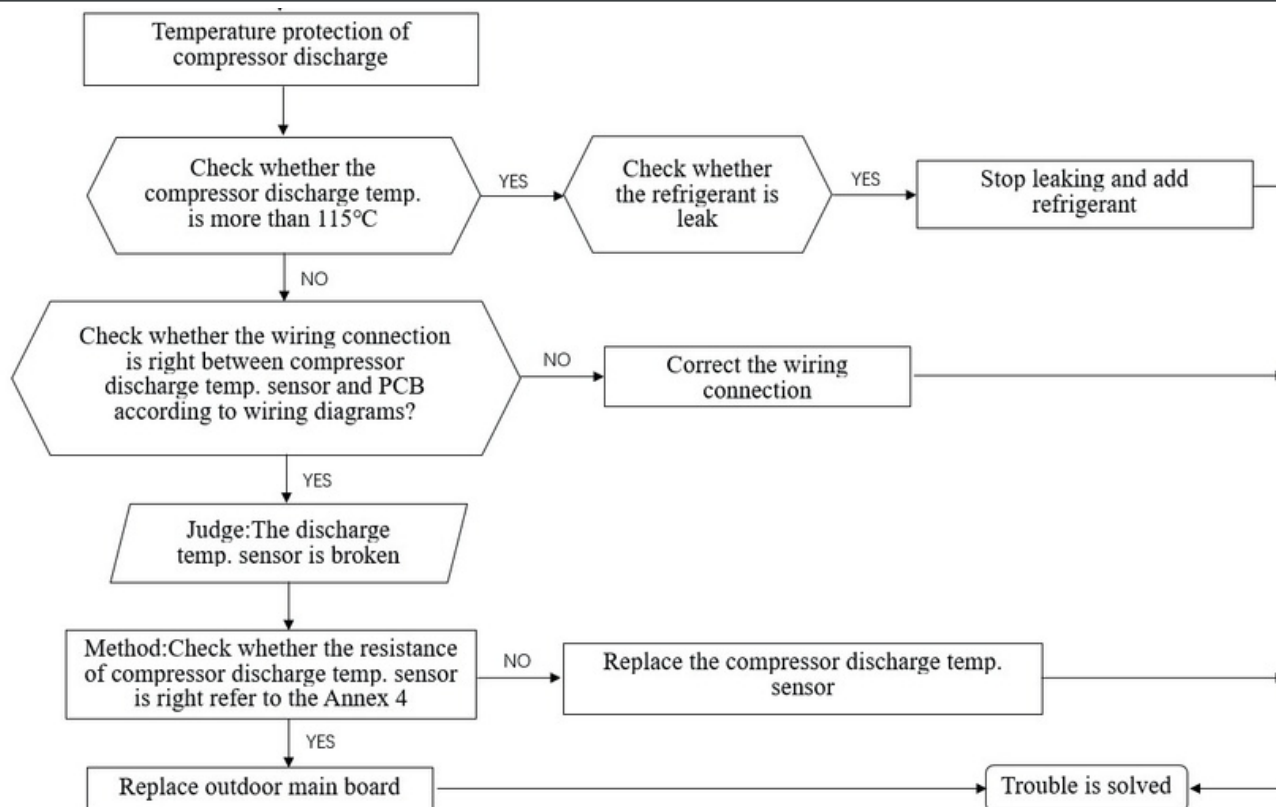
Phase sequence error:



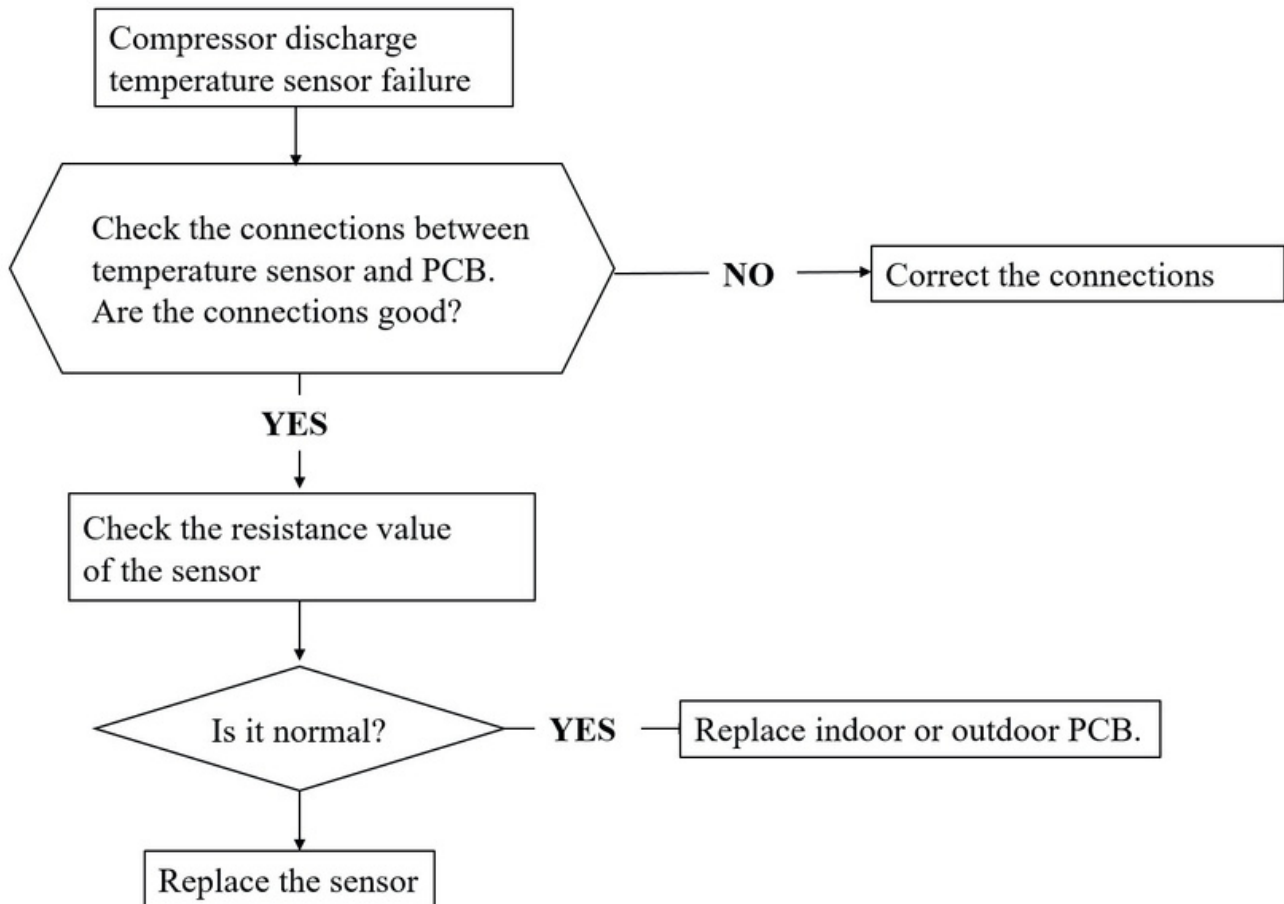
Lack of phase:



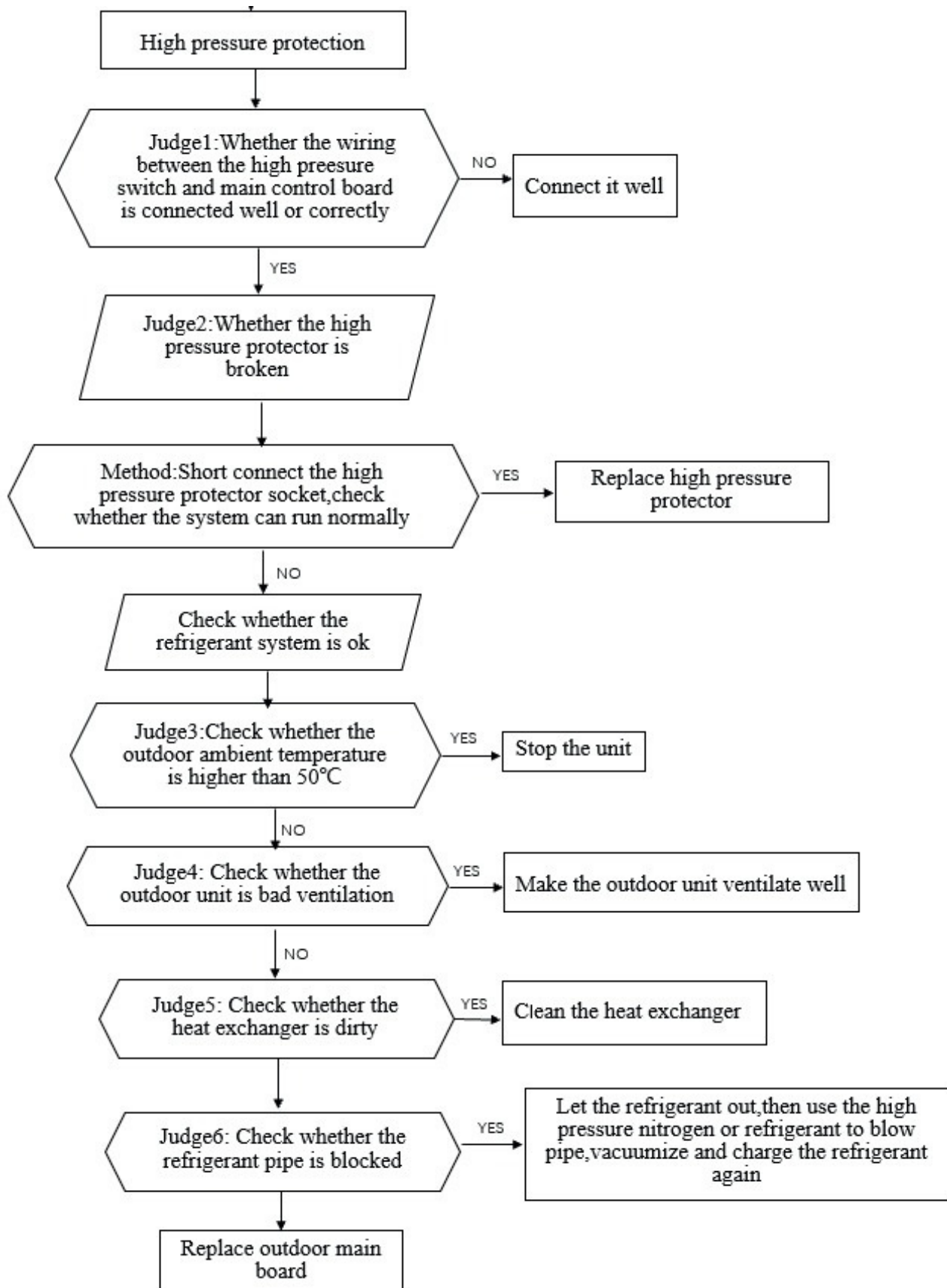
E4. Compressor discharge temperature protection



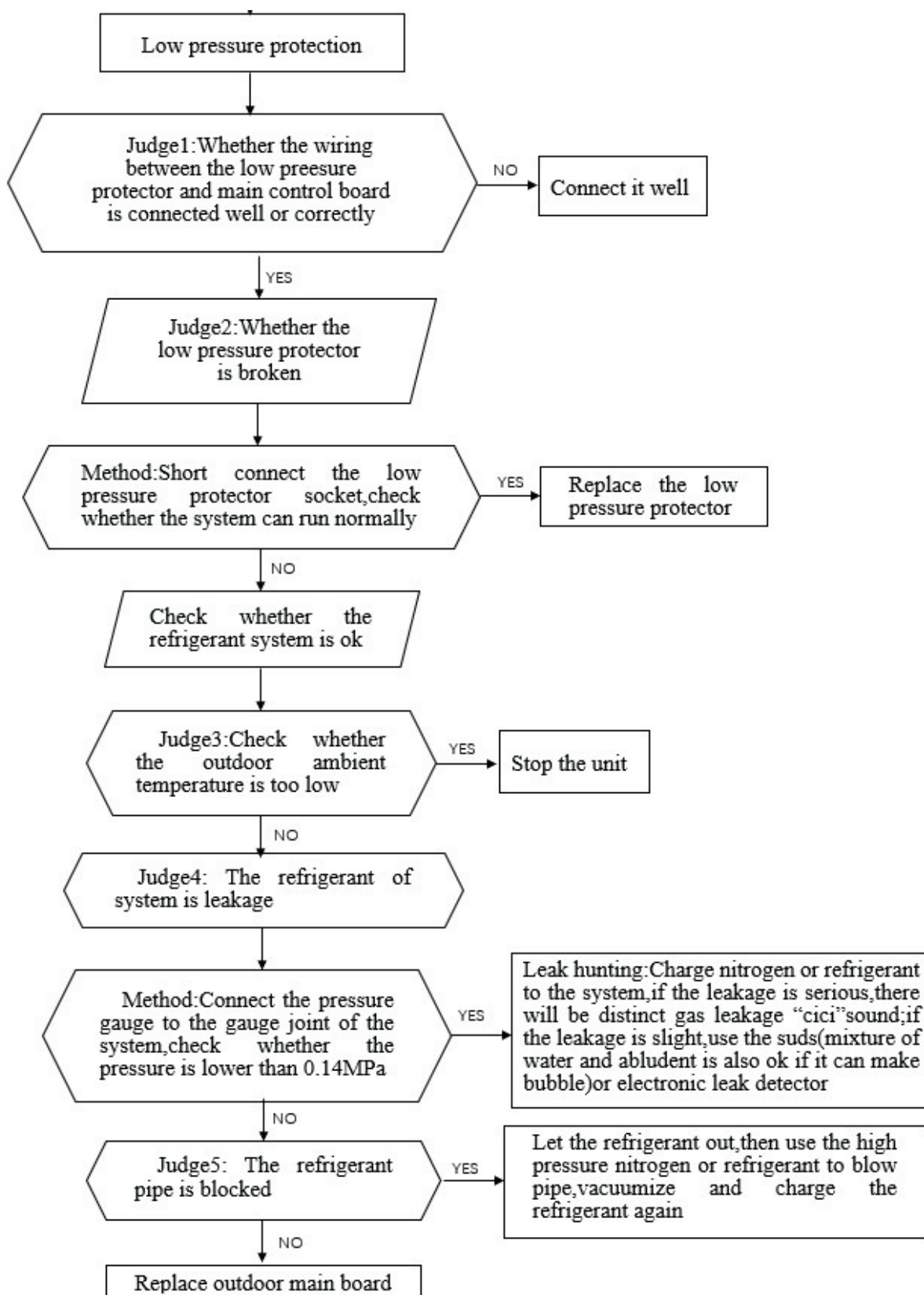
E4.Compressor discharge temperature sensor failure



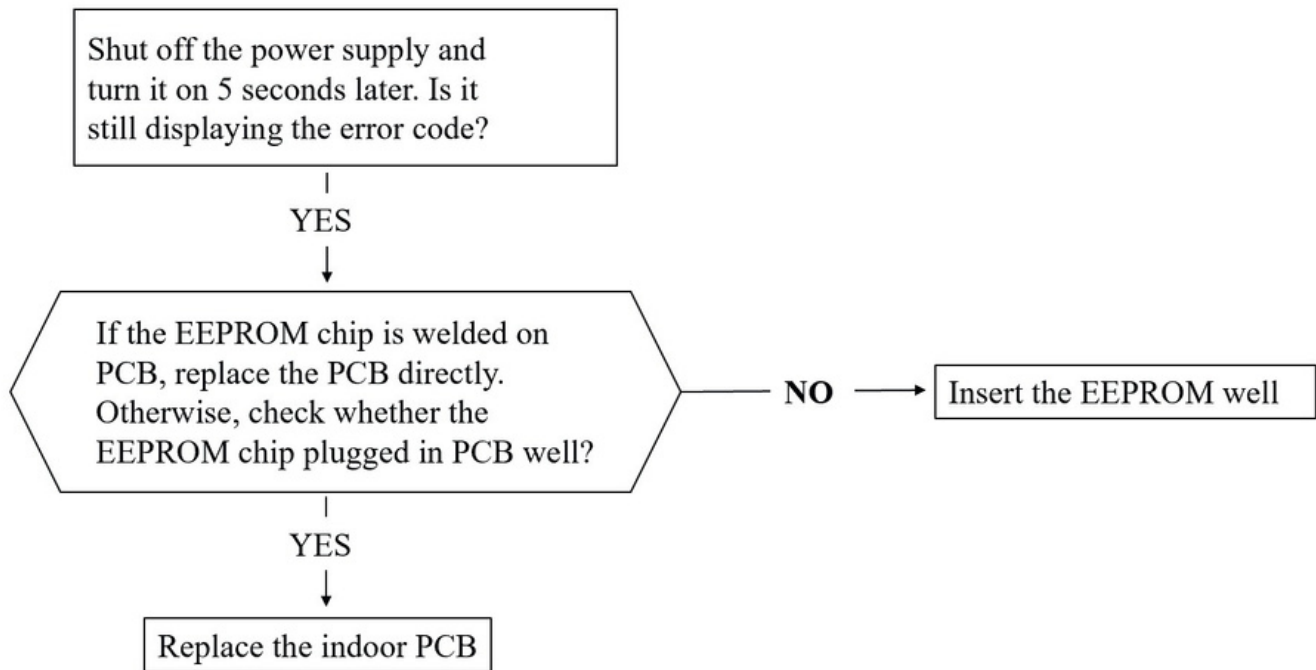
E4.High pressure protection



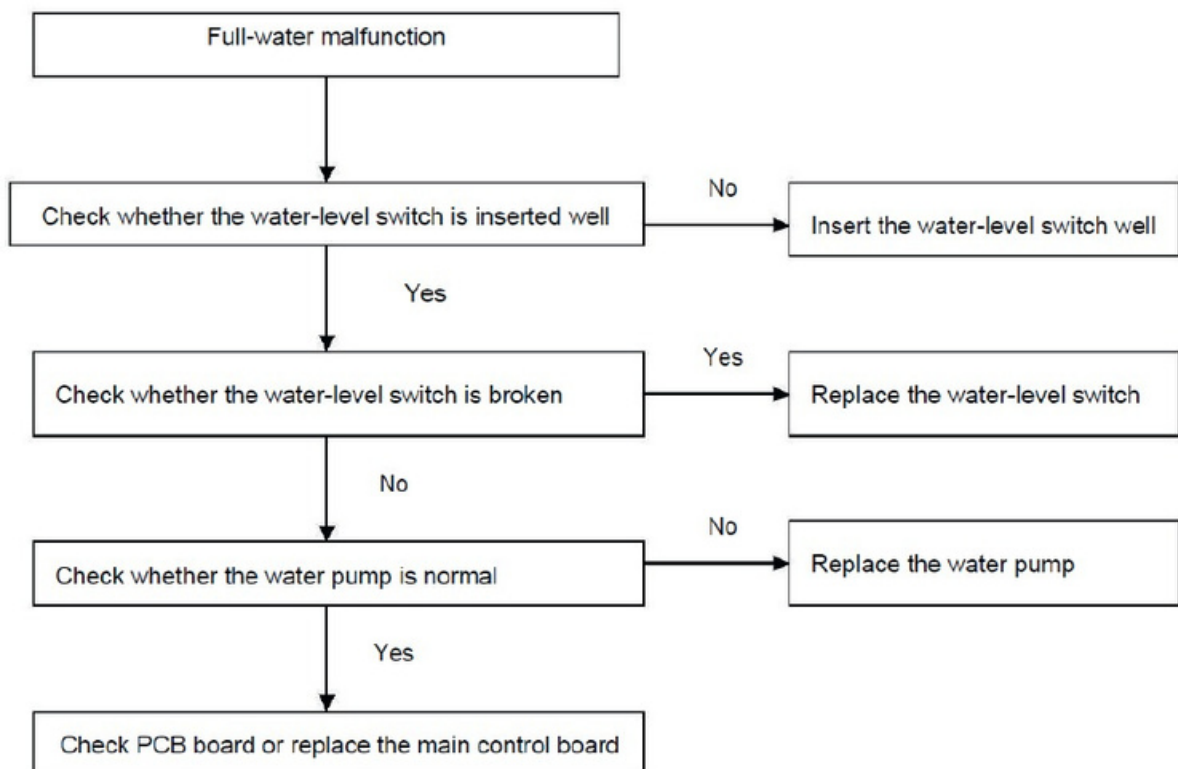
E4: Low pressure protection



Ed:EEPROM malfunction of indoor main control board



EL/d3: Full-loading water alarm



C5: Bad communication between indoor PCB & wire controller
《Wire controller display》

