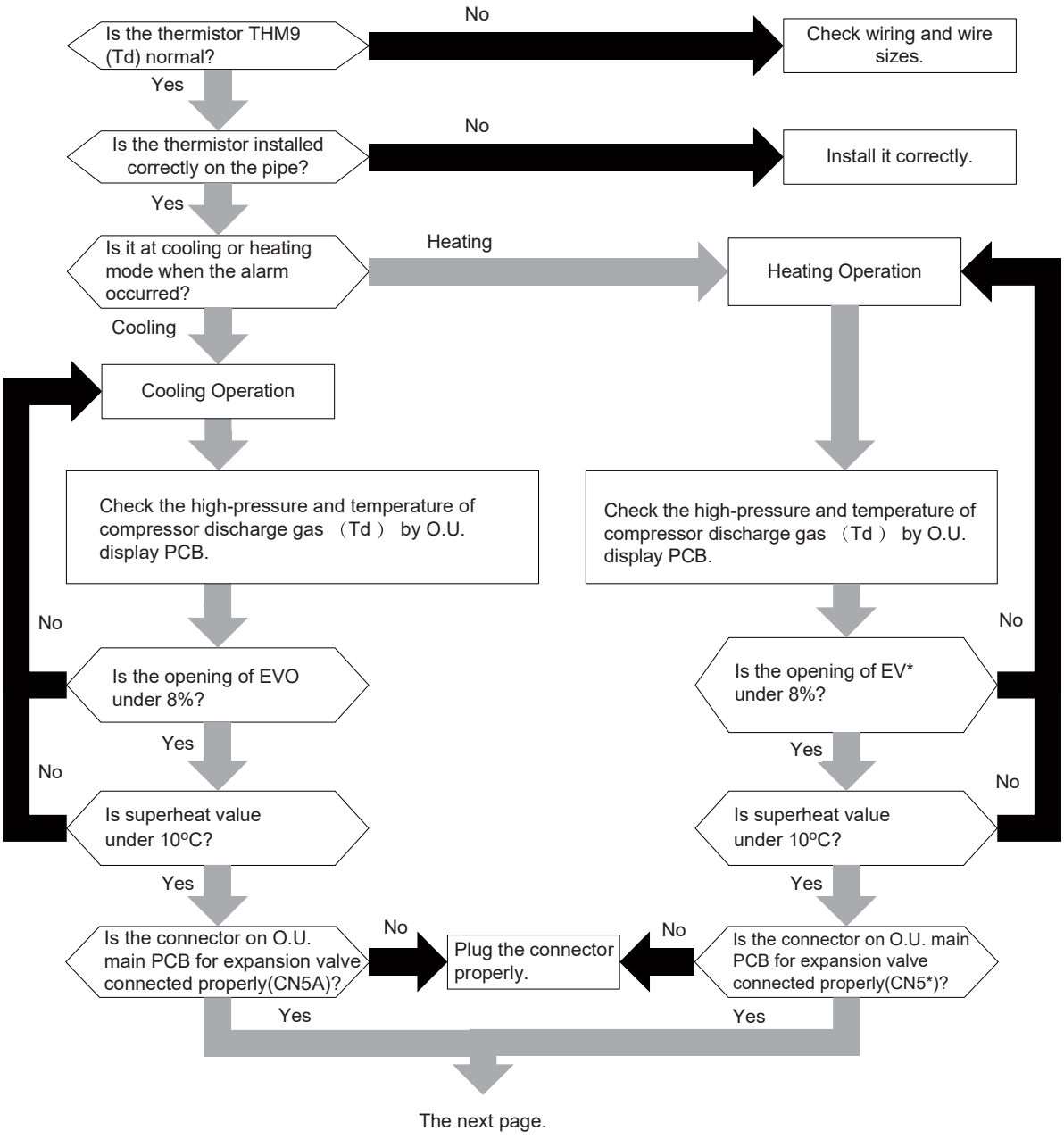
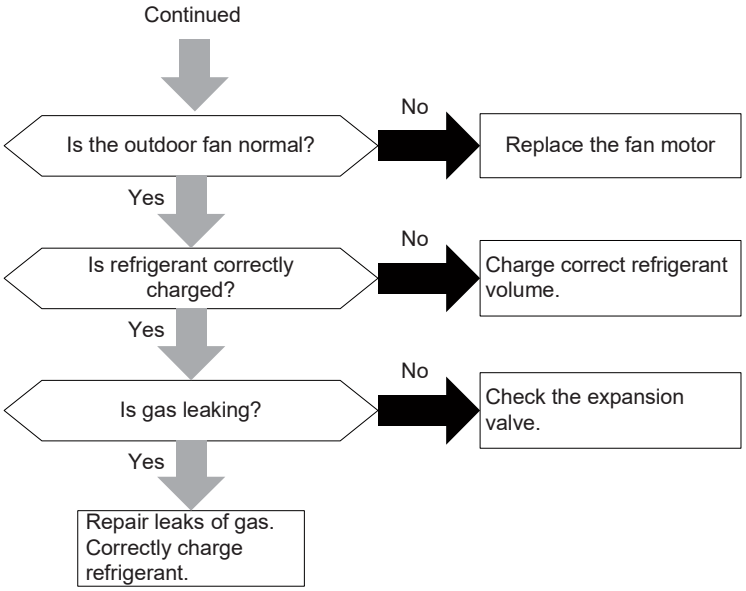
Alarm Code 5C	Low Temperature of Discharge Gas Superheat

- Alarm code is displayed on the master controller/ the 7-segment of O.U. display PCB / the 7-segment of I.U. PCB1.

★ If the temperature of compressor discharge gas (Td) is below the estimated condensing temperature for 30 minutes during operation, the compressor stops and then the operation is automatically retried after three minutes. If this occurs again twice in the next 120 minutes, this alarm code is displayed.

★ This alarm code is displayed when an abnormality cannot be detected by the step-out detection, caused by locking of compressor shaft.





Model	EV*	CN5*
050-100	EVO	CN5A

Phenomenon	Cause		Check Item	Action(Turn OFF Main Switch)
Decrease of Discharge Gas Superheat	Ref. Cycle is Different from the Electrical System		Check ref. cycle and the electrical system.	Repair wiring.
	Overcharged Refrigerant		Check pressures.	Correctly charge Overcharged Refrigerant refrigerant.
	Faulty Expansion Valve		Check expansion valve.	Replace expansion valve if faulty.
	Faulty O.U. main PCB	Fault	Check operation.	Replace electrical box if faulty.
		Disconnected Wires for Expansion Valve	Check connections.	Repair wiring connections.
	Faulty Discharge Gas Thermistor	Fault	Check resistance of thermistor.	Replace thermistor if faulty.
		Incorrect Mounting	Check mounting state.	Correctly mount thermistor.
		Incorrect Connection	Check connections.	Remove looseness, replace connector or repair connections.