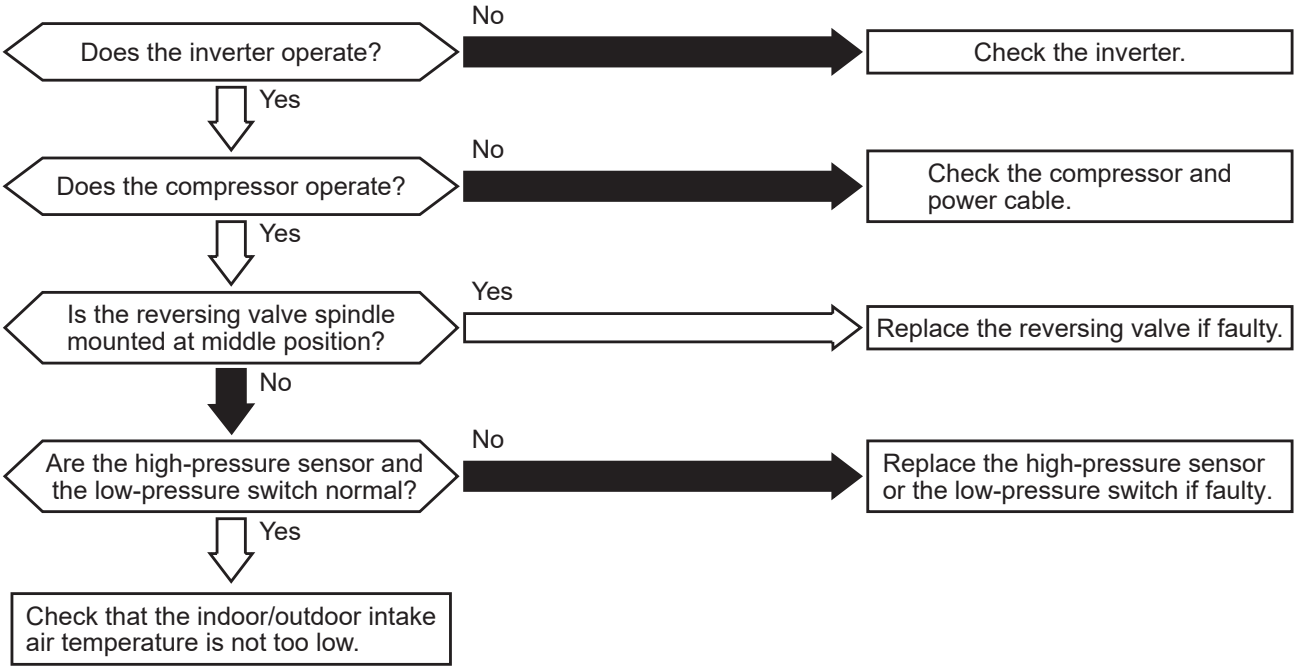
Alarm Code 43	Activation of Low Compression Ratio Protection Device

- 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 pressure ratio ε*1) is less than 1.0 for 1 minute or less than 1.5 for 5 minute, the compressor stops. The operation automatically restarts after three minutes. If this occurs again twice in the next 60 minutes, this alarm code is displayed.

*1) Pressure Ratio ε = (Pd[MPa] + 0.1)/(Ps[MPa] + 0.06))
Pd: high pressure (discharge pressure)
Ps: low pressure (suction pressure)

O.U. PCB: Outdoor Unit PCB



Phenomenon	Cause	Check Item	Action(Turn OFF Main Switch)
Excessively Low Compression Ratio	Inverter is not Functioning	Check inverter.	Repair faulty part.
	Compressor is not Operating	Check compressor.	Replace comp. if faulty.
	Valve Stoppage at Middle Position of Reversing Valve	Measure suction pipe temp. of reversing valve.	Replace reversing valve if faulty.
	Excessively Low Indoor Intake Air Temperature	Check indoor unit and outdoor unit air temp. thermistor.	Replace thermistor if faulty.