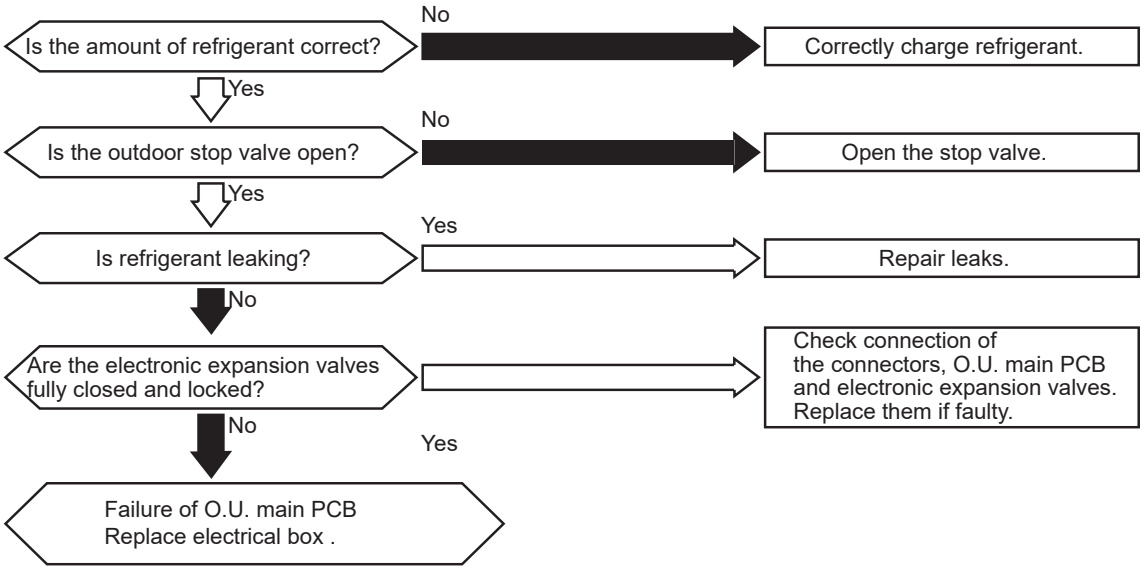
Alarm Code 47	Activation of Low Pressure Decrease Protection Switch (Vacuum Operation Protection)

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

★ This alarm code is indicated when a suction pressure (Ps) is lower than 0.09MPa and the same condition occurs twice or more within one hour.

★ This alarm code is indicated when low pressure switch(PSL) is activated and the same condition occurs three times or more within 80minutes.



Phenomenon	Cause		Check Item	Action(Turn OFF Main Switch)
Excessively Low Suction Pressure (in Vacuum)	Shortage of Ref.		Check charged ref. volume or check for leakage.	Repair leakage and correctly charge.
	Closed Stop Valve		Check stop valve.	Open stop valve.
	Incorrect Connection between Indoor Unit and Outdoor Unit		Check electrical system and ref. cycle.	Correctly connect between indoor unit and outdoor unit.
	Locked Expansion Valve with Fully Closed		Check connector for O.U. main PCB.	Repair connector for O.U. main PCB1 or expansion valve. Replace it if faulty.
	Closed Expansion Valve by Disconnecting Td Thermistor		Check Td thermistors for compressors and measure Td thermistor resistance.	Repair or replace Td thermistor.
Internal Thermostat for Outdoor Fan is Activated in Heating Operation	Faulty Outdoor Fan Motor		Measure coil resistance and insulation resistance	Replace outdoor fan motor if faulty.
	Faulty Internal Thermostat	Fault	Check for conduction after temperature of outdoor fan motor is decreased.	Replace outdoor fan motor.
		Incorrect Contact	Measure resistance by tester.	Remove looseness and replace connector.
		Incorrect Contact	Check connection.	Connect it correctly.