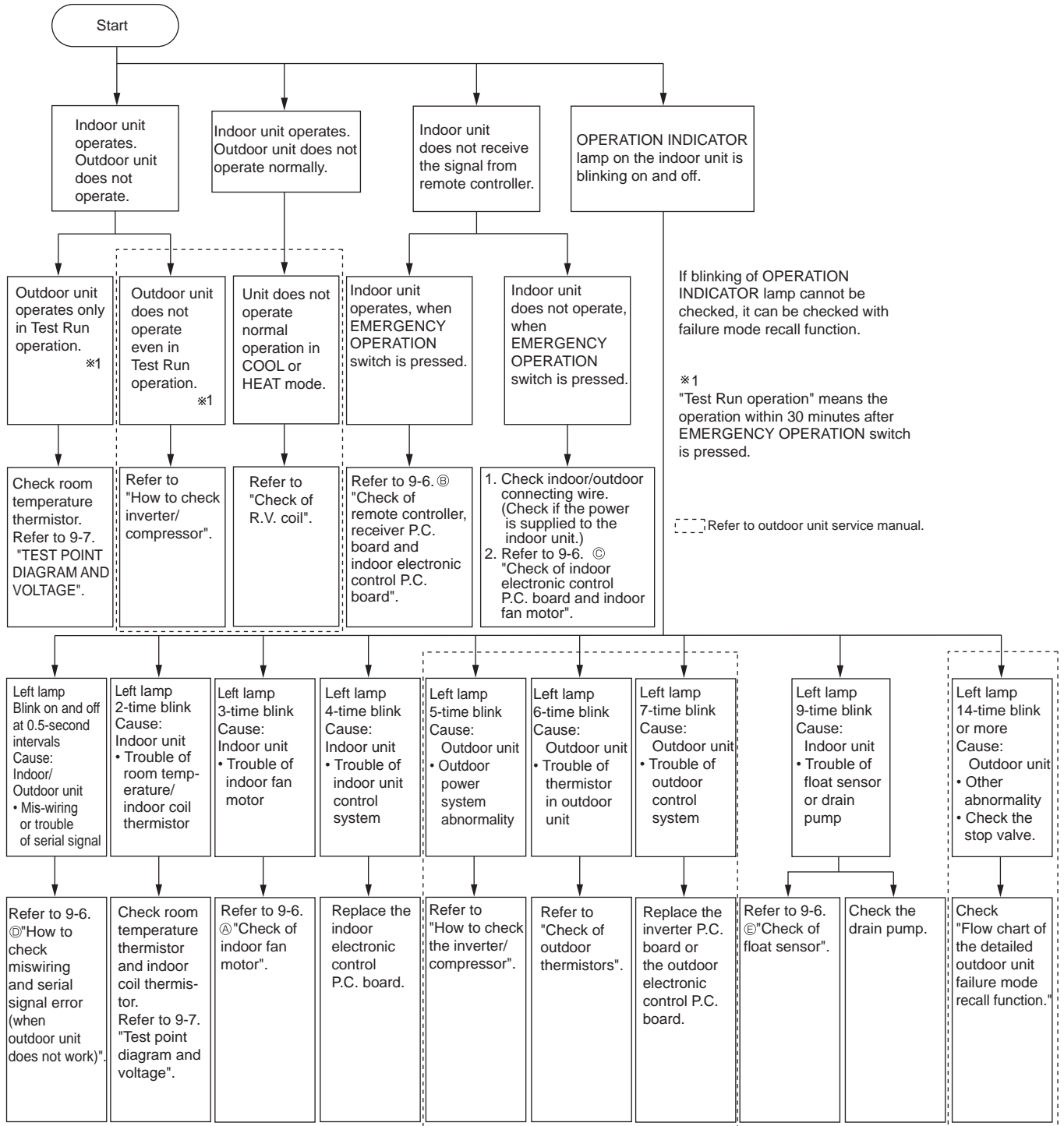


9-3. INSTRUCTION OF TROUBLESHOOTING



9-4. TROUBLESHOOTING CHECK TABLE

OPERATION INDICATOR



Lit



Blinking



Not lit

• Blinking of OPERATION INDICATOR lamp (left-hand side lamp) indicates abnormalities.

NOTE: Before taking measures, make sure that the symptom reappears for accurate troubleshooting.

Self check table

No.	Abnormal point	Operation indicator lamp	Symptom	Condition	Remedy
1	Miswiring or serial signal	Left lamp blinks. 0.5-second ON ●○○○○●○○ 0.5-second OFF	Indoor unit and outdoor unit do not operate.	When the serial signal from the outdoor unit is not received for a maximum of 6 minutes.	• Refer to 9-6. Ⓔ "How to check miswiring and serial signal error".
2	Indoor coil thermistor Room temperature thermistor	Left lamp blinks. 2-time blink ●●○○○○●●○○ 2.5-second OFF	Indoor unit and outdoor unit do not operate.	When the indoor coil or the room temperature thermistor is shorts or opens circuit.	• Refer to the characteristics of indoor coil thermistor, and the room temperature thermistor on 9-7.
3	Indoor fan motor	Left lamp blinks. 3-time blink ●●○○○○●○○○○●○○○○ 2.5-second OFF	Indoor unit and outdoor unit do not operate.	When the rotational frequency feedback signal is not emitted during the indoor fan operation.	• Refer to 9-6. Ⓐ "Check of indoor fan motor".
4	Indoor control system	Left lamp blinks. 4-time blink ●●○○○○●○○○○●○○○○●○○○○ 2.5-second OFF	Indoor unit and outdoor unit do not operate.	When it cannot properly read data in the nonvolatile memory of the indoor electronic control P.C. board.	• Replace the indoor electronic control P.C. board.
5	Outdoor power system	Left lamp blinks. 5-time blink ●●○○○○●○○○○○○○○●○○○○ 2.5-second OFF	Indoor unit and outdoor unit do not operate.	The compressor stops 3 times consecutively for over current protection or start-up failure protection within 1 minute after start-up.	• Refer to "Check of inverter/compressor". Refer to outdoor unit service manual. Check the stop valve.
6	Outdoor thermistors	Left lamp blinks. 6-time blink ●●○○○○●○○○○○○○○●○○○○ 2.5-second OFF	Indoor unit and outdoor unit do not operate.	When the outdoor thermistors short or open circuit during the compressor operation.	• Refer to "Check of outdoor thermistor". Refer to outdoor unit service manual.
7	Outdoor control system	Left lamp blinks. 7-time blink ●●○○○○●○○○○○○○○●○○○○○○○○ 2.5-second OFF	Indoor unit and outdoor unit do not operate.	When it cannot properly read data in the nonvolatile memory of the inverter P.C. board or of the outdoor electronic control P.C. board.	• Replace the inverter P.C. board or the outdoor electronic control P.C. board. Refer to outdoor unit service manual.
8	Drain pump	Left lamp blinks. 9-time blink ●●○○○○●○○○○○○○○●○○○○○○○○ 2.5-second OFF	Indoor unit and outdoor unit do not operate.	• Float sensor is open. • Float sensor detects abnormal water level.	• Check the float sensor characteristics. • Check the drain pump. • Check the drain pipe. • Check the connectors of float sensor and the drain pump. • Refer to 9-6. Ⓔ "Check of float sensor".
9	Other abnormality	Left lamp blinks. 14-time blink or more ●●○○○○●○○○○○○○○●○○○○○○○○●○○○○○○○○ 2.5-second OFF	Indoor unit and outdoor unit do not operate.	An abnormality other than above mentioned is detected.	• Check the abnormality in detail using the failure mode recall function. Refer to outdoor unit service manual.

NOTE: When the indoor unit has started operation and the above failures are detected (the first detection after the power ON), the indoor electronic control P.C. board turns OFF the indoor fan motor with OPERATION INDICATOR lamp blinking.

