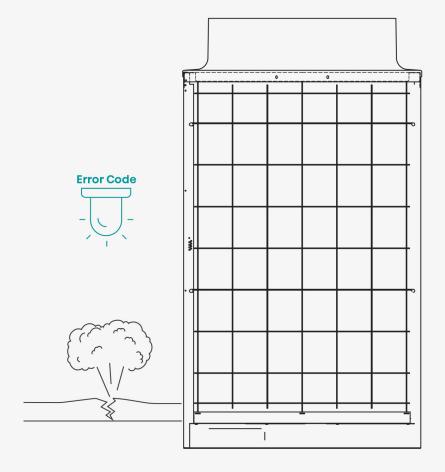
STORINGSLIJST VRF R-SERIE





De Hisense Hi-Flexi R-serie staat bekend om zijn flexibiliteit en veelzijdigheid in diverse toepassingen. Dit VRF systeem is ontworpen om koeling, verwarming of een combinatie van beide te bieden, afhankelijk van de behoeften van de gebruiker. Met de mogelijkheid om te schakelen tussen 2- of 3-pijps uitvoeringen, biedt dit systeem maatwerk en efficiëntie. Hieronder volgt een overzicht van de storingslijst voor de Hisense Hi-Flexi R-serie, inclusief verwijzingen naar de relevante pagina's in de gebruikershandleiding voor gedetailleerde instructies.

Bij het optreden van een storingscode is het raadzaam de Hisense Hi-Flexi R-serie handleiding te raadplegen voor specifieke instructies met betrekking tot de betreffende code. Voor complexe problemen wordt geadviseerd om de serviceafdeling te contacteren.

1. Alarmcode identificeren:

Wanneer zich een storing voordoet, observeert u de alarmcode die op het display verschijnt. Deze code is essentieel voor een snelle diagnose.

2. Stapsgewijze oplossingen in de Storingslijst:

Op onze storingslijst hebben we elke mogelijke storing georganiseerd op basis van de bijbehorende alarmcodes. Op de eerste pagina van de storingslijst vindt u een overzicht van alarmcodes.

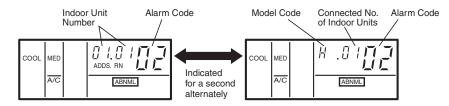
3. Directe toegang tot oplossingen:

Klik eenvoudigweg op de alarmcode die overeenkomt met de storing op de unit. Deze klik leidt u onmiddellijk naar de juiste pagina in het document met gedetailleerde instructies en oplossingen voor de specifieke storing.



Troubleshooting Procedure

Alarm Code Indication of Remote Control Switch



2.1 Alarm Code Table

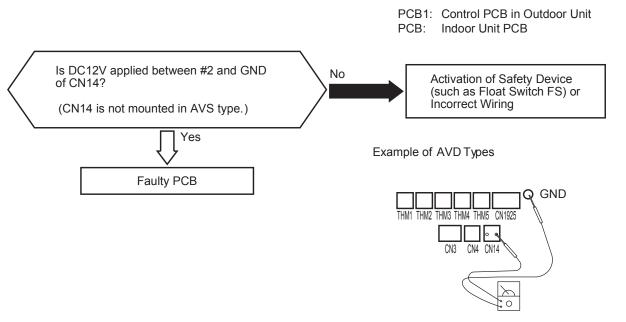
| Code | Category | Content of Abnormality | Leading Cause |
|------|--------------|--|--|
| 01 | Indoor Unit | Activation of Protection Device (Float Switch) | Activation of Float Switch (High Water Level in Drain Pan, Abnormality of Drain Pipe, Float Switch or Drain Pan) |
| 02 | | | Activation of PSH (Pipe Clogging, Excessive Refrigerant, Inert Gas Mixing) |
| 03 | | Abnormality between Indoor and Outdoor | Incorrect Wiring, Loose Terminals, Disconnect Wire, Blowout of Fuse, Outdoor Unit Power OFF |
| 04 | Transmission | Abnormality between Inverter PCB and Outdoor PCB | Inverter PCB - Outdoor PCB Transmission Failure (Loose Connector, Wire Breaking, Blowout of Fuse) |
| 04. | | Abnormality between Fan Controller and Outdoor PCB | Fan Controller - Outdoor PCB Transmission Failure (Loose Connector, Wire Breaking, Blowout of Fuse) |
| 05 | Supply Phase | Abnormality Power Source Phases | Incorrect Power Source, Connection to Reversed Phase, Open-Phase |
| 06 | Voltage | Abnormal Inverter Voltage | Outdoor Voltage Drop, Insufficient Power Capacity |
| 06. | | Abnormal Fan Controller Voltage | Outdoor Voltage Drop, Insufficient Power Capacity |
| 07 | | Decrease in Discharge Gas Superheat | Excessive Refrigerant Charge, Failure of Thermistor, Incorrect Wiring, Incorrect Piping Connection, Expansion Valve Locking at Opened Position (Disconnect Connector) |
| 08 | Cycle | Increase in Discharge Gas Temperature | Insufficient Refrigerant Charge, Pipe Clogging, Failure of Thermistor, Incorrect Wiring, Incorrect Piping Connection, Expansion Valve Locking at Closed Position (Disconnect Connector) |
| 0A | Transmission | Abnormality between Outdoor and Outdoor | Incorrect Wiring, Breaking Wire, Loose Terminals |
| 0b | | Incorrect Outdoor Unit Address Setting | Duplication of Address Setting for Outdoor Units (Sub Units) in Same Refrigerant Cycle System |
| 0C | Outdoor Unit | Incorrect Outdoor Unit Main Unit Setting | Two (or more) Outdoor Units Set as "Main Unit" Exist in Same Refrigerant Cycle System |
| 11 | | Inlet Air Thermistor | |
| 12 | Sensor on | Outlet Air Thermistor | Incorrect Wiring, Disconnecting Wiring |
| 13 | Indoor Unit | Freeze Protection Thermistor | Breaking Wire, Short Circuit |
| 14 | | Gas Piping Thermistor | |
| 19 | Fan Motor | Activation of Protection Device for Indoor Fan | Fan Motor Overheat, Locking |
| 21 | Sensor on | High Pressure Sensor | |
| 22 | | Outdoor Air Thermistor | |
| 23 | | Discharge Gas Thermistor on Top of Compressor | Incorrect Wiring, Disconnecting Wiring |
| 24 | Outdoor Unit | Heat Exchanger Liquid Pipe Thermistor | Breaking Wire, Short Circuit |
| 25 | | Heat Exchanger Gas Pipe Thermistor | |
| 29 | | Low Pressure Sensor | |
| | | | |

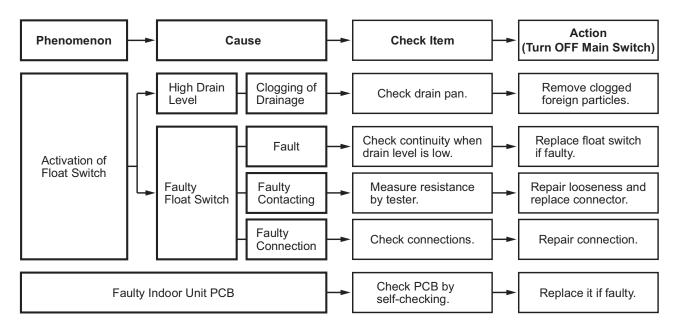
| Code | Category | Content of Abnormality | Leading Cause |
|------|----------------------------|--|---|
| 31 | System | Incorrect Capacity Setting of Outdoor Unit and Indoor Unit | Incorrect Capacity Code Setting of Combination Excessive or Insufficient Indoor Unit Total Capacity Code |
| 35 | oyotom | Incorrect Setting of Indoor Unit No. | Duplication of Indoor Unit No. in same Ref. Gr. |
| 36 | | Incorrect of Indoor Unit CombinationI | ndoor Unit is Designed for R22 |
| 38 | | Abnormality of Picking up Circuit for Protection in Outdoor Unit | Failure of Protection Detecting Device (Incorrect Wiring of Outdoor PCB) |
| 39 | Compressor | Abnormality Running Current at Constant Speed Compressor | Overcurrent, Blowout Fuse, Current Sensor Failure, Instantaneous Power Failure, Voltage Drop, Abnormal Power Supply |
| 3A | | Abnormality of Outdoor Unit Capacity | Outdoor Unit Capacity > 510kBtu/h |
| 3b | Outdoor Unit | Incorrect Setting of Outdoor Unit Models Combination or Voltage | Incorrect Setting of Main and Sub Unit(s) Combination or Voltage |
| 3d | | Abnormality Transmission between Main Unit and Sub Unit(s) | Incorrect Wiring, Disconnect Wire, Breaking Wire, PCB Failure |
| 43 | | Activation of Low Compression Ratio Protection Device | Defective Compression (Failure of Compressor of Inverter, Loose Power Supply Connection) |
| 44 | _ | Activation of Low Pressure Increase Protection Device | Overload at Cooling, High Temperature at Heating, Expansion Valve Locking (Loose Connector) |
| 45 | Protection Device | Activation of High Pressure Increase Protection Device | Overload Operation (Clogging, Short-Pass), Pipe Clogging, Excessive Refrigerant, Inert Gas Mixing |
| 47 | | Activation of Low Pressure Decrease Protection Device (Vacuum Operation Protection) | Insufficient Refrigerant, Refrigerant Piping, Clogging, Expansion Valve Locking at Open Position (Loose Connector) |
| 48 | | Activation of Inverter Overcurrent Protection Device | Overload Operation, Compressor Failure |
| 51 | Sensor | Abnormal Inverter Current Sensor | Current Sensor Failure |
| 53 | | Inverter Error Signal Detection | Driver IC Error Signal Detection (Protection for Overcurrent, Low Voltage, Short Circuit) |
| 54 | Inverter | Abnormality of Inverter Fin Temperature | Abnormal Inverter Fin Thermistor, Heat Exchanger Clogging, Fan Motor Failure |
| 55 | | Inverter Failure | Inverter PCB Failure |
| 57 | | Activation of Fan Controller Protection | Driver IC Error Signal Detection (Protection for Overcurrent, Low Voltage, Short Circuit), Instantaneous Overcurrent |
| 5A | Fan | Abnormality of Fan Controller Fin Temperature | Fin Thermistor Failure, Heat Exchanger Clogging, Fan Motor Failure |
| 5b | Controller | Activation of Overcurrent Protection | Fan Motor Failure |
| 5C | | Abnormality of Fan Controller Sensor | Failure of Current Sensor (Instantaneous Overcurrent, Increase of Fin Temperature, Low Voltage, Earth Fault, Step-Out) |
| EE | Compressor | Compressor Protection Alarm (It is can not be reset from remote Controller) | This alarm code appears when the following alarms* occurs three times within 6 hours. *02, 07, 08, 39, 43 to 45, 47 |
| b1 | Outdoor Unit No. Setting | Incorrect Setting of Unit and Refrigerant Cycle No. | Over 64 Number is Set for Address or Refrigerant Cycle. |
| b5 | Indoor Unit No. Setting | Incorrect Indoor Unit Connection Number Setting | More than 17 Non-Corresponding to Hi-NET Units are Connected to One System. |
| C1 | | Incorrect Indoor Unit Connection | 2 or more Switch Boxes are connected between outdoor unit and indoor unit. |
| C2 | Switch Box | Incorrect Indoor Unit Connection No. Setting | 9 or More Indoor Units Connected to Switch Box |
| C3 | | Incorrect Indoor Unit Connection | The indoor units of different refrigerant cycle is connected to Switch Box. |

2.2 Troubleshooting by Alarm Code

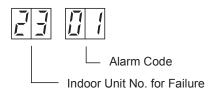
| Alarm M Code | Activation of Protection Device in Indoor Unit |
|-----------------|--|
|-----------------|--|

- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and the unit No. and alarm code are indicated on the display of the outdoor unit PCB1.
- ★ This alarm is indicated when the contact between #1 and #2 of CN14 is not closed over 120 seconds during the cooling, fan or heating operation.



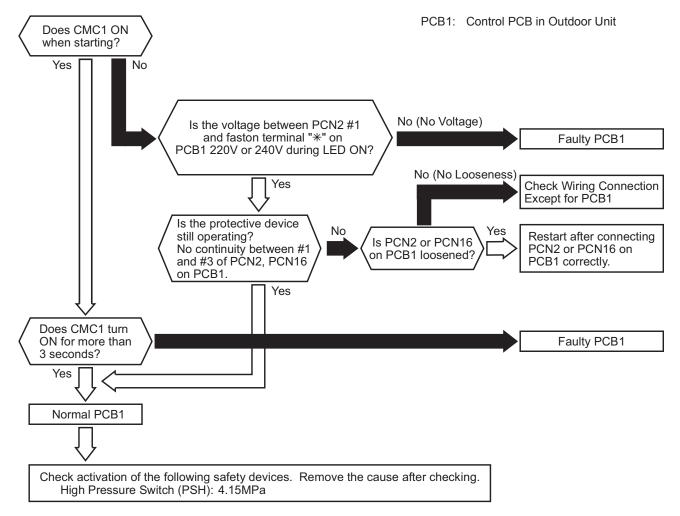


<Outdoor Unit PCB1 Display Indication>



| Alarm Code | | Activation of Protection Device in Outdoor Unit |
|---------------|--|---|
|---------------|--|---|

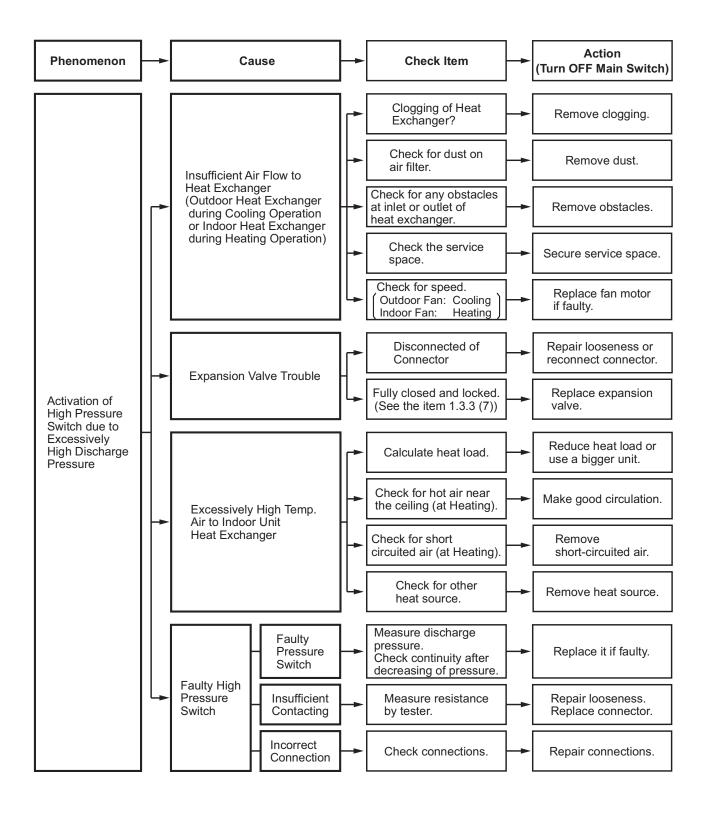
- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section and the unit No. and alarm code are indicated on the display of the outdoor unit PCB1.
- ★ This alarm is indicated when one of safety devices is activated during compressor running.

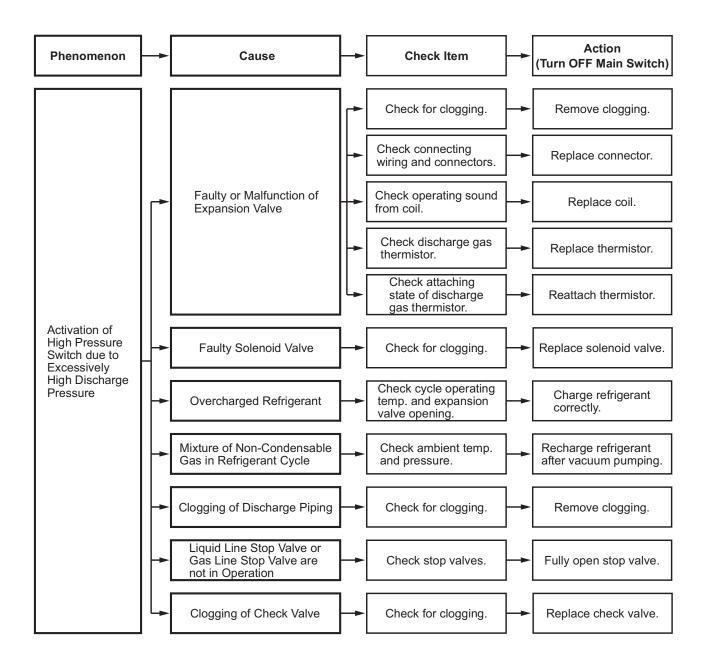


Check Item

| Connector for CMC1 | Faston Terminal * | | Connector for Protection Device |
|--------------------|-------------------|----|------------------------------------|
| PCN3 | 380-415V/50Hz | N1 | PCN2 or PCN16 |

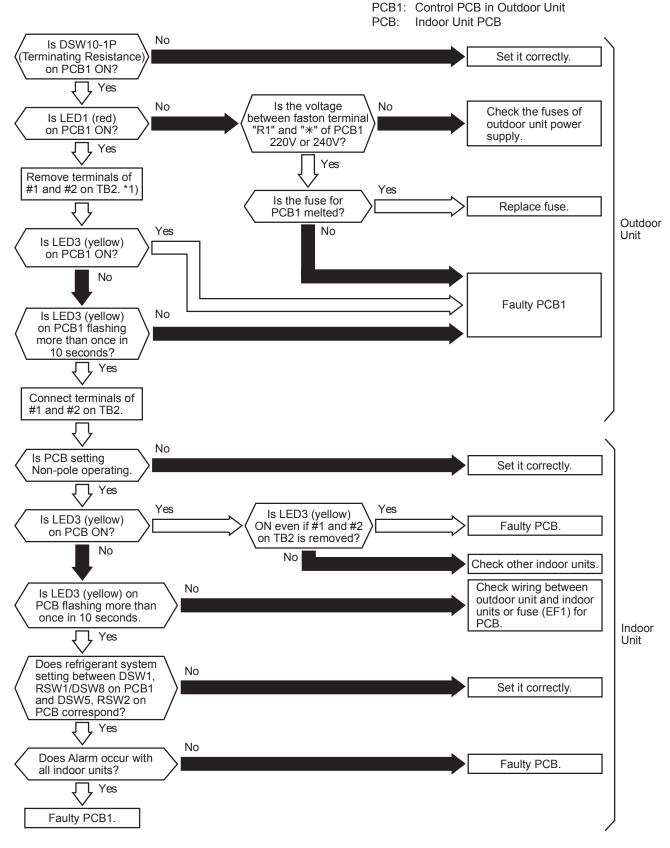
| Model | High Pressure Switch (Connector No.) | | |
|----------------------|---|-----------------|--|
| Model | 63H1 (PCN2) | 63H2 (PCN16) | |
| AVWT-76 to AVWT-114 | 0 | - | |
| AVWT-136 to AVWT-170 | 0 | 0 | |





| Alarm Code | | Abnormal Transmitting between Indoor Units and Outdoor Units |
|---------------|--|--|
|---------------|--|--|

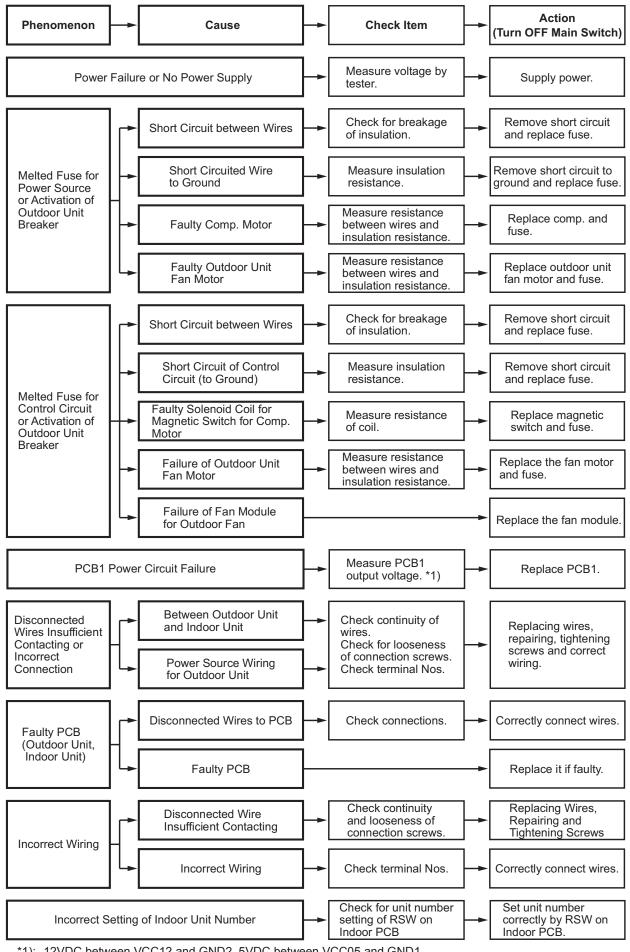
- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, or the unit No. and alarm code are indicated on the display of the outdoor unit PCB1.
- ★ This alarm is indicated when abnormality is maintained for 3 minutes after normal transmitting between indoor units and outdoor unit, and also abnormality is maintained for 30 seconds after the micro-computer is automatically reset. The alarm is indicated when the abnormal transmitting is maintained for 30 seconds from starting of the outdoor unit.
- ★ Investigate the cause of overcurrent and take necessary action when fuses are melted or the breakers for the outdoor unit are activated.



*1): In case that terminating resistance (DSW10-1P) is OFF when Hi-NET Connection is performed. Set the terminating resistance to ON when #1 and #2 on TB2 is removed. Set the terminating resistance to OFF when #1 and #2 on TB2 is reconnected.

*Check Item

| Power Supply | Faston Terminal |
|---------------|-----------------|
| 380-415V/50Hz | N1 |

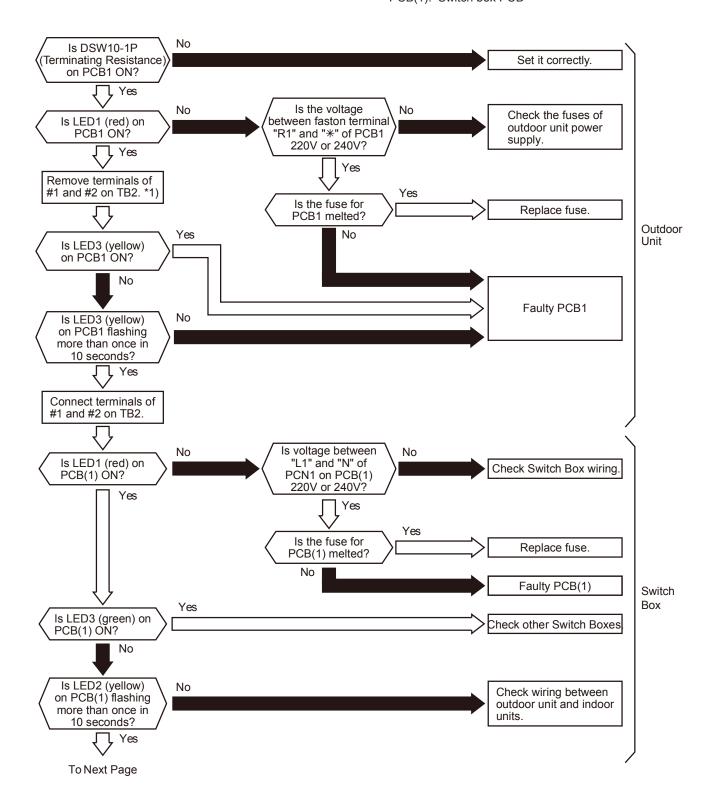


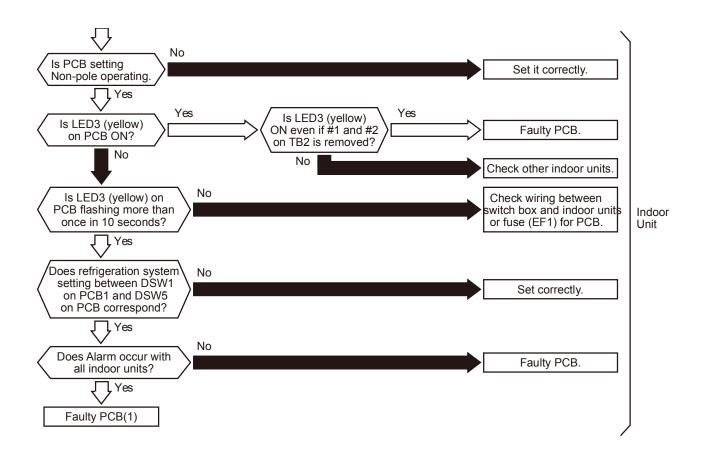
 *1): 12VDC between VCC12 and GND2, 5VDC between VCC05 and GND1, 12VDC between VCC12 and GND1, 15VDC between VCC15 and GND1, 24VDC between VCC24 and GND1, 12VDC between VCC12T and GND1

| Alarm Code | | Abnormal Transmitting between Indoor Units and Outdoor Units |
|---------------|--|--|
|---------------|--|--|

- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, or the unit No. and alarm code are indicated on the display of the outdoor unit PCB1.
- ★ This alarm is indicated when abnormality is maintained for 3 minutes after normal transmitting between indoor units, switch box and outdoor unit, and also abnormality is maintained for 30 seconds after the micro-computer is automatically reset. The alarm is indicated when the abnormal transmitting is maintained for 30 seconds from starting of the outdoor unit.
- ★ Investigate the cause of overcurrent and take necessary action when fuses are melted or the breakers for the outdoor unit are activated.

PCB1: Control PCB in Outdoor Unit PCB: Indoor Unit PCB PCB(1): Switch box PCB

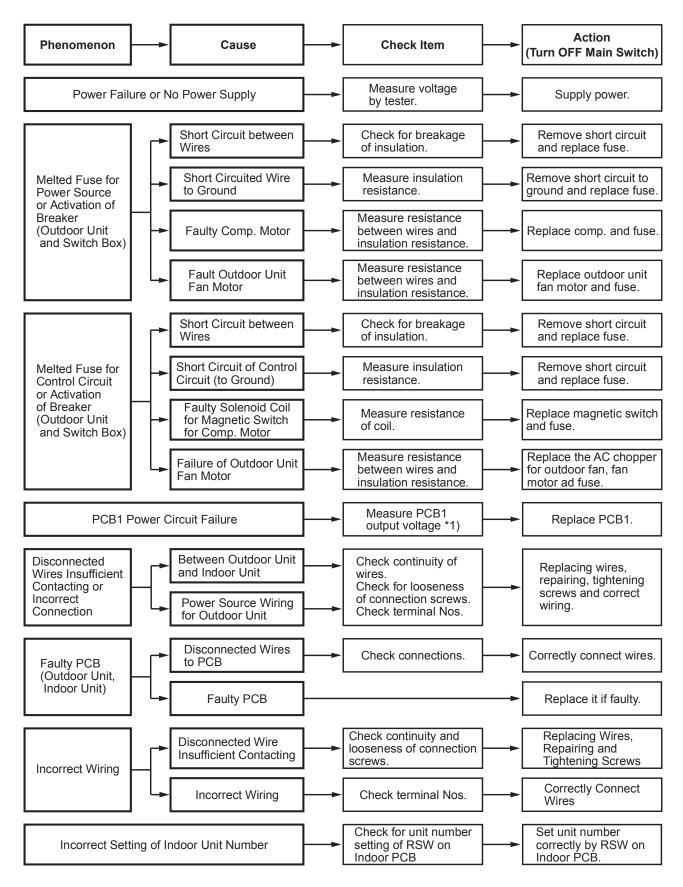




*1): In case that terminating resistance (DSW10-1P) is OFF when Hi-NETff Connection is performed. Set the terminating resistance to ON when #1 and #2 on TB2 is removed. Set the terminating resistance to OFF when #1 and #2 on TB2 is reconnected.

| * Chec | k Item |
|--------|--------|
|--------|--------|

| Power Supply | Faston Terminal |
|---------------|-----------------|
| 380-415V/50Hz | N1 |

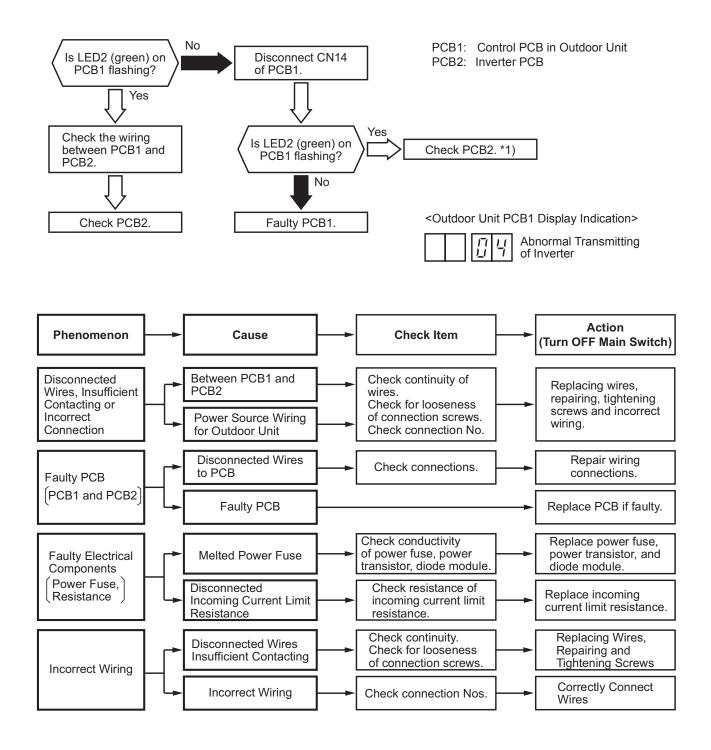


 *1): 12VDC between VCC12 and GND2, 5VDC between VCC05 and GND1, 12VDC between VCC12 and GND1, 15VDC between VCC15 and GND1, 24VDC between VCC24 and GND1, 12VDC between VCC12T and GND1

| Alarm | ΠΠ |
|-------|----|
| Code | |

Abnormal Transmitting between Inverter PCB and Outdoor PCB

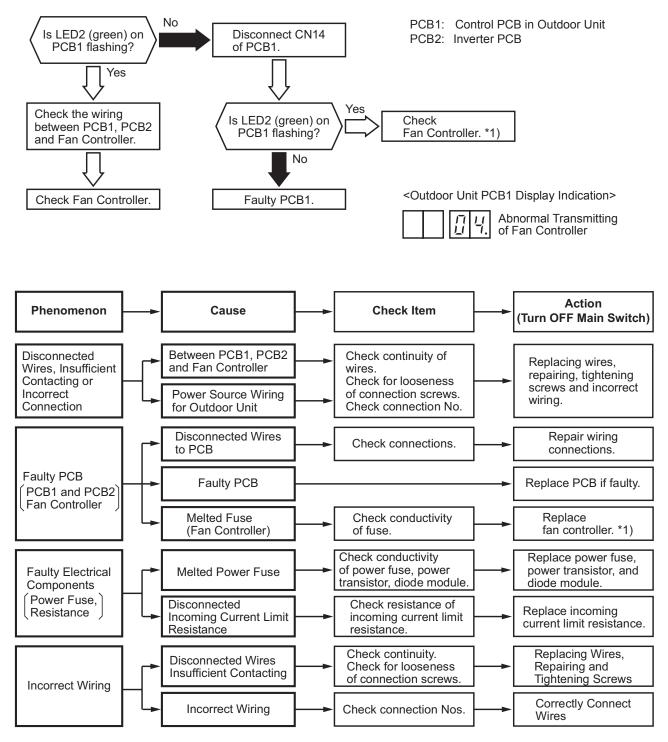
- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and the unit No. and alarm code are indicated on the display of the outdoor unit PCB1.
- ★ This alarm is indicated when abnormality is maintained for 30 seconds after normal transmitting between the outdoor unit PCB1 and PCB2, and also abnormality is maintained for 30 seconds after the micro-computer is automatically reset. The alarm is indicated when the abnormal transmitting is maintained for 30 seconds from starting of the outdoor unit.



| Alarm | ΓΠ |
|-------|-----|
| Code | 17. |

Abnormal Transmitting between Fan Controller and Outdoor PCB

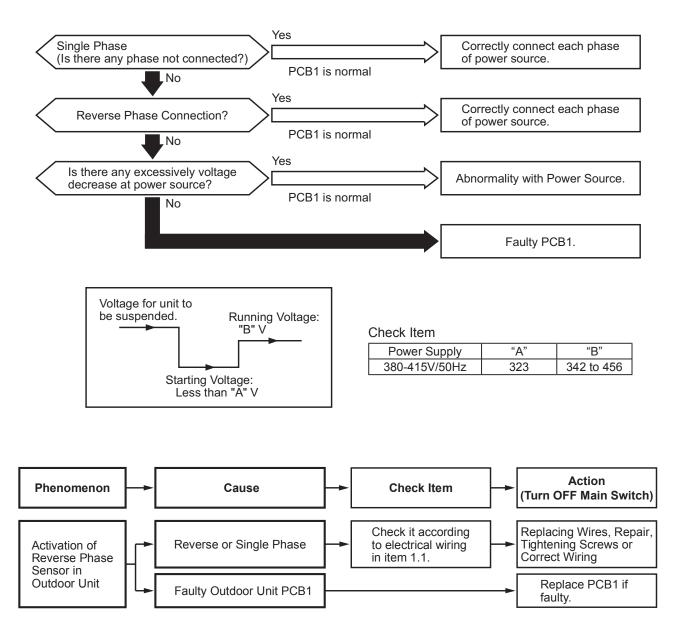
- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and the unit No. and alarm code are indicated on the display of the outdoor unit PCB1.
- ★ This alarm is indicated when abnormality is maintained for 30 seconds after normal transmitting between the outdoor unit PCB1 and fan controller, and also abnormality is maintained for 30 seconds after the micro-computer is automatically reset. The alarm is indicated when the abnormal transmitting is maintained for 30 seconds from starting of the outdoor unit.



*1): The fan controller may be damaged if the fuse of fan controller is melted. In that case, replace the fan controller.

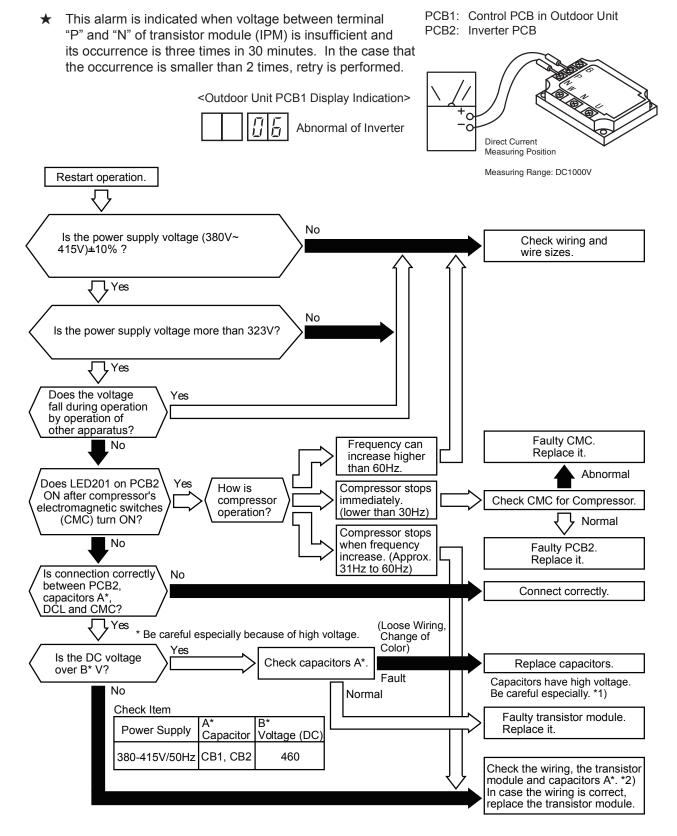
| Alarm Code | | Abnormality Power Source Phase |
|---------------|--|--------------------------------|
|---------------|--|--------------------------------|

- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and the unit No. and alarm code are indicated on the display of the outdoor unit PCB1.
- ★ This alarm is indicated when the main power source phase is reversely connected or one phase is not connected.



| Alarm Code | | Abnormal Inverter Voltage |
|---------------|--|---------------------------|
|---------------|--|---------------------------|

- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and the alarm code is indicated on the display of the outdoor unit PCB1.

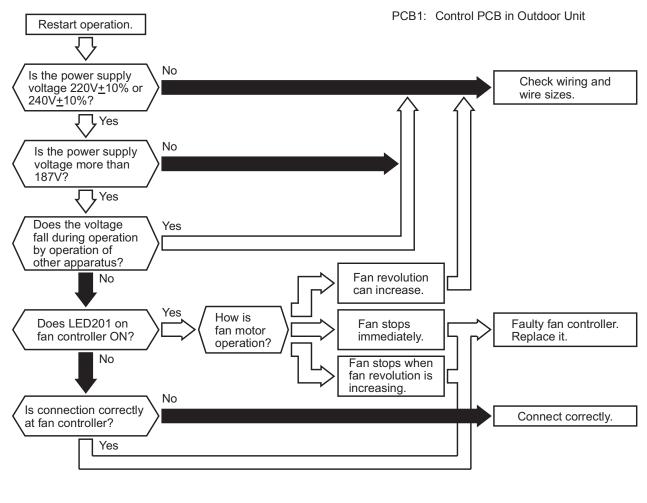


*1): If capacitor has high voltage, perform the high voltage discharge work according to the item 3.3.

*2): Checking procedures of transistor module is indicated in the item 3.3.

| Alarm Code | | Abnormal Fan Controller Voltage |
|---------------|--|---------------------------------|
|---------------|--|---------------------------------|

- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and the alarm code is indicated on the display of the outdoor unit PCB1.
- ★ This alarm is indicated when voltage between terminal "R" and "S" of Fan Controller is insufficient and its occurrence is three times in 30 minutes. In the case that the occurrence is smaller than 2 times, retry is performed.



<Outdoor Unit PCB1 Display Indication>



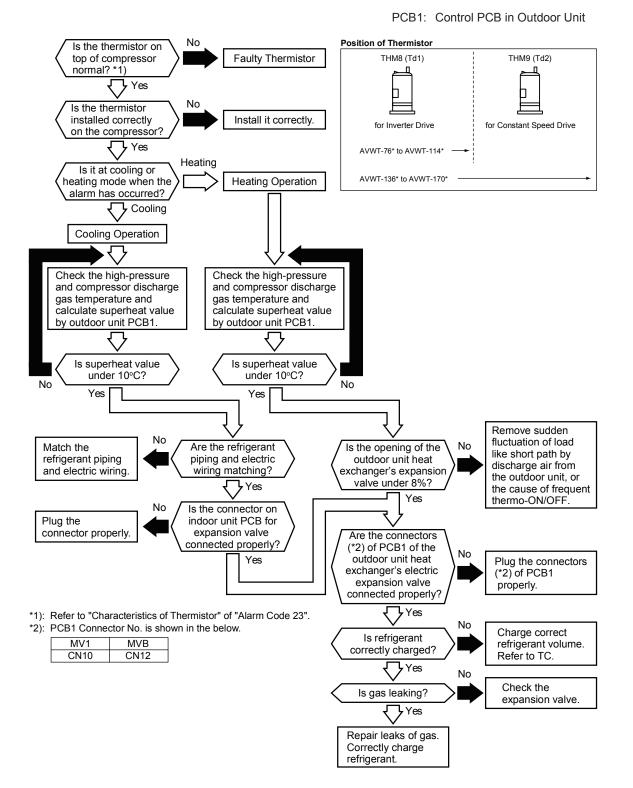
Abnormal of Fan Controller

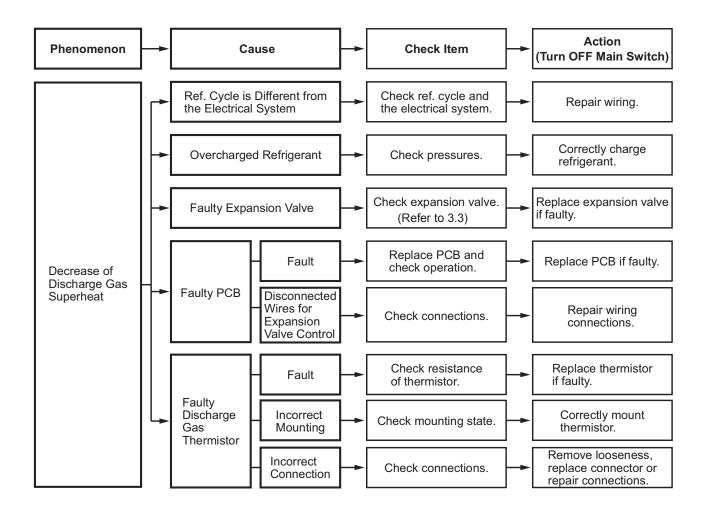
NOTES:

- If fan controller has high voltage, perform the high voltage discharge work according to the item 3.3.
- Check the wiring connection according to the checking procedure of fan controller indicated in the item 3.3.

| Alarm 🎵 🏹 Code 📙 🚺 | Decrease in Discharge Gas Superheat |
|-----------------------|-------------------------------------|
|-----------------------|-------------------------------------|

- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and the unit No. and alarm code are indicated on the display of the outdoor unit PCB1.
- ★ In the case that the discharge gas superheat less than 10 deg. at the top of the compressor is maintained for 30 minutes, retry operation is performed. However, when the alarm occurs twice within two hours, this alarm code is indicated.



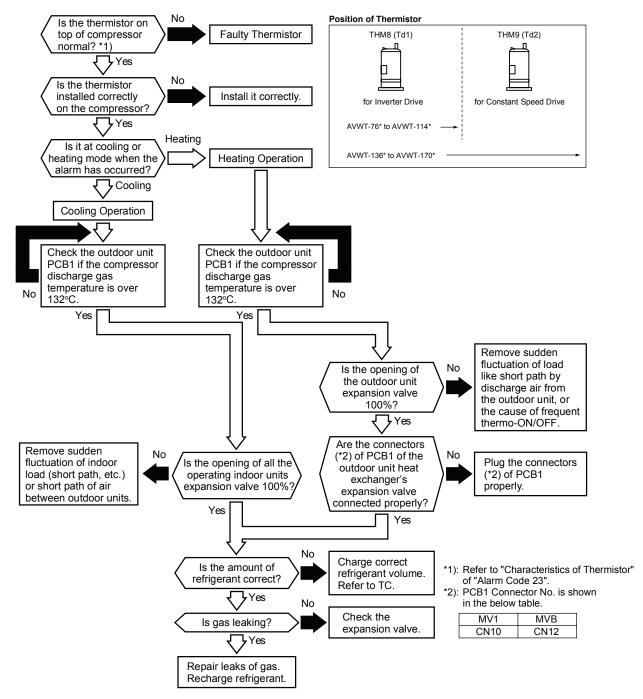


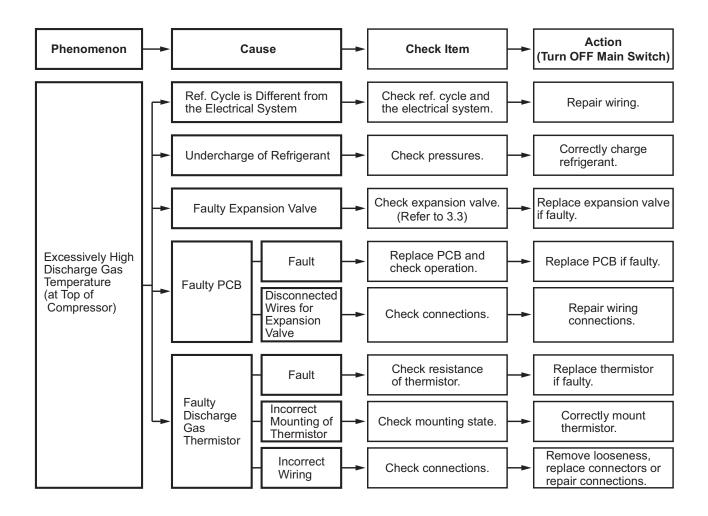
| Alarm | |
|-------|--|
| Code | |

Increase in Discharge Gas Temperature at the Top of Compressor

- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and the unit No. and alarm code are indicated on the display of the outdoor unit PCB1.
- ★ This alarm is indicated when the following conditions occurs three times within one hour;

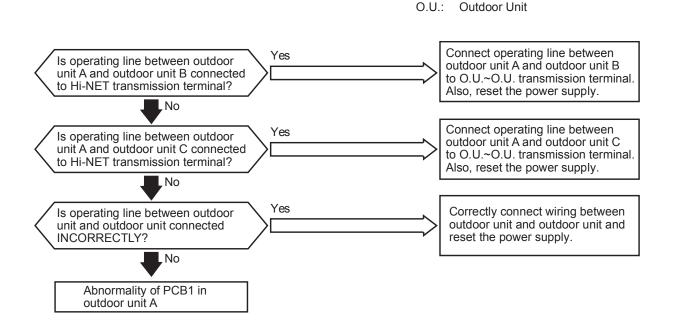
(1) The temperature of the thermistor on the top of the compressor is maintained higher than 132°C for 10 minutes, or (2) The temperature of the thermistor on the top of the compressor is maintained higher than 140°C for 5 seconds.

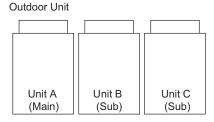




Alarm Abnormality Transmitting between Outdoor Units

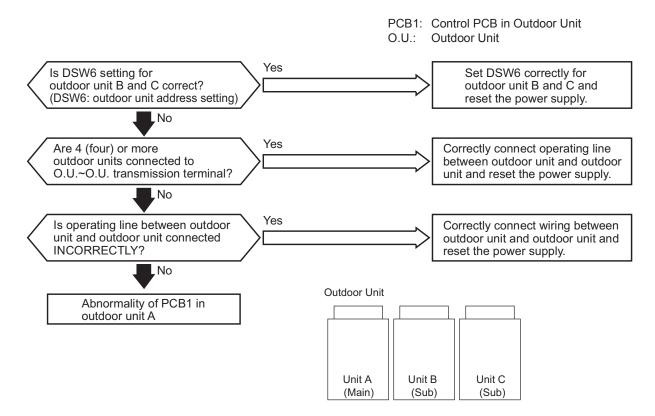
- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and the unit No. and alarm code are indicated on the display of the outdoor unit PCB1.





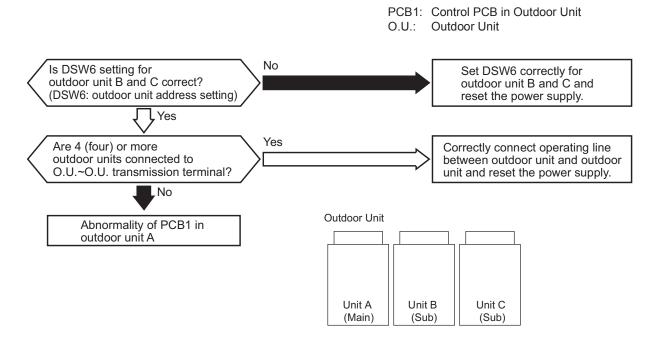
| Alarm M Code M | Incorrect Outdoor Unit Address Setting |
|---------------------------------|--|
|---------------------------------|--|

- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and the unit No. and alarm code are indicated on the display of the outdoor unit PCB1.



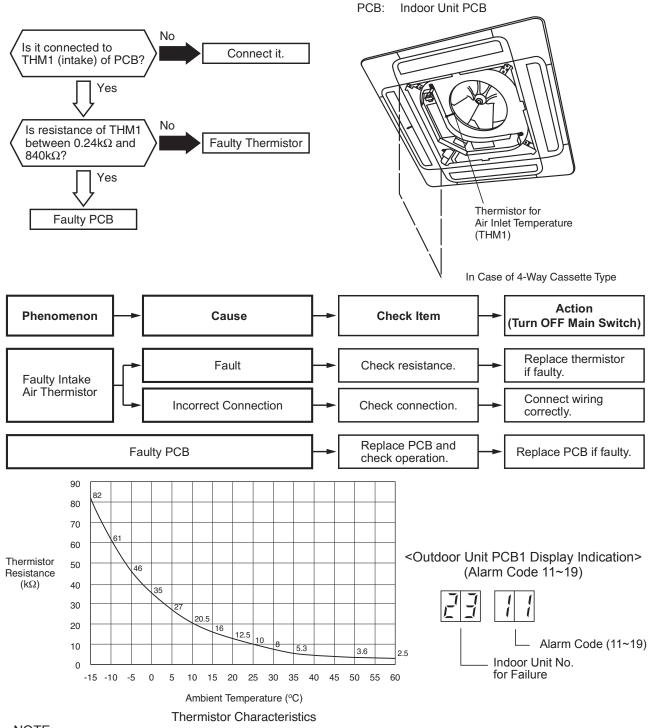
| Alarm Code | | Incorrect Outdoor Main Unit Setting |
|---------------|--|-------------------------------------|
|---------------|--|-------------------------------------|

- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and the unit No. and alarm code are indicated on the display of the outdoor unit PCB1.



| Alarm | 1 1 | Abnormality of Thermistor for Indoor Unit Inlet Air Temperature |
|-------|-----|---|
| Code | i i | (Air Inlet Thermistor) |

- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and the unit No. and alarm code are indicated on the display of the outdoor unit PCB1.
- This alarm is indicated when the thermistor is short-circuited (less than 0.24 kΩ) or cut (greater than 840 kΩ) during the cooling or heating operation. The system is automatically restarted when the fault is removed.
 PCB1: Control PCB in Outdoor Unit



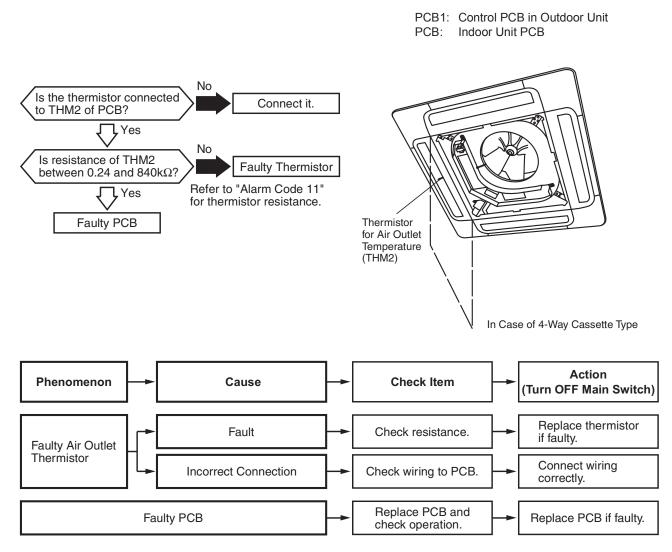


This data is applicable to the following thermistors;

1. Indoor Unit Discharge Air Temperature, 2. Indoor Unit Intake Air Temperature, 3. Indoor Unit Liquid Piping Temperature, 4. Indoor Unit Gas Piping Temperature, 5. Outdoor Air Temperature, 6. Outdoor Unit Liquid Piping Temperature, 7. Outdoor Unit Gas Piping Temperature

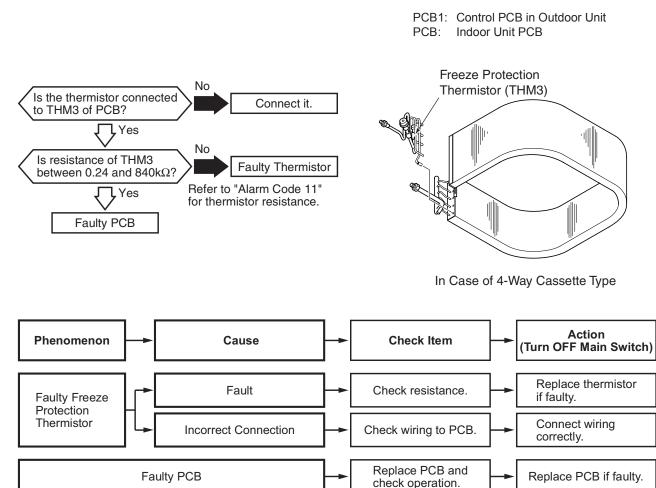
| Alarm | [] | Abnormality of Thermistor for Indoor Unit Discharge Air Temperature |
|-------|----|---|
| Code | | (Air Outlet Thermistor) |

- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and the unit No. and alarm code are indicated on the display of the outdoor unit PCB1.
- This alarm is indicated when the thermistor is short-circuited (less than 0.24 kΩ) or cut (greater than 840 kΩ) during the cooling or heating operation. The system is automatically restarted when the fault is removed.



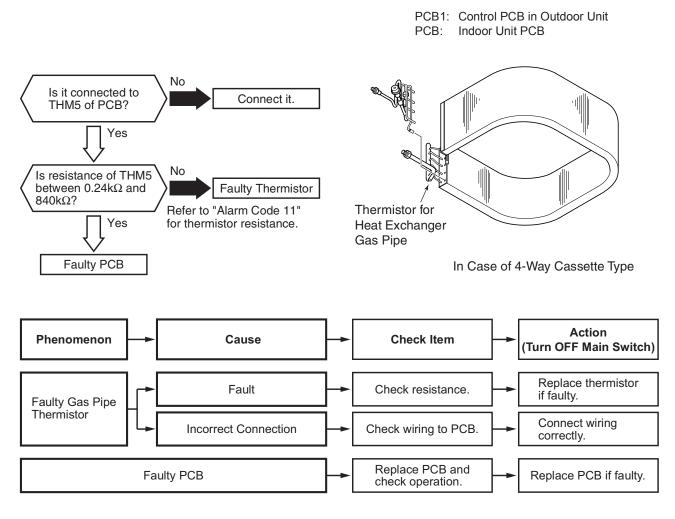
| Alarm | 1 7 | Abnormality of Thermistor for Indoor Unit Heat Exchanger Liquid |
|-------|------|---|
| Code | î Ţî | Refrigerant Pipe Temperature (Freeze Protection Thermistor) |

- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and the unit No. and alarm code are indicated on the display of the outdoor unit PCB1.
- ★ This alarm is indicated when the thermistor is short-circuited (less than 0.24 k Ω) or cut (greater than 840 k Ω) during the cooling operation or heating operation. The system is automatically restarted when the fault is removed.



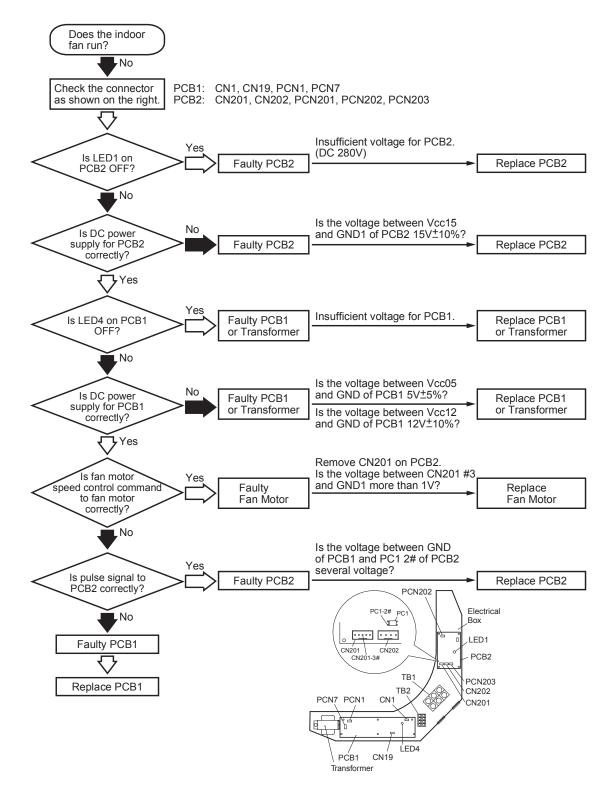
| Alarm | 1)1 | Abnormality of Thermistor for Indoor Unit Heat Exchanger |
|-------|-----|--|
| Code | 17 | Gas Refrigerant Pipe Temperature (Gas Piping Thermistor) |

- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and the unit No. and alarm code are indicated on the display of the outdoor unit PCB1.
- This alarm is indicated when the thermistor is short-circuited (less than 0.24 kΩ) or cut (greater than 840 kΩ) during the cooling or heating operation. The system is automatically restarted when the fault is removed.



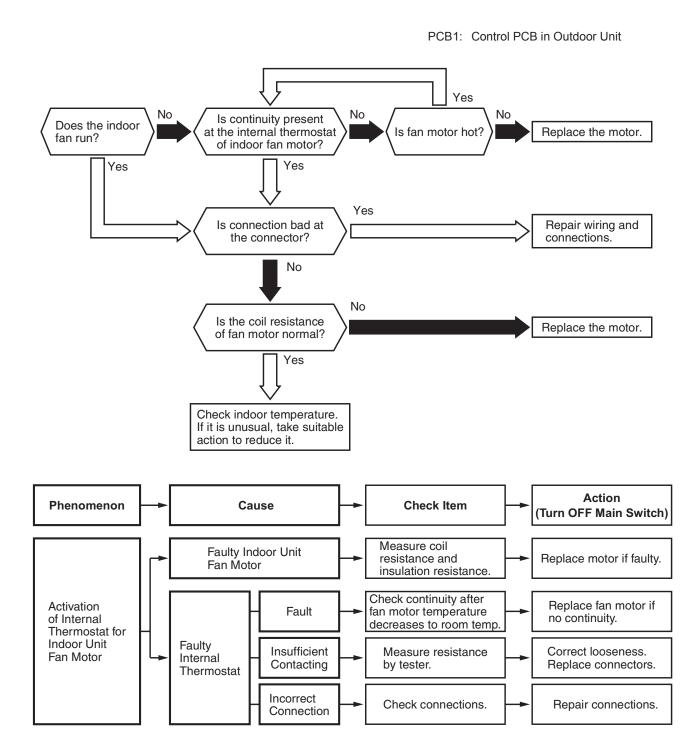
| Alarm Activation of Protection Device for Indoor Fan Motor Code (AVC-Model) |
|---|
|---|

- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and the alarm code is indicated on the display of the outdoor unit PCB.
- ★ This alarm is indicated when the following conditions occurs three times in 30 minutes.
 - * Indoor fan rotates less than 70rpm for 5 seconds during operation.
- ★ Check to ensure that power is OFF before checking the connector connections. If not, PCB and fan motor may be damaged.



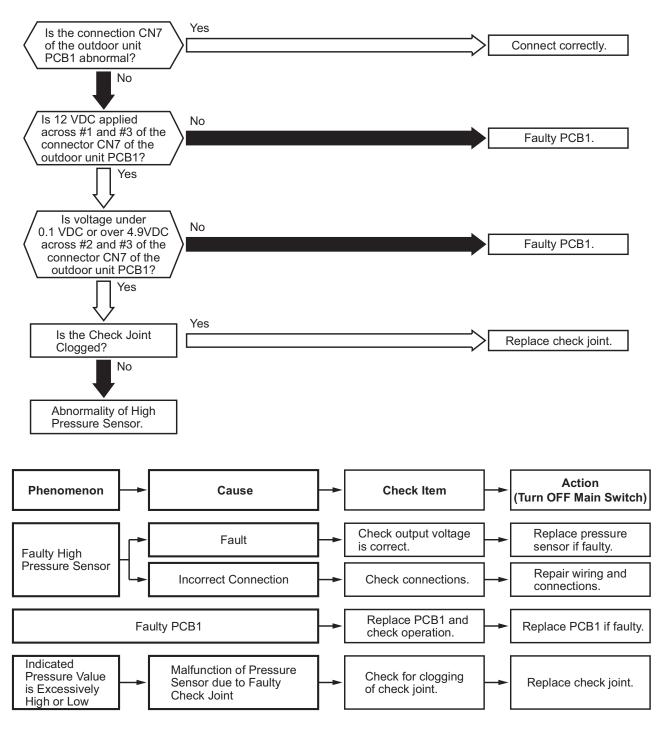
| Alarm () | Activation of Protection Device for Indoor Fan Motor |
|----------|--|
| Code i i | (except AVC Model) |

- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and alarm code is indicated on the display of the outdoor unit PCB1.
- ★ This alarm is indicated when the temperature of the internal thermostat for the indoor fan motor is higher than 130°C.



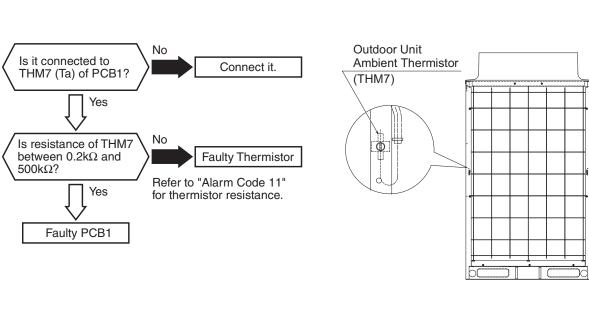
| Alarm Code | | Abnormality of High Pressure Sensor for Outdoor Unit |
|---------------|--|--|
|---------------|--|--|

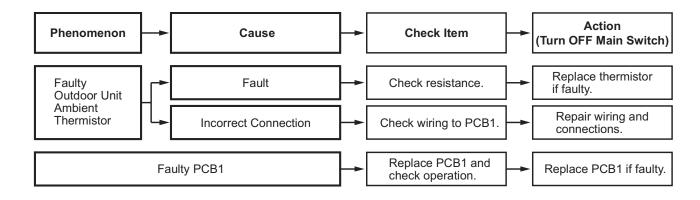
- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and the unit No. and alarm code are indicated on the display of the outdoor unit PCB1.
- ★ This alarm is indicated when the pressure sensor voltage decreases lower than 0.1V or increases higher than 4.9V during running.



| Alarm Code | Abnormality of Thermistor for Outdoor Air Temperature (Outdoor Unit Ambient Thermistor) |
|---------------|--|
| | |

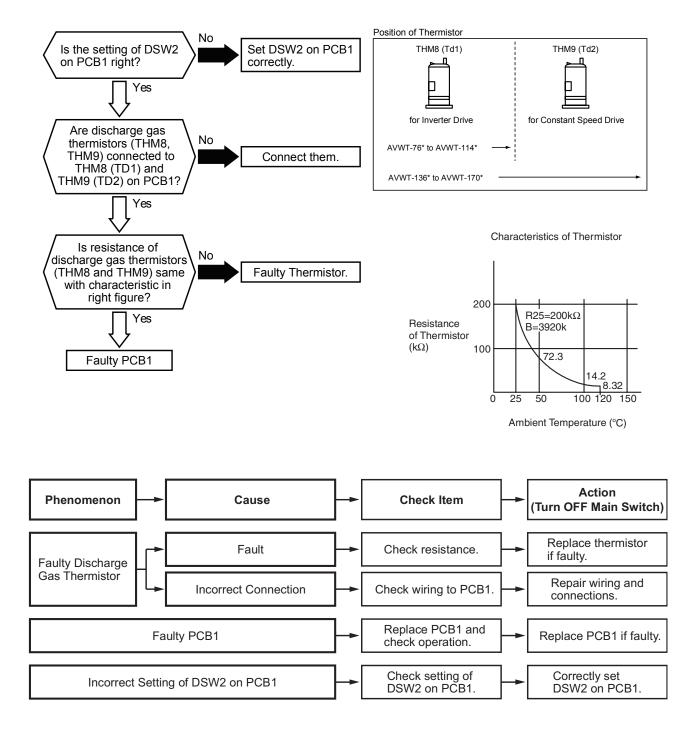
- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and the unit No. and alarm code are indicated on the display of the outdoor unit PCB1.
- **★** This alarm is indicated when the thermistor is short-circuited (less than 0.2 k Ω) or cut (greater than 500 k Ω) during running.





| Alarm | | Abnormality of Thermistor for Discharge Gas |
|-------|--|---|
| Code | | Temperature on the Top of Compressor |

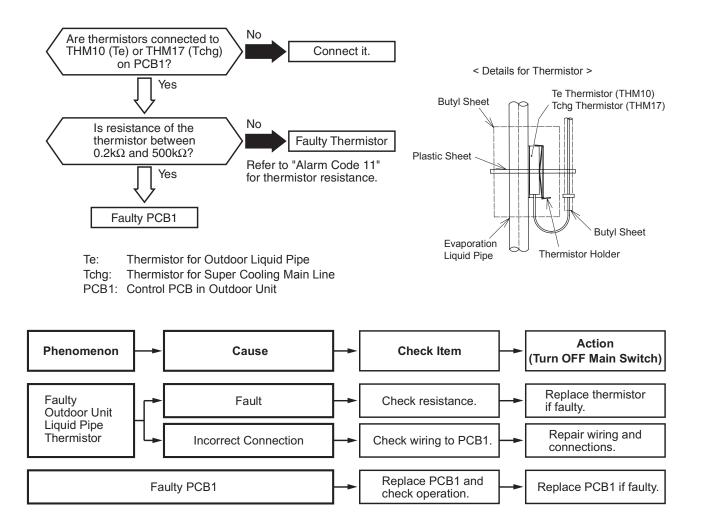
- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, or the unit No. and alarm code are indicated on the display of the outdoor unit PCB1. If abnormality with the thermistor is found, check all the thermistors as shown below.
- This alarm is indicated when the thermistor is short-circuited (less than 0.9 kΩ) or cut (greater than 5,946 kΩ) during running.



| Alarm | 7111 | Abnormality of Thermistor for Outdoor Unit Heat Exchanger Liquid Pipe |
|-------|------|---|
| Code | | (Te/Tchg) |

- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and the unit No. and alarm code are indicated on the display of the outdoor unit PCB1. If abnormality with the thermistor is found, check the thermistors as shown below.
- ★ This alarm is indicated when the thermistor is short-circuited (less than $0.2k\Omega$) or cut (greater than $840k\Omega$) for 8 minutes during running.

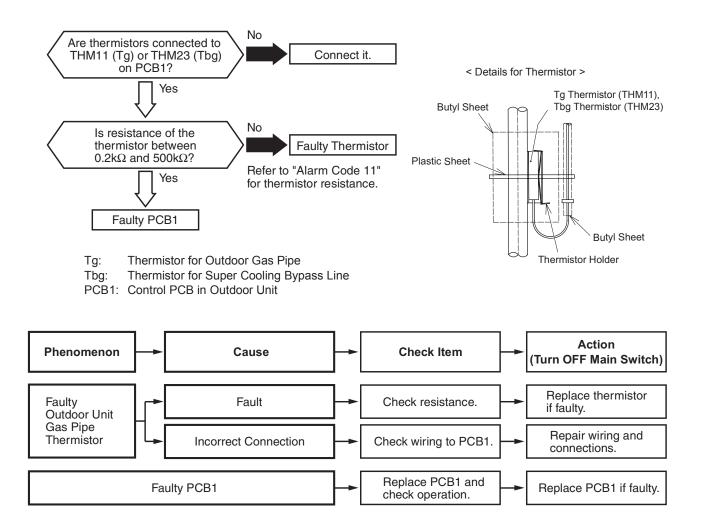
If this thermistor is faulty, this alarm is indicated.



| Alarm | 7,17 | Abnormality of Thermistor for Outdoor Unit Heat Exchanger Gas Pipe |
|-------|------|--|
| Code | | (Tg/Tbg) |

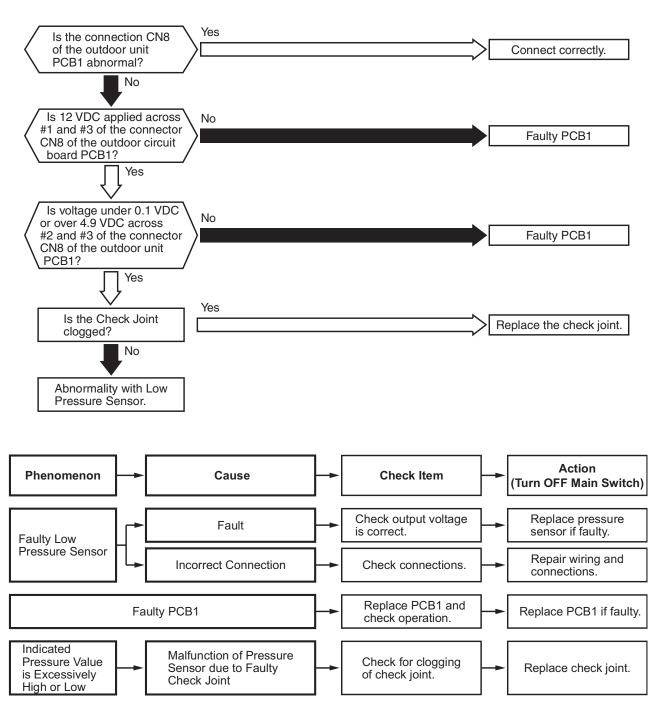
- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and the unit No. and alarm code are indicated on the display of the outdoor unit PCB1. If abnormality with the thermistor is found, check all the thermistors as shown below.
- ★ This alarm is indicated when the thermistor is short-circuited (less than $0.2k\Omega$) or cut (greater than $840k\Omega$) for 8 minutes during running.

If this thermistor is faulty, this alarm is indicated.



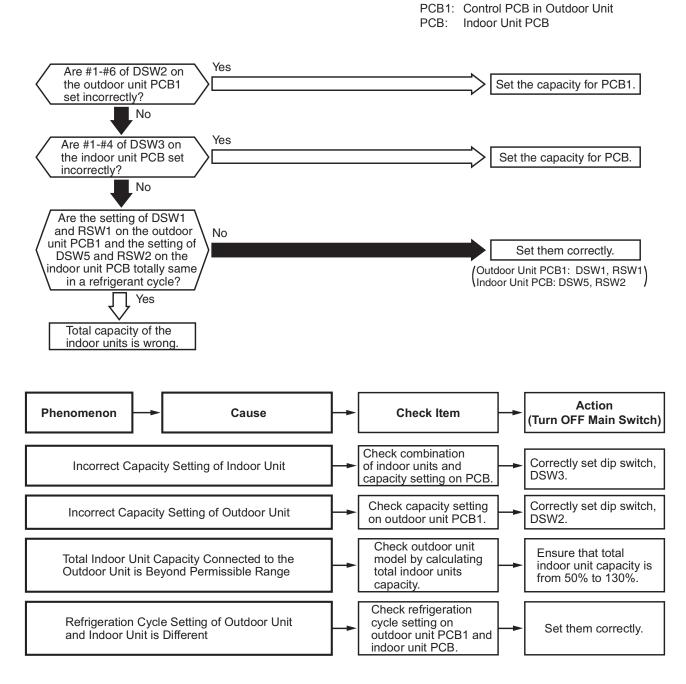
| Alarm Code |
|---------------|
|---------------|

- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and the unit No. and alarm code are indicated on the display of the outdoor unit PCB1.
- ★ This alarm is indicated when the pressure sensor voltage decreases lower than 0.1V or increases higher than 4.9V during running.



| Alarm Code | | Incorrect Capacity Setting of Indoor Unit and Outdoor Unit |
|---------------|--|--|
|---------------|--|--|

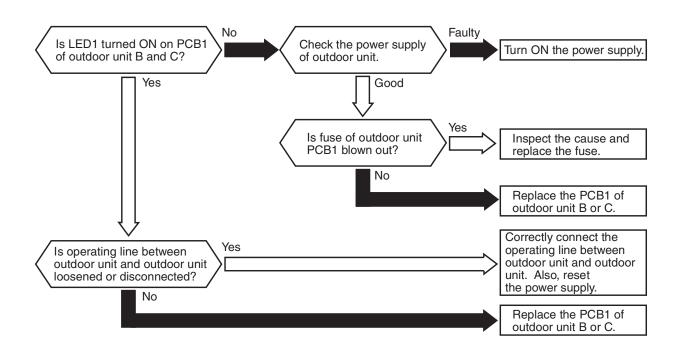
- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and the unit No. and alarm code are indicated on the display of the outdoor unit PCB1.
- ★ This alarm is indicated when the capacity setting dip switch, DSW2 on the outdoor unit PCB1, is not set (all the settings from #1 to #6 are OFF) or mis-setting.
- ★ This alarm is indicated when the total indoor unit capacity is smaller than 50% or greater than 130% of the combined outdoor unit capacity.

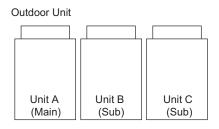


| Alarm | 71 | |
|-------|----|--|
| Code | | |

Abnormal Transmitting between Outdoor Units

- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and the unit No. and alarm code are indicated on the display of the outdoor unit PCB1.
- ★ This alarm is indicated when the following condition occurs after normal transmitting between outdoor unit and outdoor unit is maintained;
 - Abnormality is maintained for 30 seconds.
 - Abnormality is maintained for 30 seconds even after micro-computer reset (automatically).





| Alarm | 7,)- |
|-------|-------|
| Code | ע ע |

- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and the alarm code is indicated on the display of the outdoor unit PCB1.
- ★ This alarm is indicated 5 minutes after power is supplied to the outdoor unit when the indoor unit No. connected to the outdoor unit is duplicated by setting of DSW and RSW.

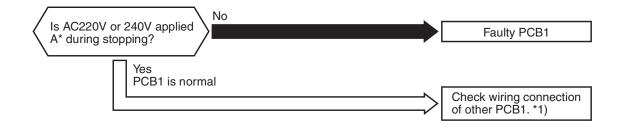
| Alarm Code | Incorrect Indoor Unit Combination |
|---------------|-----------------------------------|
| Code | |

- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and the alarm code is indicated on the display of the outdoor unit PCB1.
- ★ This alarm is indicated when the indoor unit connected to outdoor unit is designed for refrigerant R22 type.

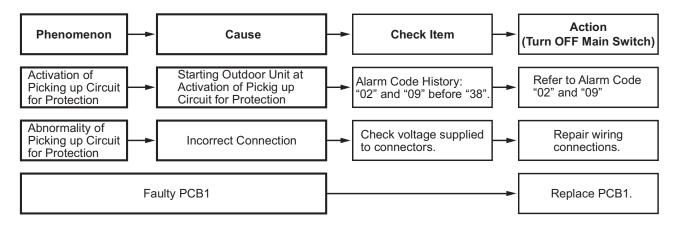
| Alarm Code | | Abnormality of Picking up Circuit for Protection in Outdoor Unit |
|---------------|--|--|
|---------------|--|--|

- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and the unit No. and the alarm code are indicated on the display of the outdoor unit PCB1.
- ★ This alarm is indicated when AC 220V or 240V is not detected in A* during inverter compressor stoppage.

PCB1: Control PCB in Outdoor Unit



| Power Supply | A* |
|---------------|--|
| 380-415V/50Hz | Between terminal #3 of PCN2, PCN16 and faston terminal "N1" on PCB1 |

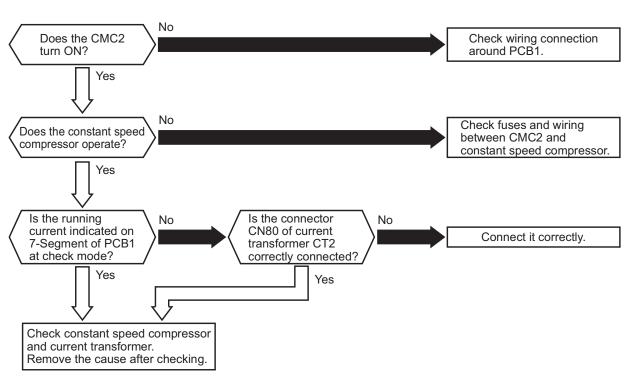


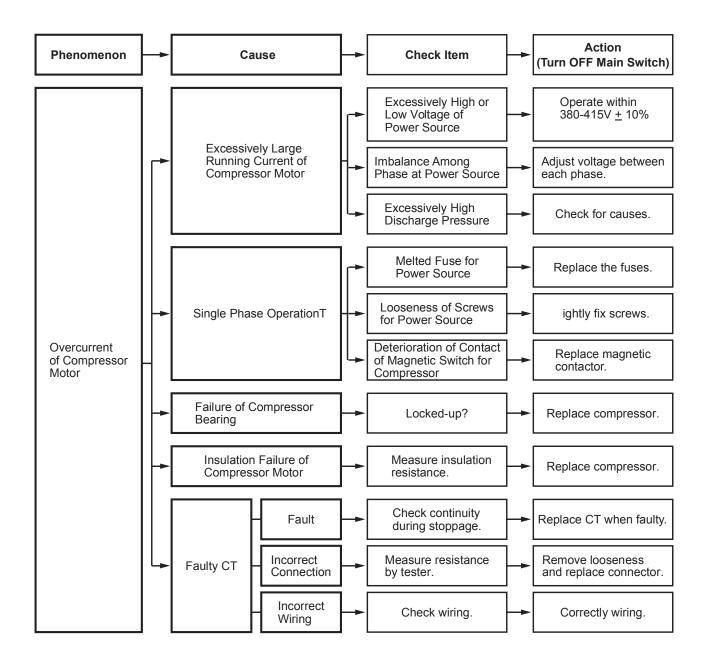
*1): Check wiring system connecting to PCN2 and PCN16 on PCB1.

| Alarm | רו ר |
|-------|------|
| Code | ד וב |

Abnormality of Running Current at Constant Speed Compressor

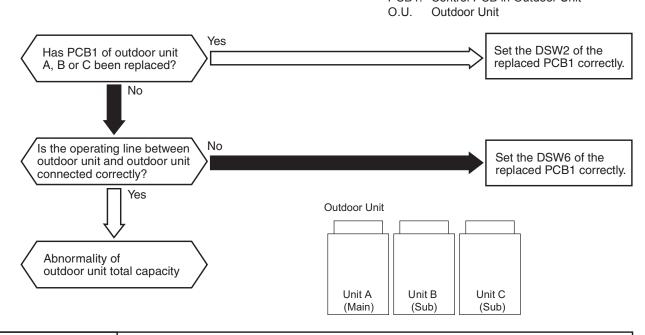
- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and the unit No. and alarm code are indicated on the display of the outdoor unit PCB1.
- ★ This alarm is indicated when the following conditions occurs;
- The running current of the constant speed compressor exceeds the value of overcurrent limitation during operating.
- The running current of the constant speed compressor is detected 0A and retry when 3 minutes are passed after all compressors are stopped, and this phenomenon occurs three times within 30 minutes.





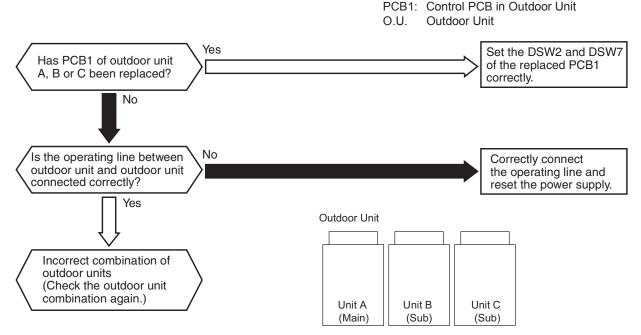
| Alarm Code | | Abnormality of Outdoor Unit Capacity |
|---------------|--|--------------------------------------|
|---------------|--|--------------------------------------|

- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and the unit No. and alarm code are indicated on the display of the outdoor unit PCB1.
- ★ This alarm is indicated when the total capacity of outdoor unit connected to O.U.~O.U. transmission terminal exceeds 54HP.
 PCB1: Control PCB in Outdoor Unit



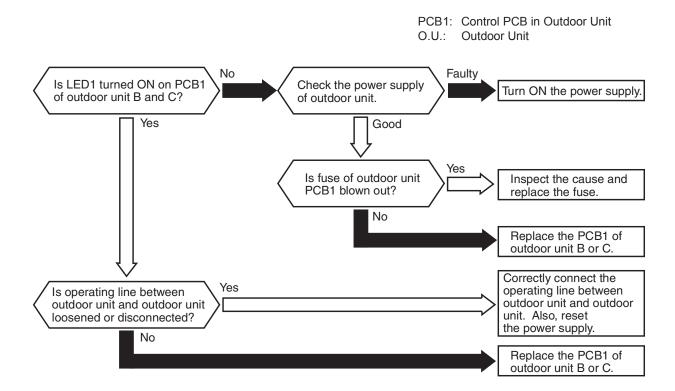
Alarm Incorrect Setting of Outdoor Unit Model Combination or Voltage 11 Code

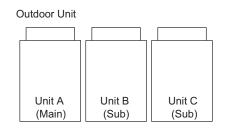
- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and the unit No. and alarm code are indicated on the display of the outdoor unit PCB1.
- ★ This alarm is indicated when the model setting for outdoor unit connected to O.U.~O.U. transmission terminal is incorrect.



| Alarm Code | ור ער | Abnormality Transmitting between Main Unit and Sub Unit(s) |
|---------------|----------|--|
|---------------|----------|--|

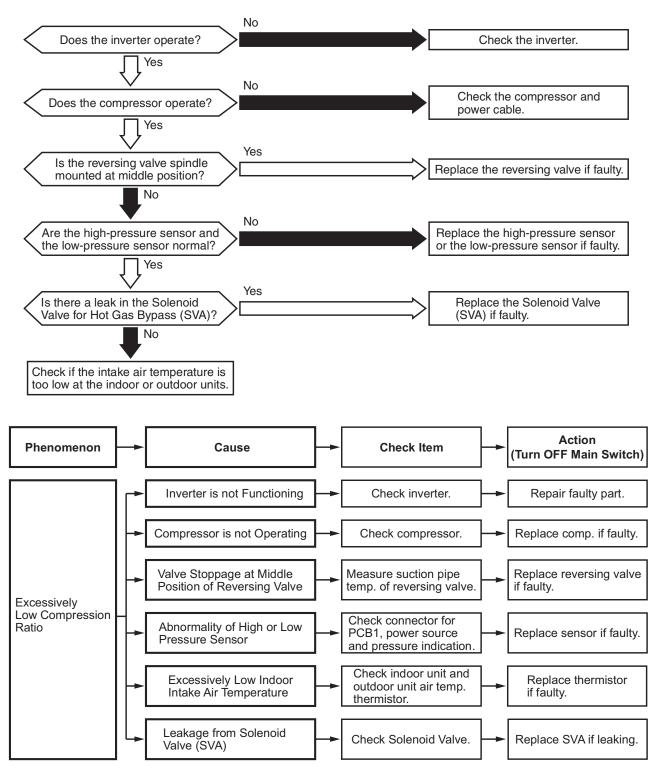
- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and the unit No. and alarm code are indicated on the display of the outdoor unit PCB1.
- ★ This alarm is indicated when transmission to outdoor unit B or C is NOT maintained for 30 seconds. (Alarm code "31" will be indicated when transmission to all the outdoor units connected to O.U.~O.U. transmission terminal is NOT maintained.)





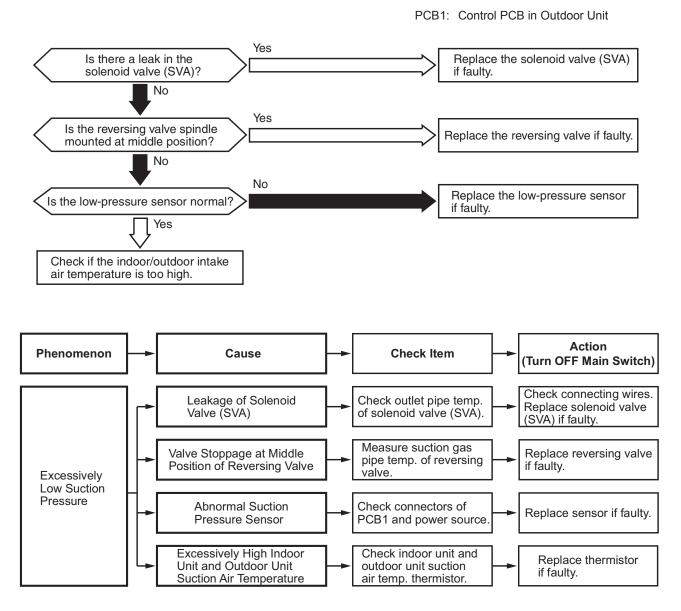
| Alarm | Activation of Low Compression Ratio Protection Device |
|-------|---|
|-------|---|

- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and the unit No. and alarm code are indicated on the display of the outdoor unit PCB1.
- ★ This alarm is indicated when a compression ratio, $\varepsilon = \{(Pd + 0.1) / (Ps + 0.06)\}$ is calculated from a discharge pressure (Pd MPa) and suction pressure (Ps MPa) and the condition lower than $\varepsilon < 1.8$ occurs more than three times (including three) in one hour.



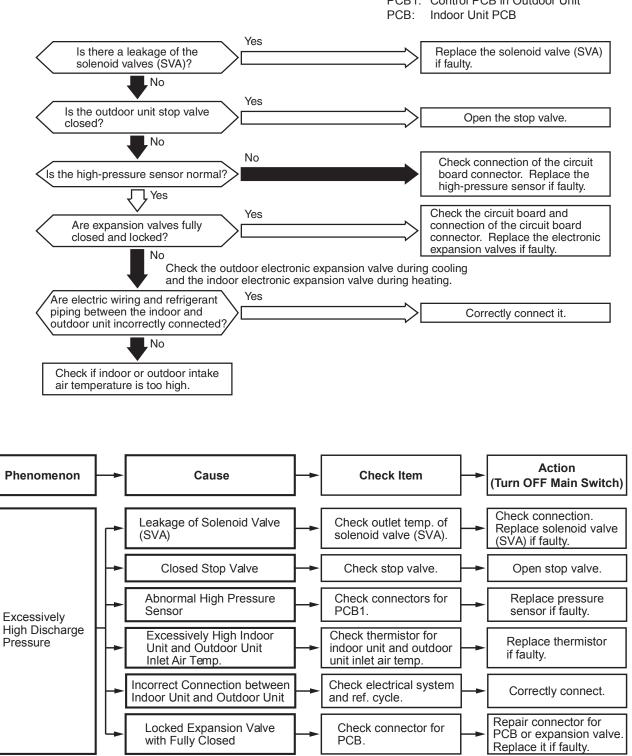
| Alarm Image: | |
|---|--|
|---|--|

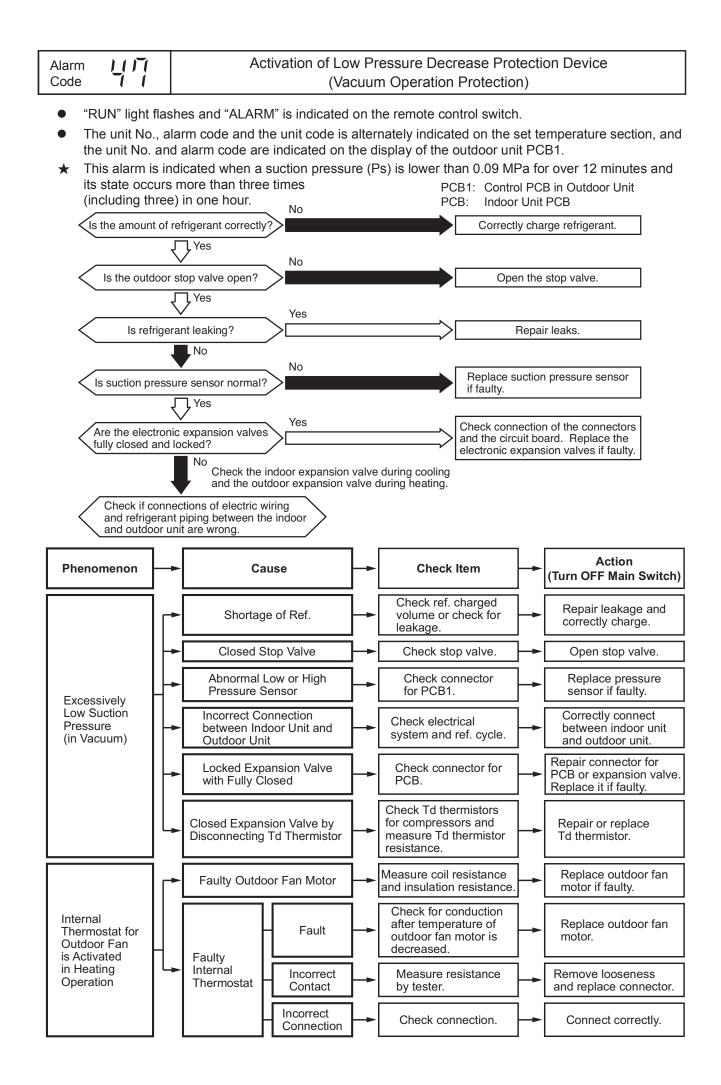
- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and the unit No. and alarm code are indicated on the display of the outdoor unit PCB1.
- ★ In case that compressor is operated under the condition that is higher than 1.4MPa of suction pressure (Ps) for 1 minute, all compressors are stopped and retry operation is started after 3 minutes. However this alarm is indicated when same phenomenon is occurred at two times within the next 30 minutes.



| Alarm Code Activation of High Pressure Increase Protection Device | |
|---|--|
|---|--|

- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and the unit No. and alarm code are indicated on the display of the outdoor unit PCB1.
- ★ In case that compressor is operated under the condition that is higher than 3.8MPa of discharge pressure (Pd) for 1 minute, all compressors are stopped and retry operation is started after 3 minutes. However this alarm is indicated when same phenomenon is occurred at two times within the next 30 minutes.
 PCB1: Control PCB in Outdoor Unit





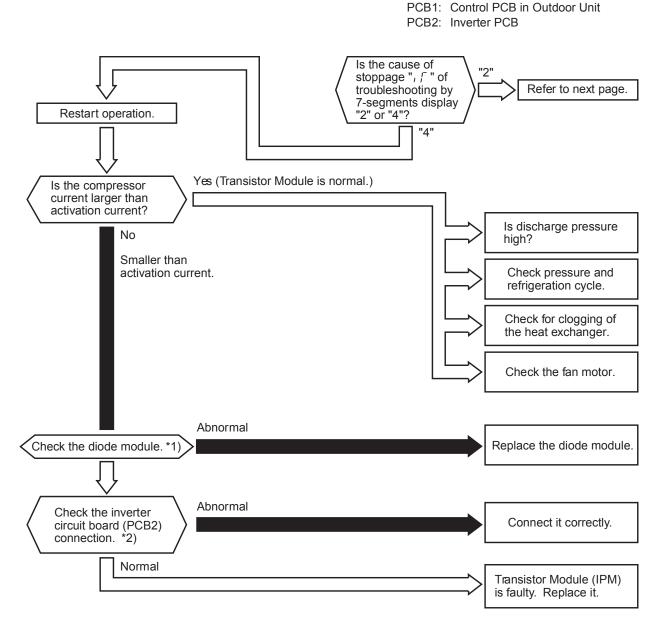
| Alarm | 1117 |
|-------|------|
| Code | 70 |

- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and the unit No. and alarm code are indicated on the display of the outdoor unit PCB1.
- ★ This alarm is indicated when inverter electronic thermal protection is activated at six times within 30 minutes. (Retry operation is performed up to the occurrence of five times.) Conditions of Activation:

Inverter current with 105% of the rated current runs for 30 seconds continuously.

or

Inverter current runs intermittently and the accumulated time reaches up to 3 minutes, in 10 minutes.



*1): Regarding replacing or the checking diode module, refer to the item 3.3 in *Troubleshooting*.

*2): Regarding replacing or checking method for inverter parts, refer to the item 3.3 in *Troubleshooting*.

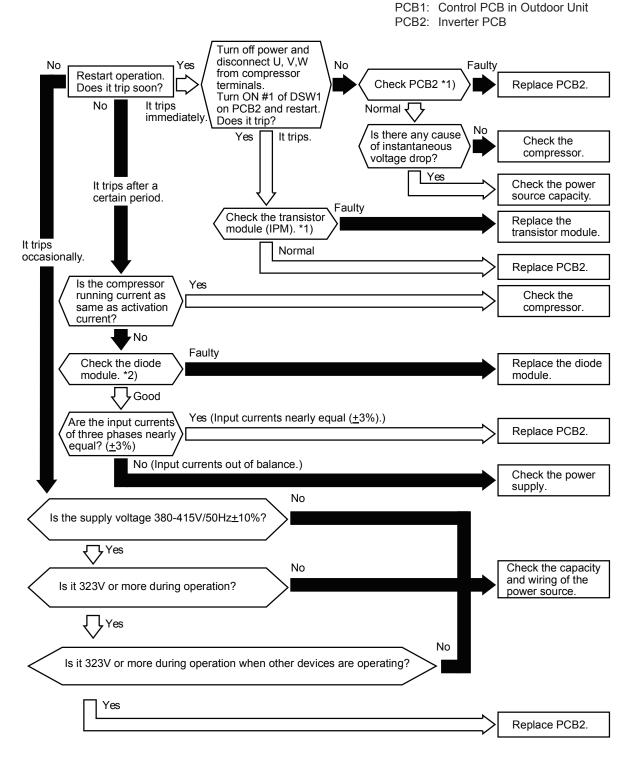
| Alarm | |
|-------|----|
| Code | 70 |

Activation of Inverter Overcurrent Protection Device (2)

- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and the unit No. and alarm code are indicated on the display of the outdoor unit PCB1.

 This alarm is indicated when instantaneous overcurrent occurs at six times within 30 minutes. (Retry operation is performed up to the occurrence of five times.)

Conditions of Activation: Inverter current with 150% of the rated current

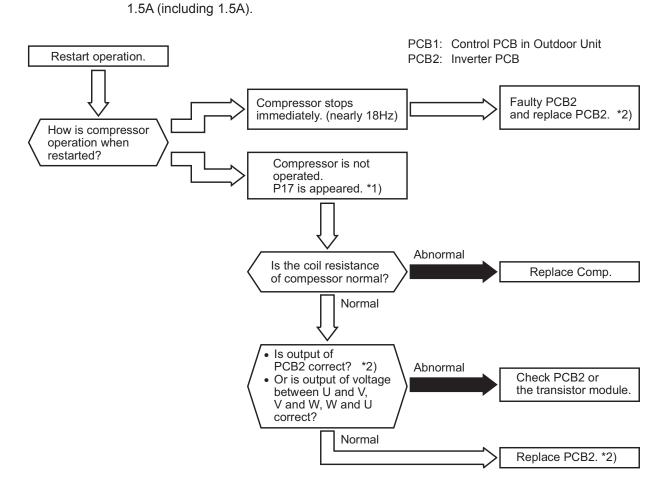


*1): Perform electrical discharge when replacing or the checking for inverter parts by referring to the item 3.3 in *Troubleshooting*.

^{*2):} Before checking of diode module, refer to the item 3.3 in *Troubleshooting*.

| Alarm Code | | Abnormality of Inverter Current Sensor |
|---------------|--|--|
|---------------|--|--|

- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and the unit No. and alarm code are indicated on the display of the outdoor unit PCB1.
- ★ In case that the abnormality of current transformer (0A detecting) occurs three times within 30 minutes, this alarm is indicated at the third time. (Retry operation is performed up to second time of abnormality occurrence.)
 Condition of Activation: When the frequency of compressor is maintained at 15 to 18Hz after compressor is started, one of the absolute value of running current detected by the current transformer at each phase U+, U-, V+ and V- is less than



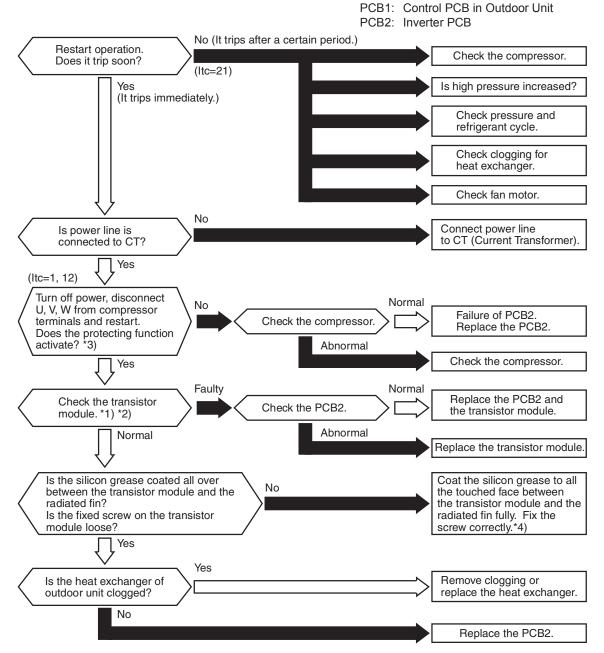
- *1): P17 is shown at 7-segment on the outdoor unit PCB1.
- *2): Perform the high voltage discharge work by referring to the item 3.3 in *Troubleshooting* before checking and replacing the inverter parts.

| Alarm Code | | Inverter Error Signal Detection |
|---------------|--|---------------------------------|
|---------------|--|---------------------------------|

- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and the unit No. and alarm code are indicated on the display of the outdoor unit PCB1.

★ IPM (Transistor Module) has detecting function of abnormality. This alarm is indicated when the transistor module detects the abnormality seven times in 30 minutes. (Retry operation is performed up to the occurrence of six times.) Conditions of Activation:

Abnormal Current to the Transistor Module such as Short Circuited or Grounded or Abnormal Temperature of the Transistor Module or Control Voltage Decrease



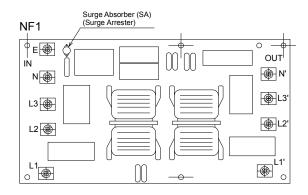
- *1): Perform electrical discharge when replacing or checking inverter parts by referring to the item 3.3 in *Troubleshooting*.
- *2): Regarding checking method of transistor module, refer to the item 3.3 in *Troubleshooting*.
- *3): Turn ON the No.1 switch of the dip switch DSW1 on PCB2 when restarting with disconnecting the terminals of the compressor. After troubleshooting, turn OFF the No.1 switch of the dip switch DSW1 on PCB2.
- *4): Use the silicon grease provided as accessory.

NOTE:

When the unit is applied the excessive surge current due to lighting or other causes, this alarm code "53" or the inverter stoppage code (IT) "11" will be indicated and the unit can not be operated. In this case, check to ensure the surge absorber/surge arrester (SA) on the noise filter (NF1). The surge absorber may be damaged if the inner surface of the surge absorber is black. In that case, replace the surge absorber.

If the inside of the surge absorber is normal, turn OFF the power once and wait for PCB2's LED201 (red) OFF (approx. 5 min.) and turn ON again.

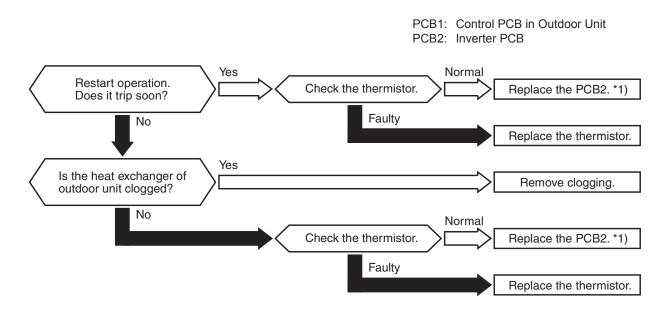
< Position of Surge Absorber >



- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and the unit No. and alarm code are indicated on the display of the outdoor unit PCB1.
- ★ In case that the abnormality of inverter fin temperature occurs three times within 30 minutes, this alarm is indicated at the third time.

(Retry operation is performed up to second time of abnormality occurrence.)

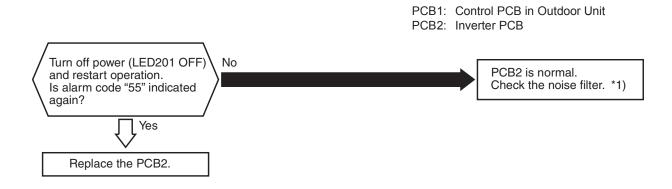
Conditions of Activation: This alarm is indicated when the temperature of the inverter fin thermistor for Transistor Module is higher than 90°C.



*1): Perform electrical discharge when replacing or checking inverter parts by referring to the item 3.3 in *Troubleshooting*.

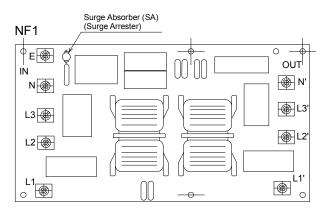
- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and the unit No. and alarm code are indicated on the display of the outdoor unit PCB1.

 ★ This alarm is indicated when the following phenomenon occurs three times in 30 minutes. (Retry operation is performed up to the occurrence of two times.)
 Actual frequency from PCB2 is less than 10Hz (after inverter frequency output from PCB1). Conditions of Activation: This alarm is indicated when PCB2 is not performed normally.

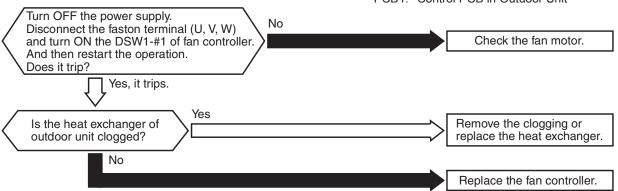


*1): When the unit is applied the excessive surge current due to lighting or other causes, this alarm code "55" or the inverter stoppage code (IT) "11" will be indicated and the unit can not be operated. In this case, check to ensure the surge absorber/surge arrester (SA) on the noise filter (NF1). The surge absorber may be damaged if the inner surface of the surge absorber is black. In that case, replace the surge absorber. If the inside of the surge absorber is normal, turn OFF the power once and wait for PCB2's LED201 (red) OFF (approx. 5 min.) and turn ON again.

< Position of Surge Absorber >



- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and the unit No. and alarm code are indicated on the display of the outdoor unit PCB1.
- ★ IPM (Transistor Module) has detecting function of abnormality. This alarm is indicated when the abnormality is detected ten times within 30 minutes. (Retry operation is performed up to the occurrence of nine times.) Conditions of Activation: Abnormal Current to the Transistor Module such as Short Circuited or Grounded or Overcurrent or Control Voltage Decrease
 PCB1: Control PCB in Outdoor Unit

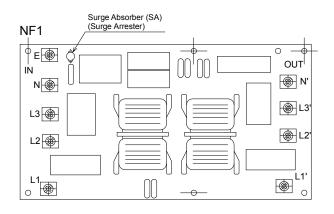


NOTE:

When the unit is applied the excessive surge current due to lighting or other causes, this alarm code "57" or the inverter stoppage code (IT) "11" will be indicated and the unit can not be operated. In this case, check to ensure the surge absorber/surge arrester (SA) on the noise filter (NF1). The surge absorber may be damaged if the inner surface of the surge absorber is black. In that case, replace the surge absorber.

If the inside of the surge absorber is normal, turn OFF the power once and wait for PCB2's LED201 (red) OFF (approx. 5 min.) and turn ON again.

< Position of Surge Absorber >



| Alarm Code | | Abnormality of Fan Controller Fin Temperature |
|---------------|--|---|
|---------------|--|---|

- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and the unit No. and alarm code are indicated on the display of the outdoor unit PCB1.
- This alarm is indicated when the abnormality of fin temperature occurs ten times within 30 minutes. (Retry operation is performed up to the occurrence of nine times.)
 Conditions of Activation: This alarm is indicated when the thermistor temperature inside the transistor module exceeds 100°C.

PCB1: Control PCB in Outdoor Unit Yes Restart operation. Replace the fan controller. Does it trip soon? No Coat the silicon grease to all No Is the silicon grease coated all over the touched face between between the transistor module and the the transistor module and the radiated fin? radiated fin fully. *1) Yes Yes Is the heat exchanger of Remove clogging. outdoor unit clogged? No Failure of fan controller. Replace the fan controller.

*1): Use the silicon grease provided as accessory.

| Alarm | ſ |
|-------|---|
| Code | |

- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and the unit No. and alarm code are indicated on the display of the outdoor unit PCB1.
- ★ This alarm is indicated when fan controller electronic thermal protection is activated at ten times within 30 minutes.

(Retry operation is performed up to the occurrence of nine times.)

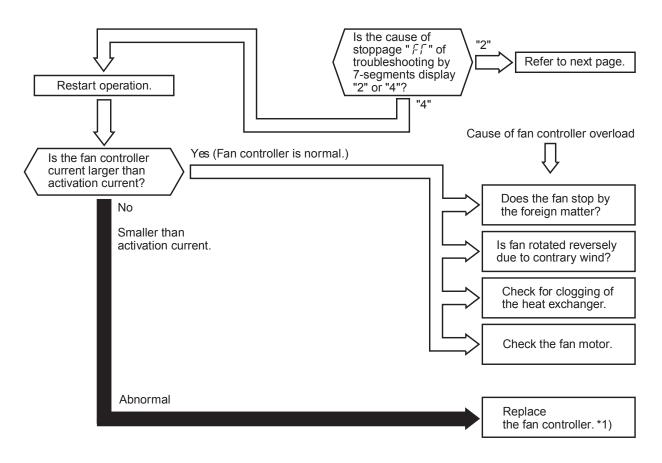
Conditions of Activation:

门

Electric current with 105% of the rated current runs for 30 seconds continuously. or

Electric current runs intermittently and the accumulated time reaches up to 3 minutes, in 10 minutes.

PCB1: Control PCB in Outdoor Unit

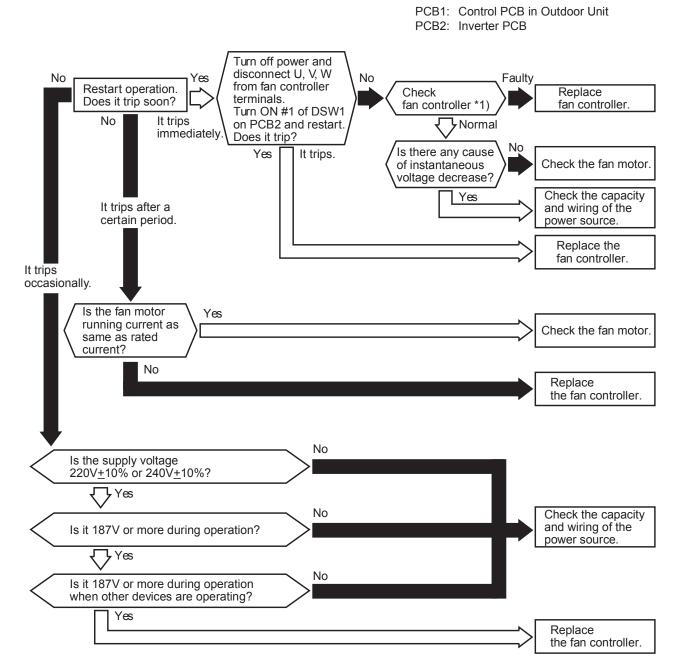


*1): Perform electrical discharge when replacing or checking fan controller by referring to the item 3.3 in *Troubleshooting*.

| Alarm Code | | Activation of Fan Controller Overcurrent Protection Device (2) |
|---------------|--|--|
|---------------|--|--|

- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and the unit No. and alarm code are indicated on the display of the outdoor unit PCB1.
- ★ This alarm is indicated when instantaneous overcurrent occurs at ten times within 30 minutes. (Retry operation is performed up to the occurrence of nine times.)

Conditions of Activation: Fan controller current with 150% of the rated current.



*1): Perform electrical discharge when checking or replacing fan controller by referring to the item 3.3 *in Troubleshooting.*

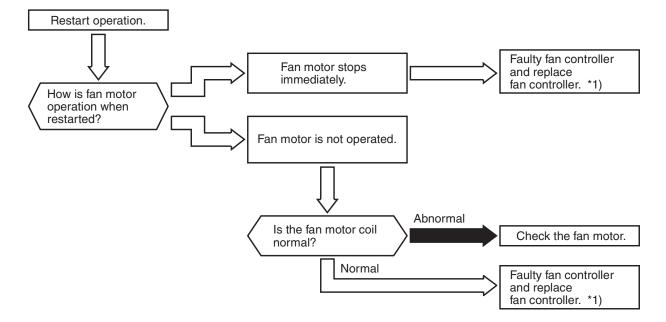
| Alarm | , - , - |
|-------|-----------------------|
| Code | コレ |

Abnormality of Fan Controller Sensor

★ Conditions of Activation:

This alarm is indicated when the following condition occurs.

- After fan motor operation is started, fan controller current does NOT exceed 1.5A.
- Before fan motor operation is started, fan controller peak current does NOT exceed 4A.



*1): Perform electrical discharge when checking or replacing fan controller by referring to the item 3.3 *in Troubleshooting.*

| Alarm I Code I Code I Compressor Protection Alarm |
|---|
|---|

★ This alarm code appears when one of the following alarms occurs three times within 6 hours, which may result in serious compressor damages, if the outdoor unit is continuously operated without removing the cause.

| Alarm Code: | Content of Abnormality |
|-------------|---|
| 02 | Activation of Protection Device (High Pressure Cut) |
| 07 | Decrease in Discharge Gas Superheat |
| 08 | Increase in Discharge Gas Temperature |
| 39 | Abnormality of Running Current at Constant Speed Compressor |
| 43 | Activation of Low Compression Ratio Protection Device |
| 44 | Activation of Low Pressure Increase Protection Device |
| 45 | Activation of High Pressure Increase Protection Device |
| 47 | Activation of Low Pressure Decrease Protection Device (Vacuum Operation Protection) |

These alarms are able to be checked by the CHECK Mode 1. Follow the action indicated in each alarm chart.

These alarms are cleared only by turning OFF the main power switch to the system. However, careful attention is required before starting, since there is a possibility which will result in serious damages to the compressors.

| Alarm | | 1 |
|-------|---|---|
| Code | 匚 | 1 |

Incorrect Setting of Unit and Refrigerant Cycle No.

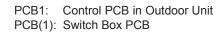
- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and alarm code is indicated on the display of the outdoor unit PCB.
- ★ This alarm is indicated under the following conditions. Turn off the power source and check for DSW and RSW settings.

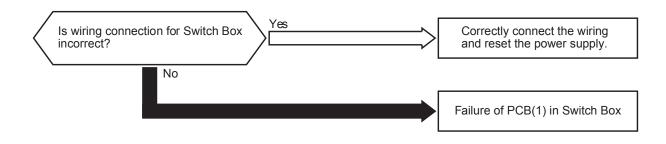
| Conditions | Action |
|--|--|
| Unit No. (DSW6 and RSW1) or Refrigerant Cycle No. (DSW5 and RSW2) are set above "64". Or, more than 2 pins are set at DSW5 and DSW6. | Set Unit No. and Refrigerant Cycle No. below "63". |

- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and the unit No. and alarm code is indicated on the display of the outdoor unit PCB1. ("35" is indicated on the display of the remote control switch.)

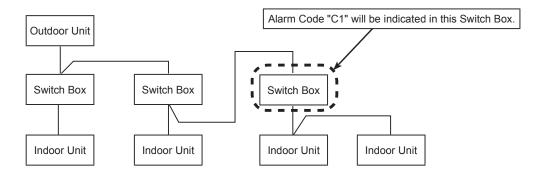
| Alarm Code | | Incorrect Indoor Unit Connection (Switch Box) |
|---------------|--|---|
|---------------|--|---|

- "RUN" light flashes and "ALARM" is indicated on the remote control switch.
- The unit No., alarm code and the unit code is alternately indicated on the set temperature section, and the unit No. and alarm code are indicated on the display of the outdoor unit PCB1.
- ★ <Heat Recovery System> This alarm is indicated when two or more Switch Boxes are connected between outdoor unit and indoor unit.





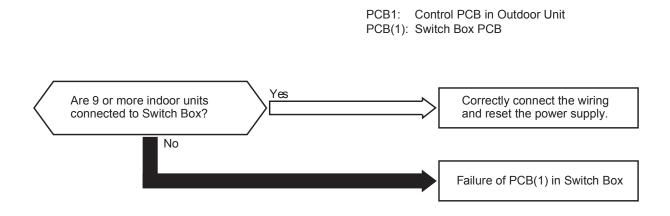
• Alarm Code "C1" will be indicated when the units are connected as follows.



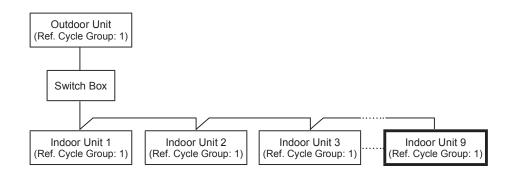
| Alarm | ر –ر |
|-------|-----------------|
| Code | トレ |

Incorrect Indoor Unit Connection No. Setting (Switch Box)

- The unit No., alarm code ("35") and the unit code is alternately indicated on the set temperature section of indoor unit connected to Switch Box.
- LED (LED4, 5, 6) on PCB(1) in Switch Box flashes.
- ★ <Heat Recovery System> This alarm is indicated when nine or more indoor units are connected to Switch Box.

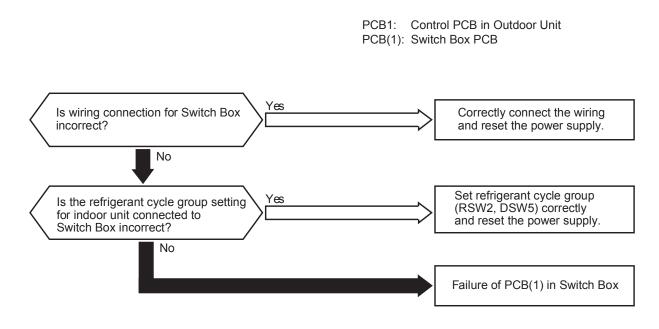


• Alarm Code "C2" will be indicated when the units are connected as follows.

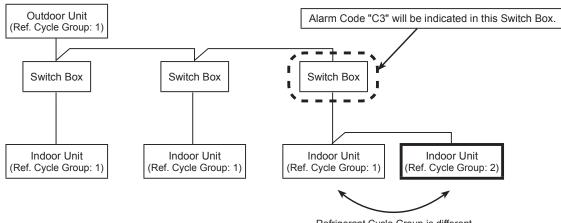


| Alarr Code | | | Incorrect Indoor Unit Connection (Switch Box) |
|---------------|--|--|---|
|---------------|--|--|---|

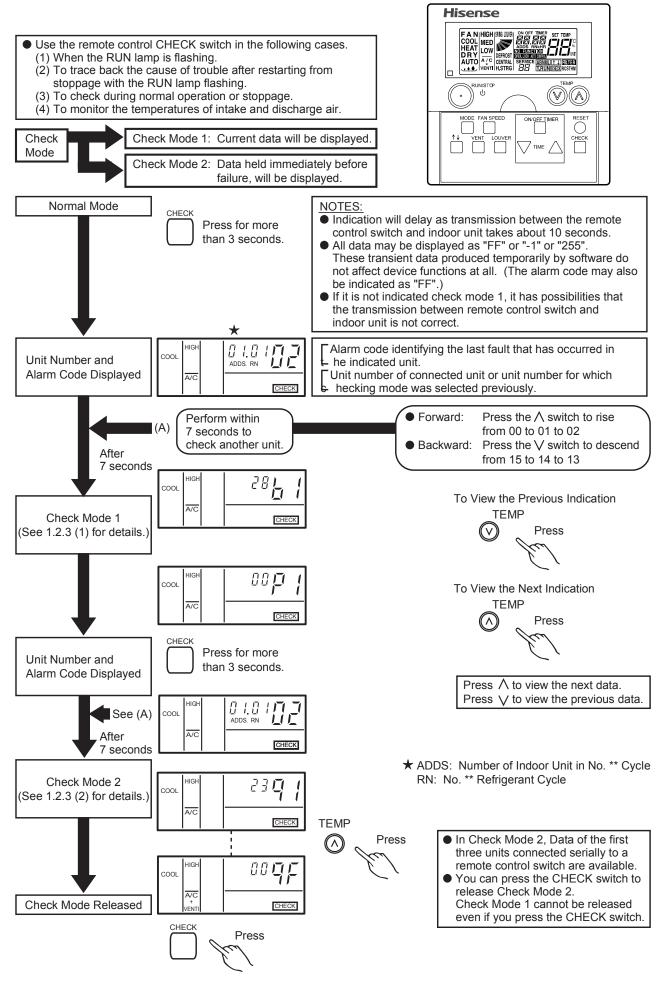
- The unit No., alarm code ("35") and the unit code is alternately indicated on the set temperature section of indoor unit connected to Switch Box.
- LED (LED5, 6) on PCB(1) in Switch Box flashes.
- ★ <Heat Recovery System> This alarm is indicated when indoor unit with different refrigerant cycle group is connected to Switch Box.



• Alarm Code "C3" will be indicated when the units are connected as follows.



Refrigerant Cycle Group is different.

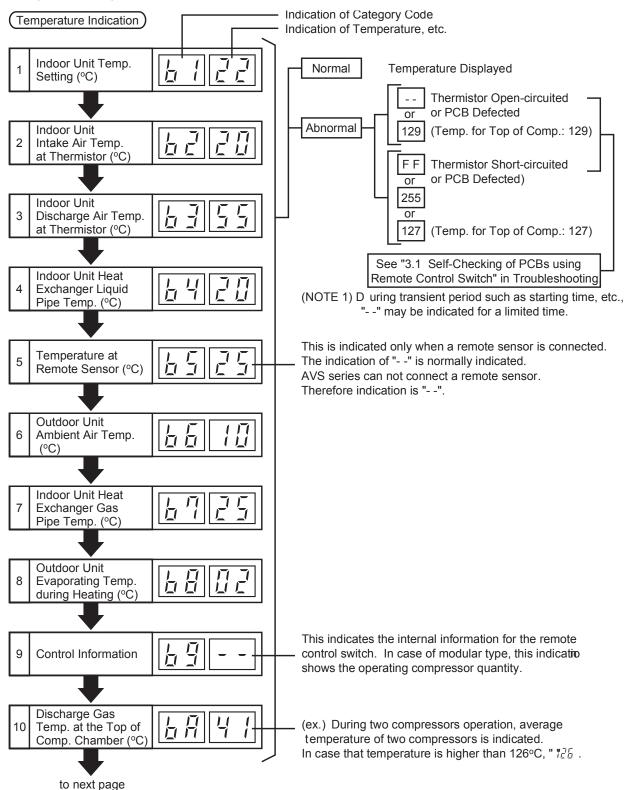


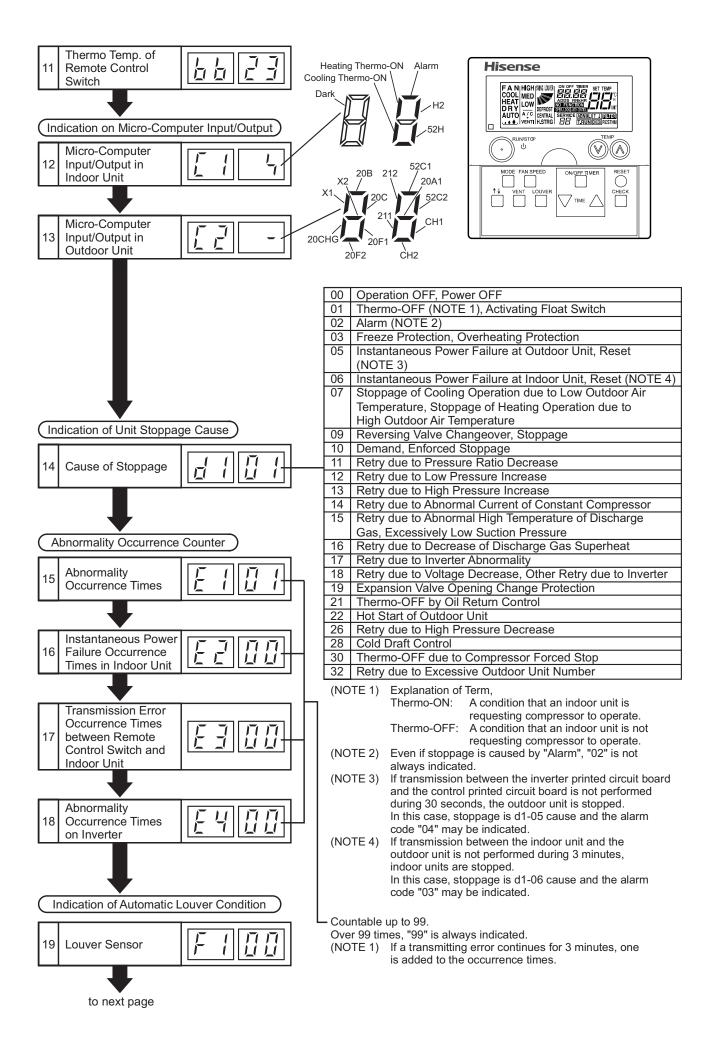
Although the wireless remote controller is used for wall type indoor unit with built-in receiver part, the alarm code can be checked by connecting wired controller to the connector of the unit and pressing the operation switch.

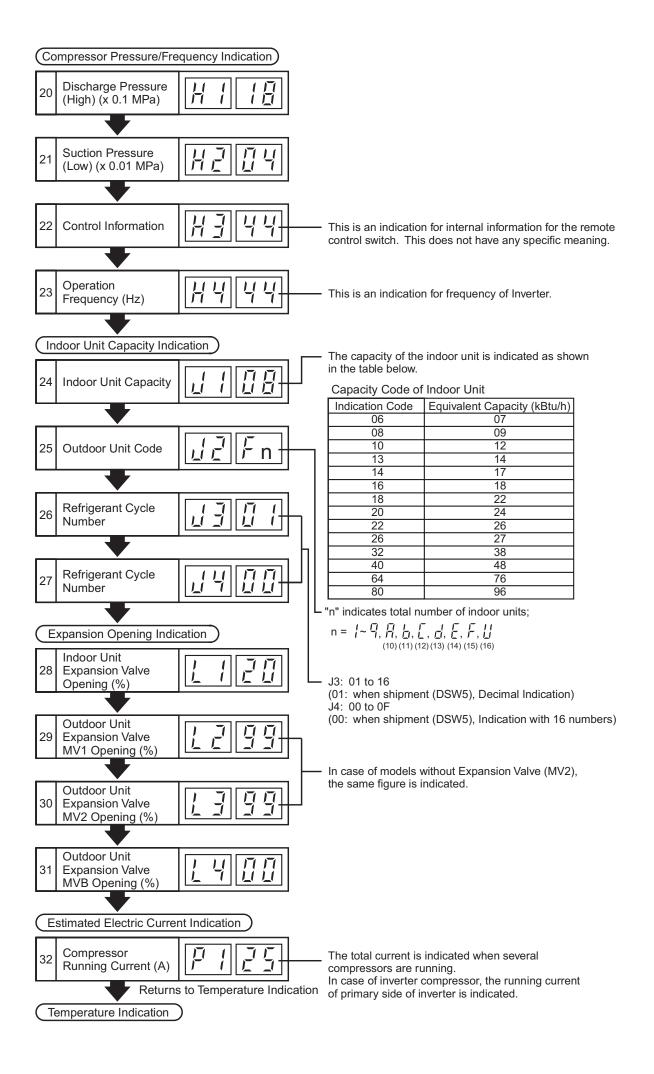
NOTES:

- 1. The unit is not operated by pressing operation switch.
- 2. The above function is available only when alarm occurs.
- 3. The PCB check by remote controller is not available.
- 4. The indication is the data when connecting wired controller, not the data before the alarm occurs.
- (1) Contents of Check Mode 1

The next indication is shown by pressing the \land part of "TEMP" switch. If the \lor part of "TEMP" switch is pressed the previous indication is shown.



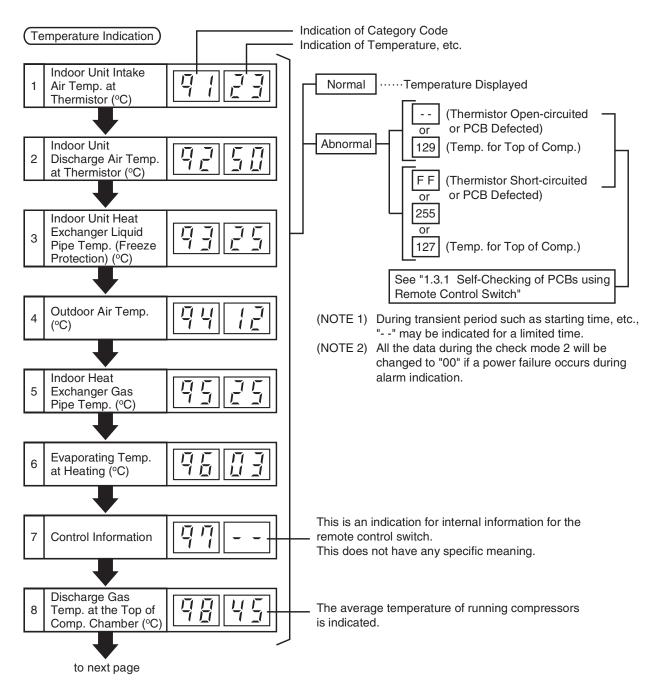


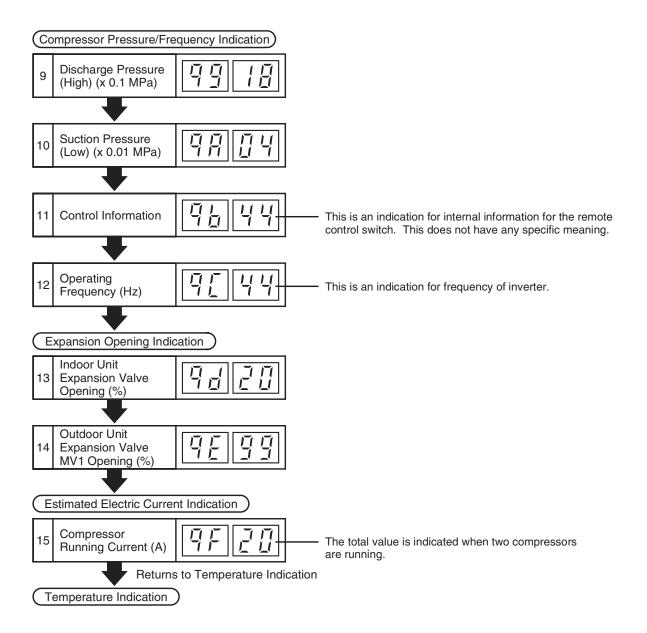


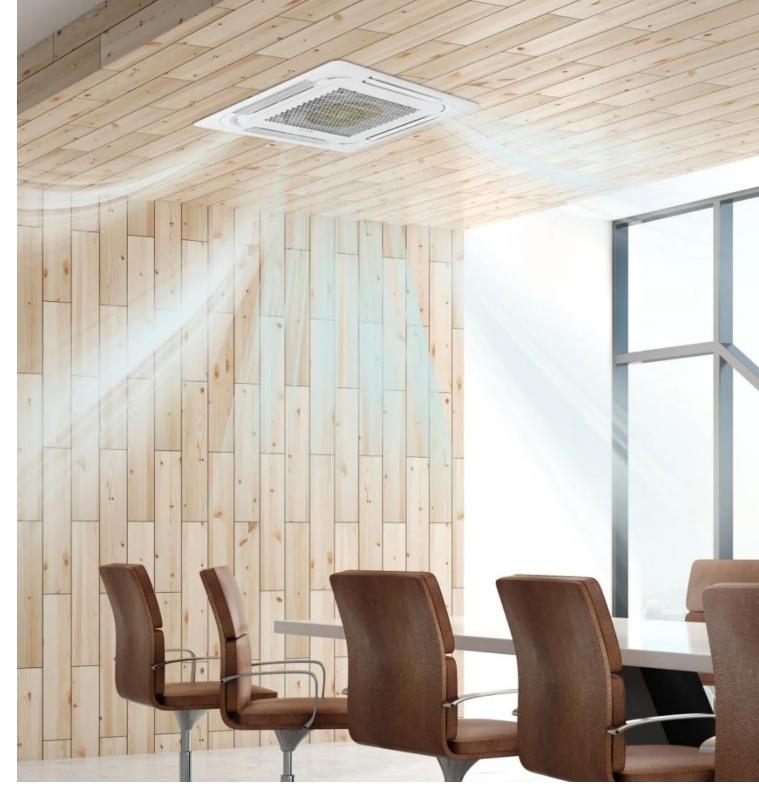
(2) Contents of Check Mode 2

The latest data of the first three indoor units only connected serially are indicated when more than three indoor units are connected to one remote control switch.

By pressing the \land part of "TEMP" switch, the next display is indicated, If the \lor part of "TEMP" switch is pressed, the previous display is indicated.











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