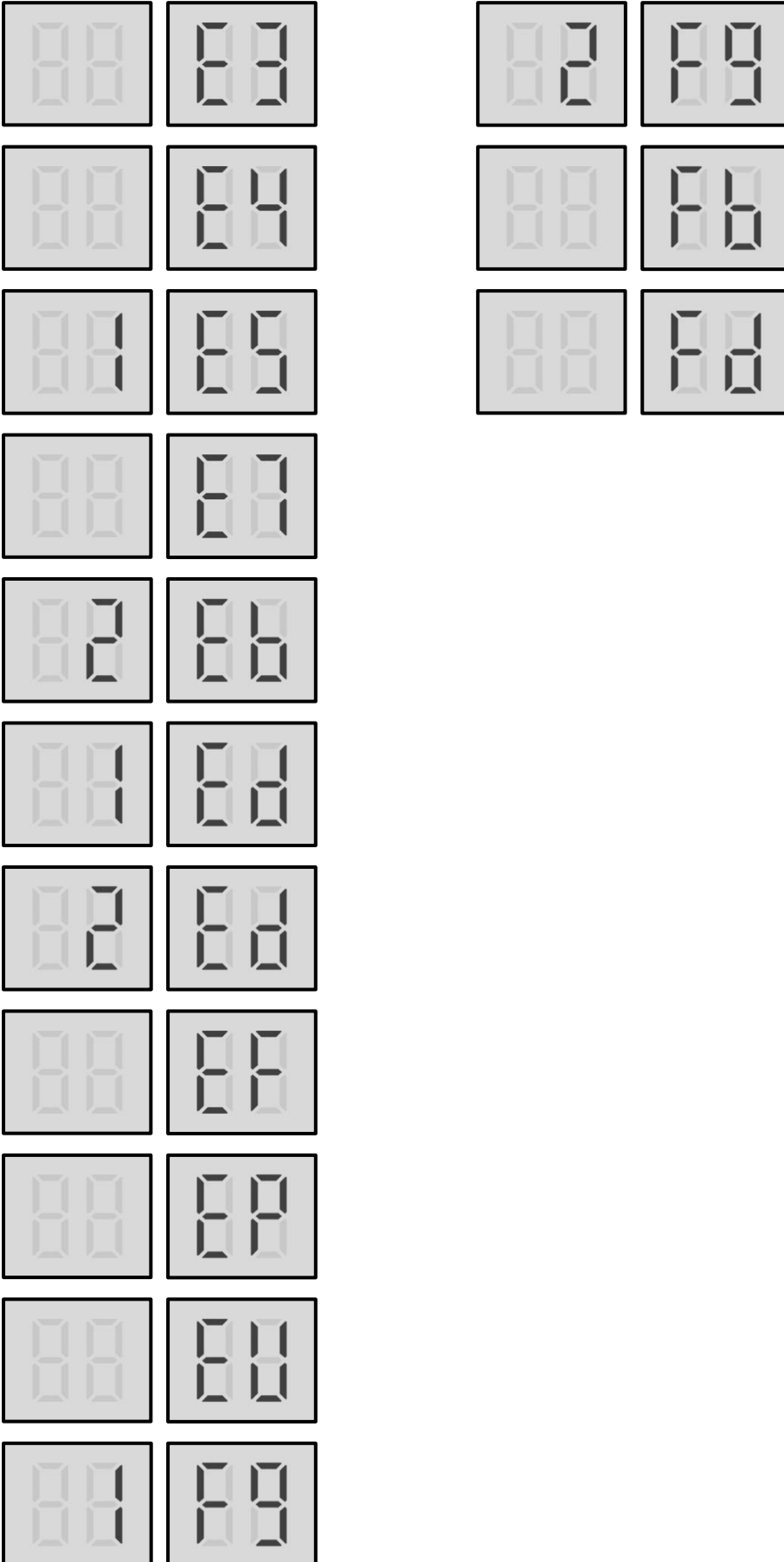


E3, E4, E5, E7, Eb, Ed, EF, EP, EU, F9,Fb, Fd Troubleshooting

1 Digital display output



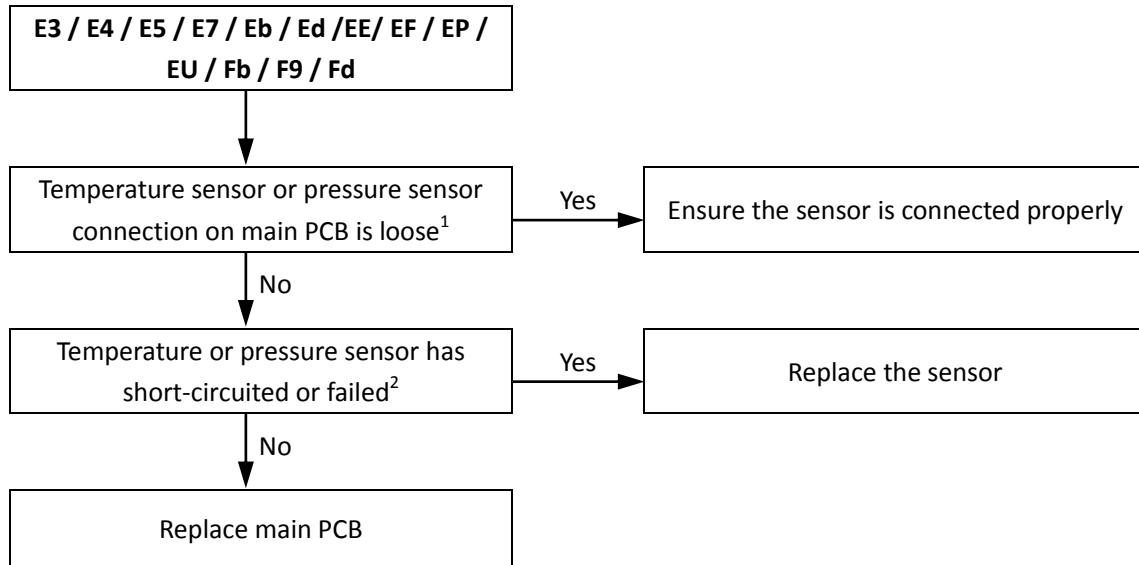
2 Description

- E3 indicates a combined water outlet temperature sensor error.
- E4 indicates a water outlet temperature sensor error.
- 1E5 indicates an air side heat exchanger refrigerant outlet temperature sensor T3A error.
- E7 indicates an outdoor ambient temperature sensor error.
- 2Eb indicates a water side heat exchanger anti-freezing temperature sensor Taf2 error.
- 1Ed indicates a discharge pipe temperature sensor of system A error.
- 2Ed indicates a discharge pipe temperature sensor of system B error.
- EF indicates a water inlet temperature sensor error.
- EP indicates a discharge pipe temperature sensor failure alarm.
- EU indicates an air side heat exchanger refrigerant total outlet temperature sensor Tz/7 error.
- 1F9 indicates inverter module temperature sensor(Tfin1) error.
- 2F9 indicates inverter module temperature sensor(Tfin2) error.
- Fb indicates a pressure sensor error.
- Fd indicates an air suction temperature sensor error.
- All stop running.
- Error code is displayed on main PCB and user interface.

3 Possible causes

- Temperature sensor or pressure sensor are not connected properly or malfunctioned.
- Damaged main PCB.

4 Procedure



Notes:

1. For 30kW and 60kW units, all the sensors are connected to port CN1, CN16, CN31, CN3, CN10 and CN69 on the main PCB.
2. Measure sensor resistance. If the resistance is too low, the sensor has short-circuited. If the resistance is not consistent with the sensor's resistance characteristics table, the sensor has failed. Refer to "Temperature Sensor Resistance Characteristics".