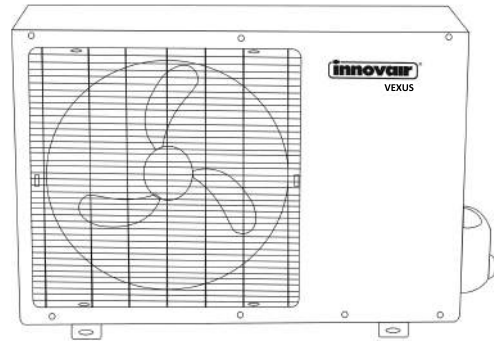
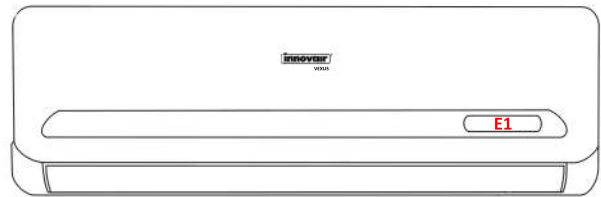




# VEXUS

# TROUBLESHOOTING GUIDE



EV10C2DB6 / H10C2MR63

EV13C2DB6 / H13C2MR63

EV18C2DB6 / H18C2MR63

EV24C2DB6 / H24C2MR63

## MINI SPLIT SYSTEM

# Troubleshooting

## Indoor unit error display

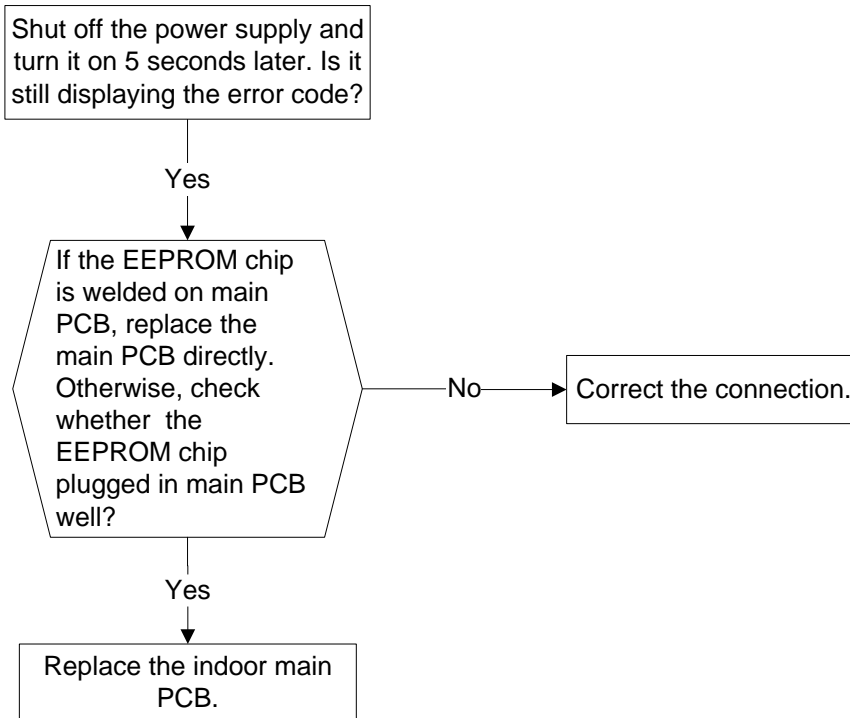
Display	Operation lamp flash times	Timer lamp	Failure
E1	1	X	EEPROM error
E2	2	X	Zero crossing signal detection error
E3	3	X	Indoor fan speed has been out of control
E5	5	X	Indoor room temperature sensor T1 open circuit or short circuit
E6	6	X	Evaporator coil temperature sensor T2 open circuit or short circuit
EC	2	O	Refrigerant leak detection error

O (light)    X (off)    ☆ (flash)

## Diagnosis and Solution

### E1

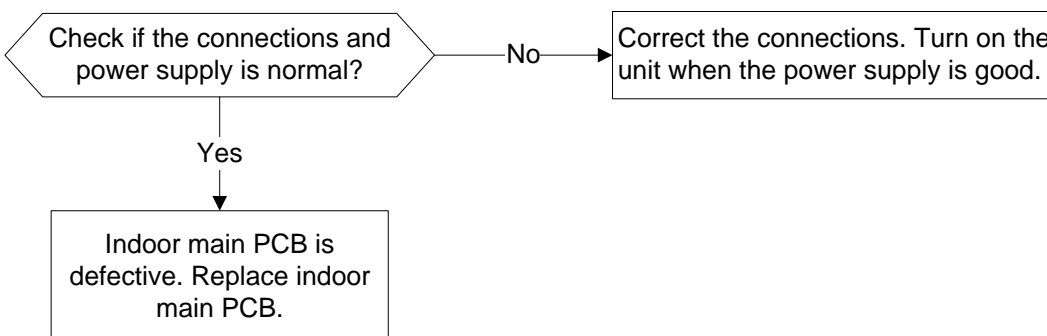
#### EEPROM parameter error diagnosis and solution



EEPROM: a read-only memory whose contents can be erased and reprogrammed using a pulsed voltage.

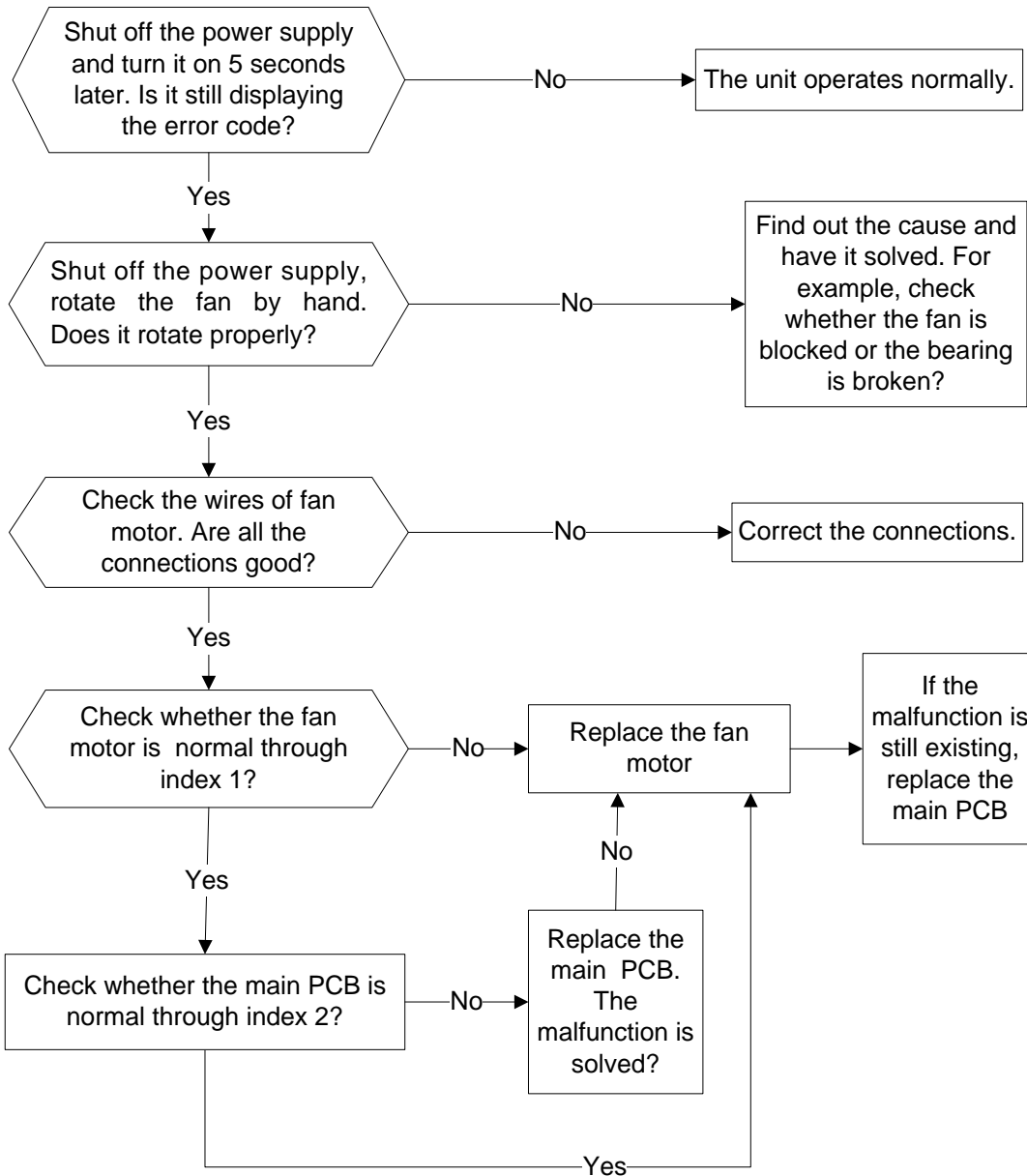
### E2

#### Zero crossing signal detection error diagnosis and solution



**E3**

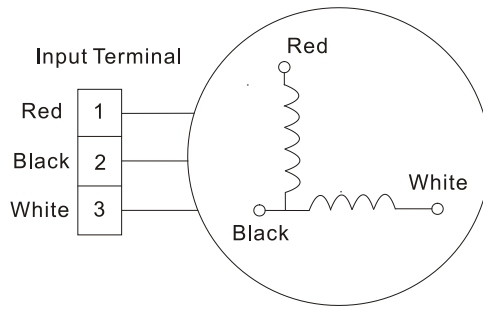
**Indoor fan speed has been out of control diagnosis and solution**



Index 1:

1. Indoor AC Fan Motor

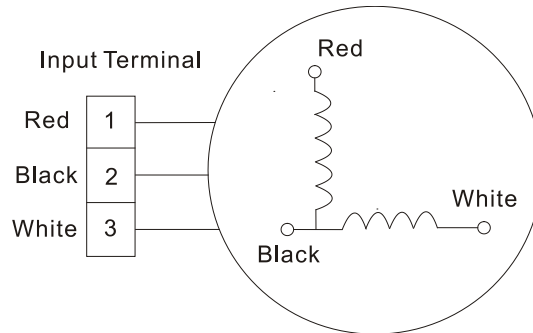
Measure the resistance value of each winding by using the tester.



Index2:

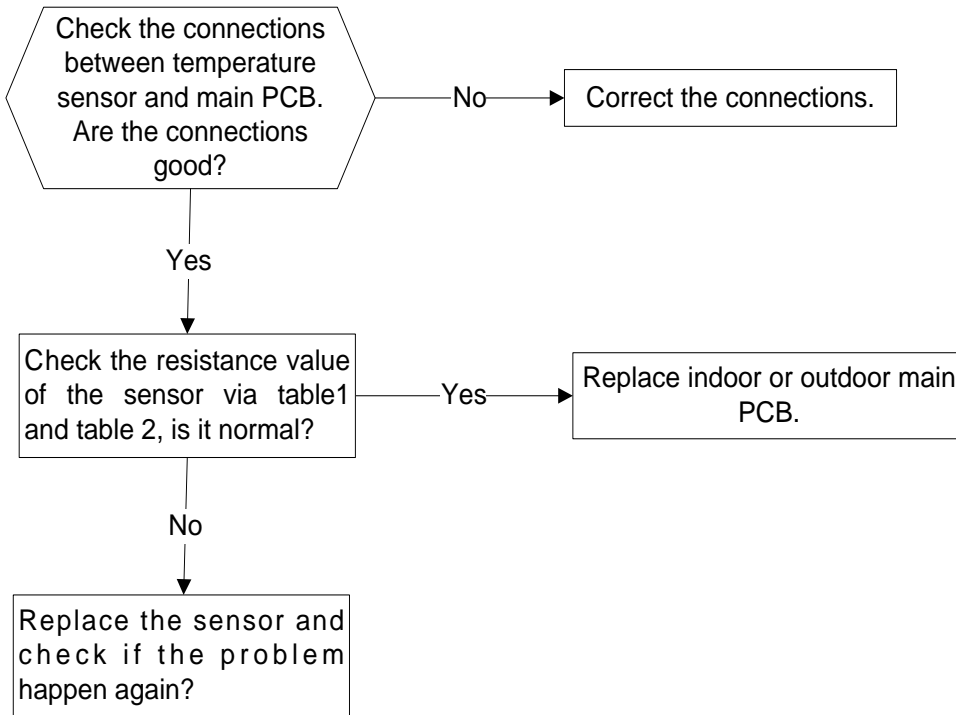
1: Indoor AC Fan Motor

Power on and set the unit running in fan mode at high fan speed. After running for 15 seconds, measure the voltage of pin1 and pin2. If the value of the voltage is less than 100V(208~240V power supply)or 50V(115V power supply), the PCB must has problems and need to be replaced.

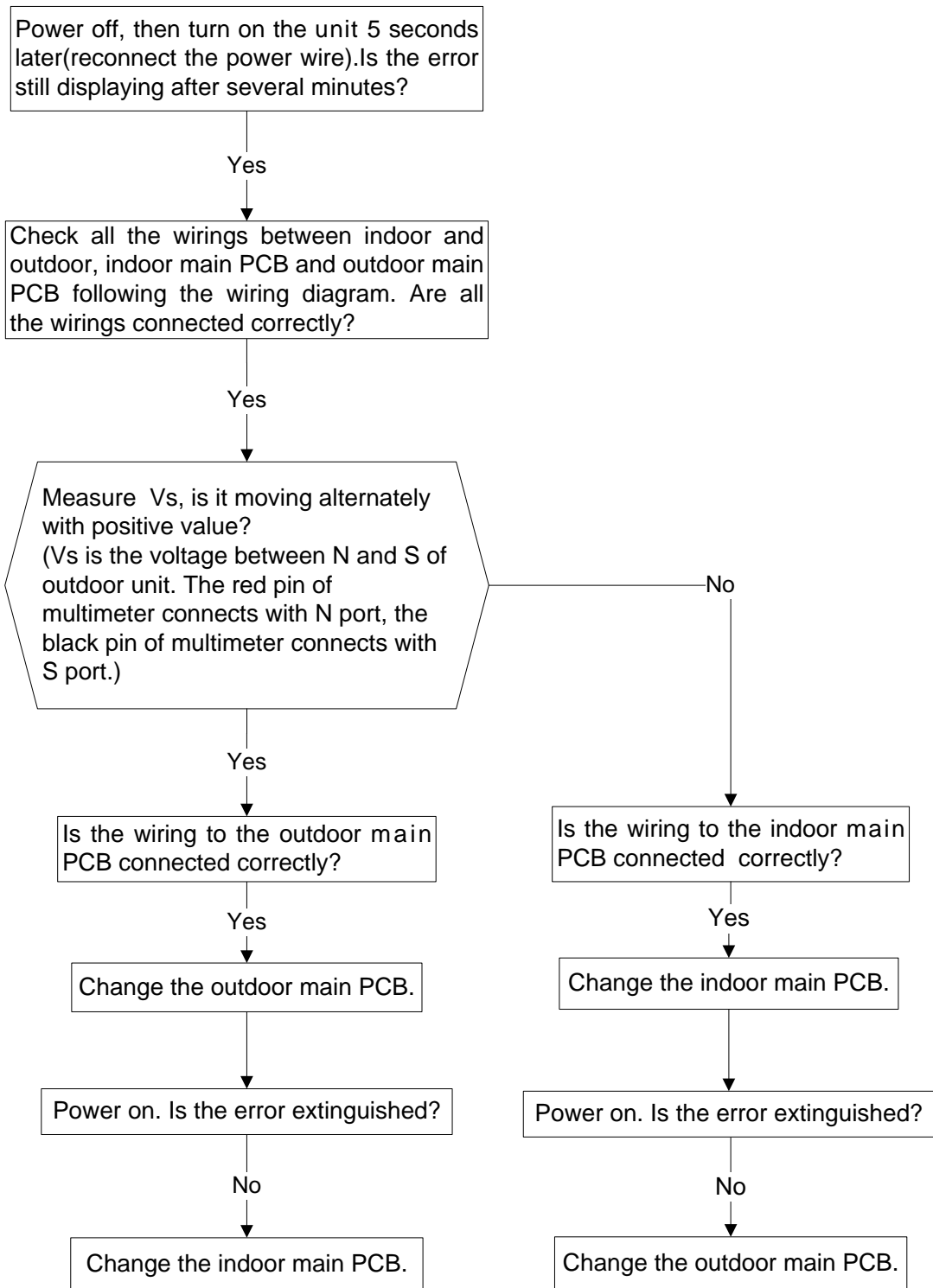


**E5 / E6**

**Open circuit or short circuit of temperature sensor diagnosis and solution**



### Indoor / outdoor unit's communication error diagnosis and solution



**EC**

**Refrigerant Leakage Detection diagnosis and solution**

