EU3-T03 Manual

☞ Main Function and Technique Index

Main Function:

☞ **Refrigeration Controlling:** temperature display, temperature sensor error alarm.

Main Technique Index:

🝡 **Temperature display range:** -50～150℃（The resolution is 0.1℃）
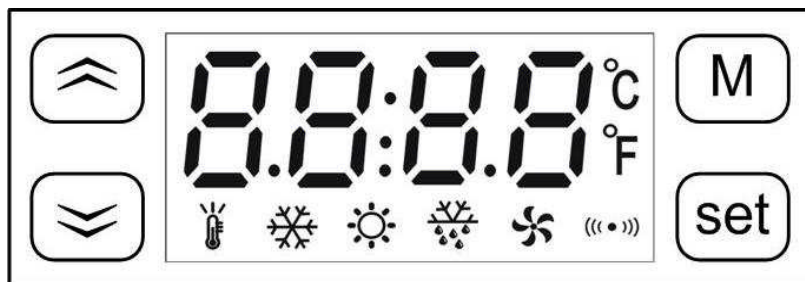
-58～302℉（The resolution is 0.1℉）

🝡 **Power supply:** AC 220V±10% or AC 380V±10% 50Hz (Refer to the wiring diagram)

🝡 **Operating environment:** temperature -10℃～50℃, humidity≤85%.

🝡 **Temperature sensor:** NTC R25=5kΩ, B (25/50) =3470K

📖 Operating Guide

Panel:

☝ *What's the meaning of the index lights on the panel?*

The function of the LED on the panel is showing below:

Index Light	Name	Light	Flash
🌡	-	-	-
❄	-	-	-
☼	-	-	-
❄	-	-	-
❅	-	-	-
(((•)))	Alarm	-	Alarm state

☝ *The meaning of the LED display*

The LED usually shows temperature, if it shows "SHr", it means the temperature sensor is short, and "OPE" means the temperature sensor is open.

The code is showing below:

Code	Signification	Explanation
"OPE" or "SHr"	Temperature sensor error	Open or short（showing "OPE" or "SHr"）

✓ Advanced Operation

Press the key "M" and hold it for 5 seconds, and if you have set the password, the LED display the "PAS" to hint you to enter the password, you can use the key "▲" and "▼" to enter the password, if the password is correct, the LED will display the parameter code, use "▲" or "▼" to select the parameter code，Pressing the "set" key can make it to show the value of the parameter after select the parameter, here you use "▲" or "▼" to set the parameter(pressing the key and not release can add or minus rapidly), then press the "set" key to return to the state of showing parameter code after finishing setting. Pressing the key "M" can exit the parameter setting state when display the parameter code, pressing the key "M" means cancel when in the process of setting parameter, and the parameter will not be changed.

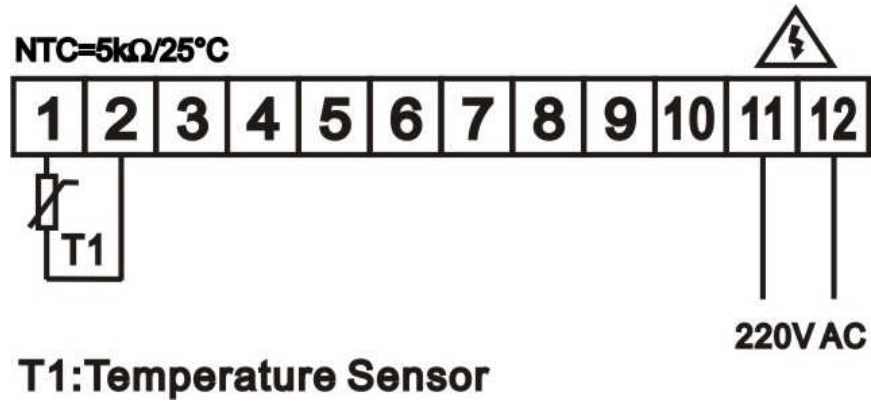Internal parameter code is showing below:

Sort	Code	Parameter Name	Range	Factory setting	Unit	Remark
Temperature controlling	F19	Temp sensor adjustment	-20.0 – 20.0	0.0	℃/℉	Adjust the temperature sensor bias
System setting	F80	Password	OFF 0001 -- 9999	OFF	-	OFF means no password 0000 means clearing password
	F81	Temperature unit	C/F	C	-	C: Centigrade F: Fahrenheit
	F99	Test self				
	End	Exit				

❄ Basic Operating Principle

✍ *Password*

In order to prevent irrespective persons from changing the parameters, you can set a password (F80), and if you have set a password, the controller will hint you to enter the password after you press the key "M" for 5 seconds, you must enter the correct password, and then you can set the parameters. If you don't need the password, you can set F80 to "OFF". Notice that you must remember the password, and if you forget the password, you can not enter the set state.

Wiring Diagram:

NTC=5kΩ/25°C

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |

T1

220V AC

T1:Temperature Sensor

Notice:
1. **Please read the guide carefully before using, and set the parameter accurately.**
2. **Please use the temperature sensor which is supplied by our company.**