CT-600 Product Instructions Manual

CT-600 Freezers Temperature Controller

size : 140(137)X39(31.5)X31 mm
cutting hole : 137X32 mm

1. SPECIFICATIONS

	Parameter	Code	Default	Setting Range
1	temp setting	Set	4℃	-40℃ ~ + 40 ℃
2	temp ON/OFF setting	td	4℃	1 ~ 9℃
3	running cycle	H	6H	1 ~ 24H
4	defrost cycle	C	20min	0 ~ 60min
5	temp correction	tA	0℃	- 10 ~ 10℃
6	key lock	oFF/On	oFF	on→Locked oFF→Unlocked

2. OPERATION INSTRUCTION

2.1 Plug into power after install finished, then the power light come on that mean the controller is normal.

2.2 The display shows now temp and the controller starts to work after 3 minutes.

2.3 Parameter setting : hold on up key for 2 sec., the display shows the code name of the first parameter Set, and when you hold on up or down key, it appears preset. Then hold on up or down key again to set parameter, new setting value will be memorize. Every parameter appears for auto change after 3 sec. until parameter setting.

2.4 The compressor have the protection of delay start for 2 minutes, it will be cancel delay after hold on up key for 5 seconds and the compressor run at once. (If time for running temperature.) Display Hxx、dxx、Lxx at the same time, then represent operation hours is 123456 hours.

2.5 It will be enter the running cycle forcibly after hold on up key for 5 seconds during the defrost cycle and the compressor run at once. (If time running temperature.) Display Hxx、dxx、Lxx at the same time.

2.6 When the key lock is on, you can only adjust temp. setting (SEt) of parameter and storage of parameter setting is for -10℃ ~ 10℃, other parameters are only display not setting.

2.7 When controller appears unusual, display shows fault code, the unusual light is blinking.

3. FAULT DISPLAY

3.1 op： Sensor appears broken circuit or temp. less than -45℃

3.2 SH： Sensor appears short circuit or temp. more than 50℃

3.3 EE： Memory unusual

4. PARAMETER EXPLANATION

4.1 Temp. setting：Set mini temp. what the storage room need.

4.2 Temp. difference setting：When the compressor stop to running, the temp. of storage room rise again (temp. setting value +temp. difference setting), then the compressor run again (the compressor have the protection of delay start for 2 minutes).

4.3 Temp. correction：When a controller use for long-term that have relative parts of inferior quality, this caused deviation between temp. and actual temp. you can make up for setting value.

※ NOTE. The controller is going to perform whole test, then the lights of 7-seg, display and LED come on, if EEPROM has unusual, Display appears EE, you can hold down up key to test rely in the stage of all test.

※ The intimate design：you can press any key for turn in then test relay have output and the display test step by step in the stage of whole test.