SM102-2 Operating Manual

Parameter setting ： ①unlock：press "select/unlock" button lasting for 5 seconds，"lock" light went out，first word on the left will turn on, the three on the right side is corresponding numerical value of this parameter ,now enter parameter setting state, press "+" and "-" adjust parameter；then press "setting /unlock" button will switch in turn among the parameters.

Exit/save parameter setting： after finishing setting the parameters，press "select/unlock" button return temperature display interface,now exit the parameter setting, parameters save successfully；otherwise stop in parameters setting interface for 30 seconds, system will exit it automatically, and back to temperature display interface, set parameter will be saved.

Setting parameter comparison table：   hole size：width 113mm*height 45mm

code	Name/code	Range	Factory setting	Note
1	Upper Temperature Limit	-50°C～49.5°C	00.0°C	When reach the setting value，the compressor shut down.
2	Lower Temperature Limit	-49.5°C～50°C	05.0°C	When reach the setting value，the compressor shut down.
3	time interval of defrosting(when setting is 0 hours, means shut down)	0～99hours	05 hours	Twice time intervals of defrosting Timing mode:cumulative working hours of compressor
4	Defrosting finish time	1～99 minutes	30 minutes	Defrosting last time
5	Temperature for stopping defrosting	1°C～35°C	15°C	When reach the setting value，stop defrosting
6	Power on delay	1～360 seconds	120 seconds	Prevent compressor starting frequently
7	Delay on drip after defrosting	0～99 minutes	5 minutes	Prevent freezing
8	Refrigeration temperature correction	-5°C～5°C	0.0°C	Correct refrigeration sensor errors
P	After sensor is fault，compressor working lasting	10～120 minutes	15 minutes	Can reach product temperature requirement
L	After sensor is fault，compressor stop intervals	20～300 minutes	30 minutes	Can reach product temperature requirement

Stop delay： after temperature controller power is cut off,then turn on, press "+" for 4 seconds，enter refrigeration state, when temperature reach the setting lower limit , it will exit this state automatically.

Manual defrosting： press "manual/stop" button for 4 seconds, now enter compulsive defrosting,Reference to setting parameter comparison table"4" time to finish defrosting, when defrosting, press "manual/stop" button for 4 seconds, it will lift the state.

Code explain： ⑴C is refrigeration temperature ⑵H is defrosting temperature ⑶E is defrosting time.

View defrosting temperature： when refrigeration, shortly press "manual/stop" button, the screen showed H means defrosting sensor temperature.

View defrosting time remains： when defrosting,shortly press "manual/stop" button,the screen will shows time remaining for defrosting is E minutes.

Fault code： ⑴interface shows "C CCC"，is the damage of refrigeration temperature sensor, remind the users to change the sensor, and also transfer and borrow the defrosting sensor, making system in normal work. ⑵interface shows "H HHH",is the damage of defrosting temperature sensor, remind the users to change the sensor, and also transfer and borrow the refrigeration sensor, making system in normal work.

Note: when these two sensors are all damage at the same time, the system will enter the first set P/L state.

Advice: place a temperature meter inside the room for comparing and adjust the temperatures conveniently.