Control Panel

Important notice: Without any action on 15 seconds on the key board, it will be locked .when you press a button you will see «Lock» on the screen. In order to unlock the product, you should press the two button ▲ ▼ at the same time and hold for 3 second. You will hear two beeps, that means it is unlocked.

1. **Main display window**

88:8.8 On different display mode, it shows temperature value, menu code and value, alarming and error code.

Displaying mode: main display window does not flash.

Setting mode: main display window is flashing

Note: Turn on the power, you will hear a beep. Then the temperature value within the appliance is displayed.

2. **Indicator and description**

Indicator	Status	Meaning
	Stable Lighting	Refrigerating
	Light flashing	The compressor is waiting to start
	Stable Lighting	evaporator fan is running.
	Light Flashing	Delaying time after defrosting
	Stable Lighting	Defrosting, DEF is displayed
	Light Flashing	Dripping during defrosting;or Delaying when waiting for hot air defrosting
	Light Flashing	The door is open or not properly closed.
	Light Flashing	Condense temperature sensor reach the warning value, failure warning
AUX	Stable Lighting	Auxiliary function(customized)start, Auxiliary timer close(discharge pump manually operate)

wifi	Stable Lighting	Wifi turn on
℃	Stable Lighting	Display current temperature in Celsius degree
℉	Stable Lighting	Display current temperature in Fahrenheit degree

3.Key and Function

Icon	Key	Function
SET	Setting key	enter programming mode
		choose a parameter
△	Increase key	check the parameter value
		increase the value
▽	Decrease Key	check the parameter value
		decrease the value
AUX	Manual discharge key	turn on/off the drain pump
	Mute and ℃/℉ shift	Pause alarm
		shift to Celsius or Fahrenheitt
	Manual defrost key	start a defrosting process
		end the defrosting process
	Stand-by key	return to set mode
		On/stand-by

4.Main function of the key

Check the set temperature (stand by temperature in store room)

When the control panel is unlocked and displayed, tap the SET key, the screen is flashing and shows the current set temperature. Tap the SET key again, return back to cabinet temperature .or wait for 6 second,it will return to display the cabinet temperature automatically.

Change the set temperature(Stand by temperature in store room)

when the control panel is unlocked,tap the SET key softly, the set temperature will display.use the up and down button (△▽) to set the temperature that you desire. Keep pressing the △or △ for over 1 second you can continuously increase or decrease the set temperature. Without any operation for 6 second,the setting mode will quit out. Or you can touch the SET key again to exit setting mode.The value on display window will stop flashing and revert back to current cabinet temperature.

Alarm(Mute and Ring back)

Under Alarm status, accompany with the sound “beep-beep” ,some code will appear on

the main window. You can touch the key softly to mute the alarm sound. However, if the alarm is not solved for a while, the beep sound will appear again to remind you the Alarm still exist. of course you can mute it again. The circle will be repeat until the alarm was solved.

Manual start/end the defrost process

Under unlock status, press and hold the SET key for 3 second to start the manual defrost (enable defrost probe rA=1). of course, after start the defrost process, it will be affected by relative settings of the defrost management parameters in the menu. During defrost process, you may press and hold the key for 3 second to end it.

Switch between Celsius/Fahrenheit

Under unlock status, press and hold key for 3 second to switch from Celsius to Fahrenheit (The ℃ light off, the °F light on), or from Fahrenheit to Celsius (The ℃ light on, the °F light off)

Stand-by and work status

Press and hold key for 3 second, the control will switch between stand-by and work. Under stand by status, only key light on with red color, all other display key light is off. all loading out put is closed.

5. Change the parameter

Menu search

Unlock the control, press and hold the SET key until PC shows. Then press key until the number 26 shows up, press SET again, the letter "r、c、d、F、A、H" will appear in turn. Choose one letter and press SET to confirm.

For example: choose letter "r" and press SET to confirm, at this time, the first item "rL" of parameter "temperature and senor management" (Code is "r") will display. Touch SET and scroll, only those code with r as first letter in the 'temperature and senor management" will be shown.

6. Check and Modify parameter value:

Enter into the menu list, press SET key continuously, search for different parameter code. After a parameter is chosen, press or you can see the value of that parameter. Continue to press or, you can modify the value. Press SET to confirm , or wait 8 second without any action, it will confirm and exit the menu automatically.

St	Control Temperature setting value	2		
rL	Lowest temperature can be set	2	Customer	Pass word
rH	Highest temperature can be set	2		

rd	Temperature control Hysteresis Error	2		
F0	Evaporator motor running mode	2		
F1	Evaporator star mode after defrosting	2		
d1	Time between two defrost process	2		
dp	The longest defrosting time	2		
H3	Nixie tube temperature display	2		
Hr	restore factory default settings	2		

Code	Definition	Minimum.Value	Maximum.Value	Unit	Default	
					Refrigerator	Freezer
rL	Lowest temperature can be set	-40 / -40	rH	℃/ ℉	-5 / 23	-22 / -7
rH	Highest temperature can be set	rL	120 / 248	℃/ ℉	10 / 50	-10 / 14
St	Control Temperature setting value	rL	rH	℃/ ℉	1 / 33	-22 / -7
rd	Temperature control Hysteresis Error	1 / 1	10 / 18	℃/ ℉	4 / 5	4 / 5
r1	Cabinet temperature probe compensation	-10 / 14	10 / 50	℃/ ℉	0 / 0	0 / 0
r2	Evaporator probe temperature compensation	-10 / 14	10 / 50	℃/ ℉	0 / 0	0 / 0
r3	Condenser probe temperature compensation	-10 / 14	10 / 50	℃/ ℉	0 / 0	0 / 0
rA	Defrost probe enable	0=disable ; 1=enable		/	1	1
rB	Condenser probe enable	0=disable; 1=enable		/	0	0
r0	Unit of temperature	0=Celsius; 1=Fahrenheit		/	0	0

code	Definition	Minimum.Value	Maximum.Value	unit	Default	
					refrigerator	freezer
F0	Evaporator motor running mode.	0=synchronize with compressor,and when it start to defrost 1=always running,and stopwhen it start to defrost 2=star and stop on setting temperature,stop when it start defrost 3=synchronize with compressor, run when it start to defrost. 4=always running even during defrosting.		/	1	0
F1	Evaporator start mode after defrosting	0=on set delay time 1=on set start temperature		/	1	1
F2	Evaporator motor start delay time after defrost	0	20	min	3	5
F3	Evaporator motor stop temperature	-40 / -40	40 / 104	℃/℉	2	2
F4	Evaporator motor start temperature	-20 / -4	20 / 68	℃/℉	-5	-10

Code	Definition	Minimum.Value	Maximum.Value	Unit	Default	
					Refrigerator	Freezer
d0	Defrost type	0=electrical heating defrost ; 1=hot air defrost		/	0	0
d1	Interval time between Two defrost process	0	24	hour	4	3
d2	Defrost change rules enable	0=enable; 1=disable		/	0	0
dp	The longest time of defrosting	2	60	min	20	20
dt	Defrost stop temperature	0 / 32	40 / 104	℃/ ℉	12	12
dd	delay output time after Defrost start	0	20	min	0	0
dr	Dripping time after	0	20	min	2	2

	finish defrosting					
d7	Display delay after finish defrosting	0	20	min	2	2
d8	Cabinet temperature display delay after finish defrosting	0	20	min	15	15

Code	Definition	Minimum. Value	Maximum. Value	Unit	Default	
					Refrigerator	Freezer
H3	Nixie tube temperature display	0=Cabinet temperature r1; 1=defrost probe temperature r2; 2=condenser temperature r3		/	0	0
H4	Alarm shutdown enable	0=enable; 1=disable;		/	0	0
HH	Delay shutdown time after AH alarm is triggered	0	72	hour	36	36
HC	Delay shutdown time after AC alarm is triggered	0	72	hour	36	36
Hr	Restore factory default settings	0=null; 1=restore factory default setting		/	0	0
HL	Enable WIFI communication	0=disable; 1=enable		/	0	0

Fault code:

code	description	cause
Err1	Sensor1 fault=cabinet temperature probe	open circuit or short circuit
Err2	Sensor2 fault=defrost probe	open circuit or short circuit
Err3	Sensor3 fault=condenser probe	open circuit or short circuit