

Menu description

Menu	Menu functions	Set range	Acquiesce	Unit
F1	Temperature setting	Temperature set the minimum to the maximum temperature setting	-5	°C
F2	Control return difference	1~25	2	°C
pro	Management password	0~15	7	/
F3	Compressor startup delay	0~15	3	min
F4	Library temperature sensor calibration	-10~+10	0	°C
F5	Temperature setting minimum value	-50~ Temperature setting value	-20	°C
F6	The maximum temperature setting	Temperature setting value ~85	20	°C
F7	Frost period	0~60	6	hour
		0: Ban frost		
F8	Frost delay start time	0~60	3	min
F9	Frost time	1~90	30	min
F10	Frost stop temperature	0~50	10	°C
F11	After the defrosting time drop	0~60	2	min
		0: Ban defrosting time drop		
F12	Frost type	0: Electric thermalization defrosting	0	/
		1: Hot-gas defrosting		
F13	Frost period calculated	0: Accumulated refrigeration time	1	/
		1: Natural time calculation		
F14	Frost process display	0: Display library temperature sensor value	2	/
		1: When frost shows dEF, frost after delay display library temperature		
		2: Frost and frost when drop all showed that dEF		
F15	Frost sensor calibration	-10~+10	0	°C
F16	Fan work mode	0: And refrigeration with stop, refrigeration after start-up time delay, frost and frost drip close	0	/
		1: Continuous running, frost and frost drip close		
F17	Fan startup delay	0~60	1	min
F18	Library temperature sensor failure ratio key choice	0: Cancel key proportion	1	/
		1: Start key proportion		
F19	Proportional refrigeration stop time	1~60	15	min
F20	Proportional refrigeration turn on time	1~60	30	min
F21	Alarm output	0: Ban alarm relay output	1	/
		1: Allow alarm relay output		
F22	Alarm value when exceed lower limit	-50~ Library WenChao limit alarm value	-10	°C
F23	Alarm value when exceed upper limit	Library WenChao referrals alarm value ~70	20	°C
F24	Temp. alarm delay	0~60	10	min
F25	After electrify library temperature first overtemperature limit alarm time delay	0~99	90	min

System code, reason and action

Sensor fault alarm: when the temperature probe circuit appear short circuit, open circuit fault, controller start probe fault alarm mode, close all implementation status, buzzer sound, and temperature adjustment sensor fault indication E1, defrost sensor fault indication E2, press any key, which can eliminate the buzzer sonorant, failure to return to normal after the termination of the work mode.

Overtemperature limit alarm: when the temperature measured value beyond temperature measurement range, controller start overtemperature limit fault alarm mode, close all implementation status, buzzer rang, the library WenChao high temperature alarm digital tube display tH, the library temperature ultra-low temperature alarm digital tube display tL, press any key, which can eliminate the buzzer sonorant, when the temperature response to the measuring range, to return to normal working mode.

Safety rules

★ Risk:

1. Strictly distinguish between sensor lead, power lines and output relay interface, do not meet wrong, relay do not overload;
2. All the connection change must be off with power supply situation.

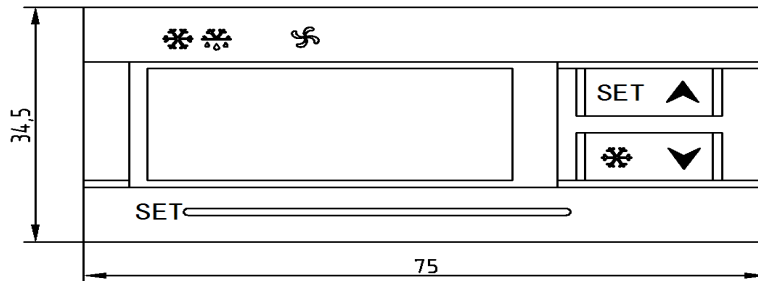
★ Warning:

This controller is prohibited in the water or excessive moisture environment use, banned in high temperature, strong electromagnetic interference, strong corrosive environment use.

★ Note:

1. The power supply voltage should be labeled and controller of the voltage phase is consistent, and ensure the stability of the power supply voltage,
2. To avoid possible interference, it is suggested that sensor wire and power to keep appropriate distance.

Panel diagram



Wiring diagram

