

Technical parameters:

Power Supply: 220VAC±10%,50/60Hz Power Consumption: Less than 5W
 Temperature Measuring Range: -45℃~99℃ Accuracy: ±1℃
 Temperature Controlling Range -40℃~90℃ Resolution: 0.1℃/1℃ or 1F
 Relay Capacity :
 Compressor 50A/240VAC Max. capacity of controlling the compressor: 3P
 Defrost 8A/220VAC
 Fan 5A/220VAC Max. capacity of controlling the fan: 500W
 Light 5A/220VAC Max. capacity of controlling the light: 300W
 Alarm 5A/220VAC
 Storage Temperature: -20℃~75℃ Work Temperature: -5℃~60℃
 Sensor Type: NTC(10KΩ/25℃,B-3435K)

Introduction of indicator light

❄ Refrigeration On: Refrigerating Flash: Refrigeration delay Off: Refrigeration stop
 🌀 Fan On: Fan working Off: Fan stop
 ✨ Light On: Light on Off: Light off
 ❄ Defrost On: Defrosting Off: Defrost stop
 🚨 Alarm On: System alarm Off: No alarm
 🌙 Energy saving On: Night saving mode Off: Normal mode

Parameter list:

	Parameter	Introduction	Range	Default Value
Temperature Setting Operation				
		Temperature Control Setting Point	(-50...100)℃	0
Parameter C				
1	C01	Differential	(0.1 ... 20.0) K	2.0
2	C02	Max set point limit	(C03 ... 100)℃	100.0
3	C03	Min set point limit	(-50.0 ... C02)℃	-50.0
4	C04	Min. ON-time	(0 ...15)Min	0
5	C05	Min. OFF-time	(0 ...15)Min	0
6	C06	Temperature calibration	(-12.0...12.0)℃	0.0
7	C07	Compressor On delay after Power On	(0 ...30)Min	2
8	C08	Night-Saving Function(1: On, 2: Off)	(1 ...2)	2
9	C09	Night-time start hour	(0 ...23)hour	22
10	C10	Night-time start minute	(0 ...59)min	0
11	C11	Night-time close hour	(0 ...23)hour	8
12	C12	Night-time close minute	(0 ...59)min	0
13	C13	Night set back differential	(0 ...10)K	2

Parameter A				
	Parameter	Introduction	Range	Default Value
14	A01	High temperature alarm(tem.+C01+A01)	(0 ...30)K	10
15	A02	Low temperature alarm(tem.-A02)	(0 ...30)K	10
16	A03	Alarm differential	(1...10)K	2
17	A04	Alarm time delay	(0 ...99)min	30
18	A05	Alarm time delay after defrost end and power-on	(0 ...99)min	20
19	A06	Buzzer keeps silent when alarm occurs(1: On, 2: Off)	(1 ...2)	1
20	A07	Door open alarm time delay	(0 ...99)min	30
Parameter D				
21	d01	Defrost type (1:electric heater 2. Hot gas)	(1 ...2)	1
22	d02	Defrost end function (1: temperature sensor termination, 2: defrost time termination)	(1 ...2)	1
23	d03	Defrost stop temperature (if d02=1)	(0...99)℃	8
24	d04	Defrost interval time	(0 ...48)hour	6
25	d05	Max-defrost duration	(0 ...99)min	30
26	d06	Dripping time	(0 ...20)min	2
27	d07	First defrost delay after power-on	(0 ...99)min	0
28	d08	Max-times of defrost every day (if 003=2)	(0 ...7)	0
29	d09	Defrost sensor calibration	(-12.0...12.0)℃	0
Parameter F				
30	F01	Fan operation function (1:Always on; 2:Parallel to compressor)	(1 ...2)	1
31	F02	Fan stop during defrost (1:Yes; 2:No)	(1 ...2)	1
32	F03	Fan start temperature after defrost	(-30...5)℃	5
33	F04	Fan start-up delay after defrost	(0 ...10)min	3
Parameter O				
34	o01	Sensor error, compressor functioning (1:On, 2:Off)	(1 ...2)	1
35	o02	Access Password	(0 ...999)	0
36	o03	Defrost start mode(1:by Internal timer; 2:by Real Time Clock Module)	(1 ...2)	1
37	o04	Display decimal(1:Yes; 2:No)	(1 ...2)	1
38	o05	Digital input definition (1:None; 2-5:Door switch)	(1 ...5)	1
39	o06	Temperature display in ℃ or °F (1:℃; 2:°F)	(1 ...2)	1