

Parameter list of unit (PC8002 35005-310507)

Mailing address

Parameter	Function	Default	Range	Modbus
C01	Water outlet anti-freezing temperature point	4℃	1~10	1001
C02	Anti-freezing low pressure value	0bar	0~10	1002
C03	Anti-freezing protection - return difference	2℃	0~10	1003
C04	Minimum working temperature of heat pump	-20℃	-30~10	1004
C05	Outlet over-temperature protection value	110℃	80~130	1005
C06	Spray valve starting temperature	35℃	10~50	1006
C07	Compressor frequency control value P	5	1~100	1007
C08	Compressor frequency control value I	1	1~100	1008
C09	Compressor frequency control value D	5	0~100	1009
C10	Compressor min. frequency	30	20~60	1010
C11	Compressor max. frequency	90	30~120	1011
C12	Heat mode coil point	13℃	1~40	1012
C13	Heat mode defrosting point	25bar	1~25	1013
C14	Heat mode defrosting period	45Min	1~90	1014
C15	Heat mode defrosting max. duration	8Min	1~20	1015
C16	Slip into low pressure and high point	5.3bar	1~20	1016
C17	Slip into low pressure and low point	2.8bar	1~20	1017
C18	Slip into environment temperature and high point	2℃	-10~10	1018
C19	Slip into environment temperature and low point	-15℃	-30~10	1019
C20	Enable slide defrosting (0 No 1 Yes)	1	0~1	1020
C21	Enable auxiliary electrical heating (0 No 1 Yes)	0	0~1	1021
C22	Defrosting frequency	70	0-90	1022
C23	PFC enabled function	1	0~1	1023
C24	Unit change(0-Celsius 1-Fahrenheit)	1	0~1	1024
C25	Max. manual room number	0	0~32	1025
E01	Electronic expansion valve 1 adjustment (0 Manual 1 Auto)	1	0~1	1026

E02	Electronic expansion valve 1 overheating (heat mode)	5°C	-10~10	1027
E03	Super heat compensation 1	0.5°C	-10~10	1028
E04	Super heat compensation 2	0.5°C	-10~10	1029
E05	Electronic expansion valve 1 initial opening (heat mode)	300	0~480	1030
E06	Initial opening compensation 1	0	0~200	1031
E07	Initial opening compensation 2	0	0~200	1032
E08	Initial opening compensation 3	0	0~200	1033
E09	Electronic expansion valve min. opening	100	0~200	1034
E10	Defrosting opening	480	0~480	1035
E11	Electronic expansion valve 1 overheating (Cool Mode)	4°C	-10~10	1036
E12	Overheating compensation 1	1.5°C	-10~10	1037
E13	Overheating compensation 2	3°C	-10~10	1038
E14	Electronic expansion valve 1 initial opening (Cool Mode)	350	0~480	1039
E15	Initial opening compensation 1	0	0~200	1040
E16	Initial opening compensation 2	0	0~200	1041
E17	Initial opening compensation 3	0	0~200	1042
E18	Start time of exhaust auxiliary control	10min	0~16	1043
E19	Start time of return air overheating control	4min	0~16	1044
E20	Electronic expansion valve control value P	5	0~100	1045
E21	Electronic expansion valve control value I	3	0~100	1046
E22	Electronic expansion valve control value D	0	0~100	1047
E23	Manual pump	0	0~1	1048
E24	Manual compressor frequency	0	0~90	1049
E25	Manual initial opening	0	0~550	1050
F01	Power-down memory (0 No 1 Yes)	1	0~1	1051
F02	Quantity of System	0	0~1	1052
F03	Electrical heating (0 No 1 Yes)	0	0~1	1053
F04	Pump working (0 - ordinary/1 - special / 2 - intermittent)	0	0~2	1054
F05	Time duration of pump operation	30min	0~30	1055
F06	Time duration of pump operation	3min	0~3	1056
F07	Max fan speed (heat mode)/setting	1050rps	0~2000	1057
F08	Min fan speed (heat mode) /setting	300rps	0~2000	1058
F09	Max fan speed (heat mode)/pressure	4bar	0~20	1059

F10	Min. fan speed (heat mode)/pressure	11bar	0~20	1060
F11	Max. fan speed (Cool Mode)/Setting	1050rps	0~2000	1061
F12	Min. fan speed (Cool Mode)/Setting	300rps	0~2000	1062
F13	Max. fan speed (Cool Mode)/Pressure	33bar	0~50	1063
F14	Min. fan speed (Cool Mode)/Pressure	15bar	0~50	1064
F15	Quantity of fan	0	0~2	1065
F16	Manual speed	0rps	0~2000	1066
F17	0-Master 1- Slave	0	0~1	1067
F18	Reserved	Reserved	0~1	1068
F19	Reserved	Reserved	0~1	1069
F20	Compressor model	6	0~50	1070
P01	Inlet temperature (Cool Mode)/Setting	12℃	P07~P08	1071
P02	Inlet temperature (Heat Mode)/Setting	40℃	P09~P10	1072
P03	Return difference (Cool Mode)/constant temperature/OFF	2℃	0.5~10	1073
P04	Temperature difference (Cool Mode)/constant temperature/ON	2℃	0~10	1074
P05	Return difference (Heat Mode)/constant temperature/OFF	2℃	0.5~10	1075
P06	Temperature difference (Heat Mode)/constant temperature/ON	2℃	0~10	1076
P07	Min. setting (Cool Mode)	12℃	8~30	1077
P08	Max. setting (Cool Mode)	20℃	10~50	1078
P09	Min. setting (Heat Mode)	30℃	20~50	1079
P10	Max. setting (Heat Mode)	50℃	30~80	1080
P11	Temperature difference (electrical heating ON)	5℃	0.5~10	1081
P12	Ambient temperature (electrical heating ON)	5℃	-10~30	1082
P13	Time delay (electrical heating ON)	30	0~60	1083
P14	Ambient temperature without time delay (electrical heating ON)	2℃	-30~20	1084
P15	Ambient temperature compensation (0 No 1 Yes)	0	0~1	1085
P16	Max. offset of temperature compensation	5℃	0~10	1086
P17	Coefficient of temperature compensation	10	10~144	1087
P18	Ambient temperature of compensation (Cool Mode)	35℃	10~50	1088
P19	Ambient temperature of compensation	8℃	-30~30	1089

	(Heat Mode)			
P20	Control on host by the temperature of room thermostat	1	0~1	1090
P21	Room thermostat temperature decreased (Cool Mode)	12°C	0~20	1091
P22	Room thermostat temperature increased (Heat Mode)	20°C	0~30	1092
P23	Control on host by the mode of room thermostat	0	0~1	1093