

34-180628/30/32/40 - Factory parameter without pressure sensor

No	Parameter meaning		Parameter value				Description			
			Para No	34-180628	34-180630	34-180632		34-180640		
				Value	Value	Value		Value		
1	D Defrost parameter	Enter defrost pressure value	D01	5,5bar	5,5bar	5,5bar	5,5bar			
2		Exit defrost temperature point	D02	13°C	13°C	13°C	13°C			
3		Defrost cycle	D03	45min	45min	45min	45min			
4		Longest defrost time	D04	8min	8min	8min	8min			
5		Defrost mode	D06	0	0	0	0		0=Normal ; 1=Economic	
6		Ambient temperature to startup slip defrosting	D07	2°C	2°C	2°C	2°C			
7		Pressure difference after enter slip defrosting	D08	2bar	2bar	2bar	2bar			
8		Ambient temperature difference after enter slip defrosting	D09	13°C	14°C	13°C	13°C			
9		The point pressure of stop slipping	D10	3,2bar	3,2bar	3,bar	2,6bar			
10		EEV adjustment	E01	1	1	1	1			0-Manual/1-Auto/2-Auxiliary
11	E EEV parameter	Target overheat	E02	3°C	1°C	3°C	3°C			
12		Initial steps of EEV	E03	250N	250N	300N	250N			
13		Minimum steps of EEV	E04	100N	100N	100N	100N			
14		Defrost steps	E05	480N	480N	480N	480N			
15		Cooling steps	E06	480N	480N	480N	480N			
16		Exhaust setting temperature	E07	60°C	60°C	60°C	60°C			
17		Steps control proportional parameter value	E09	2	2	2	2			
18		Steps control integral parameter value	E10	10	10	10	10			
19		Steps control differential parameter value	E11	0	0	0	0			
20		Overheat compensation difference	E12	0°C	0°C	0°C	0°C			
21		F Fan parameter	Fan parameters	F01	3	3	7		7	0-Single speed /1-/2-Double speed [AC fan] /3- [DC fan-1 (Inverter)] /4- [DC-2 (inverter)] /5- [EC fan] /6- [DC fan-1 (MXL228)] /7- [DC fan-2 (MXL228)]
22			The pressure setting when the fans run at high speed during cooling	F02	15bar	15bar	15bar		15bar	
23	The pressure setting when the fans run at low speed during cooling		F03	7bar	7bar	7bar	7bar			
24	The pressure setting when the fans stop running during cooling		F04	2bar	2bar	2bar	2bar			
25	The pressure setting when the fans run at high speed during heating		F05	11bar	11,5bar	7,8bar	7bar			
26	The pressure setting when the fans run at low speed during heating		F06	15bar	13,7bar	10,7bar	10,1bar			
27	The pressure setting when the fans stop running during heating		F07	18bar	15bar	11bar	11bar			
28	Fan speed control temp selection		F10	0	0	0	0	0-Coil temp / 1-Ambient temp		
29	Fan maximum speed running duty cycle during heating		F11	600r	750r	600r	600r			
30	Maximum speed of fan when heating									
31	Fan running duty ratio during cooling		F12	600r	600r	600r	600r			
32	Cooling fan speed									
33	Fan minimum speed running duty cycle during heating									
34	Minimum speed of heating fan		F13	400r	300r	500r	550r			
35	Timer mute start time		F14	0h	0h	0h	0h			
36	Timer mute end time		F15	6h	6h	6h	6h			
37	Quiet running duty cycle		F16	500r	600r	400r	400r			
38	Mute speed									
39	Whether enable the timer mute function		F17	0	0	0	0	0-OFF ; 1-ON		

40	F Fan parameter	Whether enable manual wind speed / manual low speed	F18	0	0	0	0		
41		AC fan rated duty cycle	F19	600r	750r	600r	600r	If F01=2, this parameter is valid	
42		DC fan rated speed						If F01=3/4/5/6/7, it shows r	
43		Whether enable PWM detection / antifreeze temperature sensor	F20	1	1	1	1	0-PWM/1-Antifreeze temp sensor, If F01≠5, so F20=1 ; If F01=5, so F20=0	
44	H System & protection parameter	Whether enable the power-down memory function	H01	1	1	1	1	0-NO ; 1-YES	
45		Unit mode	H02	1	1	1	1	0-Cool ; 1-Heat/cool ; 2-Heat	
46		Fahrenheit to Celsius conversion	H03	0	0	0	0	0-Celcius / 1-Fahrenheit	
47		Minimum frequency of compressor when heating	H06	20Hz	20Hz	20Hz	20Hz		
48		Minimum frequency of compressor when cooling	H07	30Hz	35Hz	20Hz	20Hz		
49		Maximum frequency of compressor when heating	H08	70Hz	80Hz	70Hz	70Hz		
50		Maximum frequency of compressor when cooling	H09	52Hz	75Hz	65Hz	55Hz		
51		Delayed thermostatic shutdown time	H10	20min	20min	20min	20min		
52		Delay time to determine the inlet water temperature after constant temperature shutdown in auto mode	H11	192min	192min	192min	192min		
53		Compressor type	H12	46	46	17	17		
54		Compressor defrost frequency	H13	70Hz	80Hz	70Hz	80Hz		
55		0,2°C change, frequency adjustment period	H14	110min	110min	45min	45min		
56		Compressor overcurrent protection set value	H15	/	/	/	/		
57		Snow Type	H16	2	2	2	2		0-R410a / 1-R407c / 2-R32
58		The low ambient temp of starting compensation when cooling	H17	15°C	15°C	15°C	15°C		
59		The low ambient temp of stopping compensation when cooling	H18	5°C	5°C	5°C	5°C		
60		Maximum target temp of the low ambient temp compensation when cooling	H19	52Hz	40Hz	65Hz	55Hz		
61		The high ambient temp of starting compensation when cooling	H20	35°C	35°C	35°C	35°C		
62		The high ambient temp of stopping compensation when cooling	H21	43°C	43°C	43°C	43°C		
63		Maximum target temp of the high ambient temp compensation when cooling	H22	30Hz	40Hz	65Hz	40Hz		
64		The low ambient temp of starting compensation when heating	H23	15°C	15°C	15°C	15°C		
65		The low ambient temp of stopping compensation when heating	H24	-10°C	-10°C	-10°C	-10°C		
66		Maximum target temp of the low ambient temp compensation when heating	H25	70Hz	90Hz	70Hz	70Hz		
67		The high ambient temp of starting compensation when heating	H26	35°C	35°C	30°C	30°C		
68		The high ambient temp of stopping compensation when heating	H27	43°C	43°C	43°C	43°C		
69		Maximum target temp of the high ambient temp compensation when heating	H28	65Hz	80Hz	70Hz	70Hz		
70		Pressure sensor maximum value	H29	20bar	20bar	20bar	20bar		
71		Pressure sensor minimum value	H30	0bar	0bar	0bar	0bar		
72		Start overheat compensation for ambient temperature	H31	2°C	2°C	2°C	2°C		
73		End overheat compensation for ambient temperature	H32	-12°C	-12°C	-12°C	-12°C		
74		Maximum running frequency when compressor is under silent mode	H33	52Hz	50Hz	52Hz	52Hz		

75	H System & protection parameter	Low ambient temperature shutdown setting point	H34	-15	-15	-15	-15	If D06=1, H34=7°C ; If D06=0, H34=-15°C
76		Temperature difference of startup frequency when inverter constant temperature startup	H35	5°C	5°C	5°C	5°C	
77		The startup frequency when inverter constant temperature startup	H36	60Hz	60Hz	60Hz	60Hz	
78		Unit address	H37	1	1	1	1	
79		Whether enable the pressure sensor	H38	1	1	1	1	0-Disable / 1-Enable
80		Common point 1	/	0	0	0	0	
81		Common point 2	/	0	0	0	0	
82		Common point 3	/	0	0	0	0	
83		Whether enable the quick inspection mode	/	0	0	0	0	0-No / 1-YES
84		Whether enable double coils	/	0	0	0	0	
85	P Water pump parameter	Working mode of water pump	P01	2	2	2	2	0-normal / 1-special / 2-intermittent
86		Water pump running interval	P02	30min	30min	30min	30min	
87		Water pump running duration	P03	3min	3min	3min	3min	
88		Water pump advance compressor running time	P04	1min	1min	1min	1min	
89		Whether enable water pump filtering function	P05	0	0	0	0	0-Disable / 1-Enable
90		Water pump filtration start time 1	P06	10	10	10	10	
91		Water pump filter off time 1	P07	12	12	12	12	
92		Water pump filtration start time 2	P08	15	15	15	15	
93		Water pump filter off time 2	P09	17	17	17	17	
94	R Temperature parameter	Inlet water temperature setting value during cooling	R01	27°C	27°C	27°C	27°C	
95		Inlet water temperature setting value during heating	R02	27°C	27°C	27°C	27°C	
96		Inlet water temperature setting value during automatic mode	R03	27°C	27°C	27°C	27°C	
97		The difference when inverter constant temperature shutdown	R04	1°C	1°C	1°C	1°C	
98		The difference when unit constant temperature shutdown	R05	1°C	1°C	1°C	1°C	
99		Cooling setpoint minimum value	R08	8°C	8°C	8°C	8°C	
100		Cooling setpoint maximum value	R09	35°C	35°C	35°C	35°C	
101		Heating setpoint minimum value	R10	15°C	15°C	15°C	15°C	
102		Heating setpoint maximum value	R11	35°C	35°C	35°C	35°C	
103	The difference when inverter constant temperature startup	R12	1°C	1°C	1°C	1°C		
104	U Flow parameter	Flow meter 1L water pulse	U02	205	205	205	205	
105		Slave address	/	1	1	1	1	