

Programmable Parameters

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Programmable Parameters Fahrenheit & Centigrade Systems

No.	PARAMETER DESCRIPTION	RANGE	FACTORY SETTING	SCREEN NUMBER	MEMORY LOCATION
1	Number of compressors	2-6	PLC-3 = 3 PLC-6 = 6	6	V2104
2	Number of Immersion Heater stages	2-6	0	6	V2105
3	Compressor time delay staging	5-120	15s	7	V2230
4	Heater time delay staging	5-120	15s	8	V3230
5	Alternating Sequence Mode	0 = manual 1 = auto	1	15	V4103
6	Lead compressor in alternating sequence	1-6	1	15	V4106
7	Compressor alternating sequence	1-6	1	15	CTA4
8	Alternating period, hours	1-999	24	15	V4100
9	Seawater Pump running mode	0 = manual 1 = auto	1	5	V4105
10	Chillwater Pump quantity	1-2	1	5	V2150
11	Chillwater Pump Selected	1-2	1	5	V2151
12	Seawater Pump quantity	1-2	1	5	V2152
13	Seawater Pump Selected	1-2	1	5	V2153
14	Compressors are Variable Frequency Drive (VFD) controlled	0 = No 1 = Yes	1	6	V2110
15	Seawater pump is Variable Frequency Drive (VFD) controlled	0 = No 1 = Yes	0	5	V2164
16	Maximum Seawater Pump VFD speed	0-100%	100	11	V2162
17	Minimum Seawater Pump VFD speed	0-100%	50	11	V2163
18	Low Refrigerant Pressure switch time delay	0-300s	30s	7	V2127
19	Refrigerant pressure transducers on unit	0 = No 1 = Yes	0	6	V2107

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No.	PARAMETER DESCRIPTION	RANGE	FACTORY SETTING		SCREEN NUMBER	MEMORY LOCATION
			F = 2	C = 5		
50	Load Factory Defaults	2 = F# 5 = C#	2	5	6	V2114
51	Temperature display	1 = F# 0 = C#	1	0	6	V4104
52	Cooling Stage 1 set point	7-60	45	7	7	V2201
53	Cooling Stage 2 set point	7-60	47	8	7	V2202
54	Cooling Stage 3 set point	7-60	49	9	7	V2203
55	Cooling Stage 4 set point	7-60	51	10	7	V2204
56	Cooling Stage 5 set point	7-60	53	11	7	V2205
57	Cooling Stage 6 set point	7-60	55	12	7	V2206
58	Cooling differential	2-5	3	2	7	V2200
59	Heating Stage 1 set point	30-140	120	50	8	V3201
60	Heating Stage 2 set point	30-140	115	48	8	V3202
61	Heating Stage 3 set point	30-140	110	46	8	V3203
62	Heating Stage 4 set point	30-140	105	44	8	V3204
63	Heating Stage 5 set point	30-140	100	42	8	V3205
64	Heating Stage 6 set point	30-140	95	40	8	V3206
65	Heating differential	2-10	5	3	8	V3200
66	Temperature at which the seawater pump VFD will be operating at maximum speed	15-100	75	24	11	V2160
67	Temperature at which the seawater pump VFD will be operating at minimum speed	0-100	50	10	11	V2161

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Factory Programmable Parameters

These parameters are only adjustable by Factory authorized personnel

No.	PARAMETER DESCRIPTION	RANGE	FACTORY SETTING	SCREEN NUMBER	MEMORY LOCATION
100	PLC Type	PLC-3 = 3 PLC-6 = 6	N/A	19	V2106
101	Heating Method	0 = None 1 = Reverse Cycle 2 = Immersion Heat	N/A	19	V4102
102	Main flow switch time delay	0-30	5s	22	V1750
103	Heating flow switch time delay	0-30	5s	22	V1751
104	General alarm muting time delay	0-100	5s	22	V1753
105	Temperature display muting time delay	0-30	5s	22	V1754
106	Reversing valve time delay at startup	0-10	5s	22	V1761
107	Anti-short cycle timer for compressors	0-300s	120s	22	V2240
108	Compressor Hour Meter 1	0-9999	N/A	18	V1711
109	Compressor Hour Meter 2	0-9999	N/A	18	V1712
110	Compressor Hour Meter 3	0-9999	N/A	18	V1713
111	Compressor Hour Meter 4	0-9999	N/A	18	V1714
112	Compressor Hour Meter 5	0-9999	N/A	18	V1715
113	Compressor Hour Meter 6	0-9999	N/A	18	V1716
114	Heater Hour Meter 1	0-9999	N/A	18	V1721
115	Heater Hour Meter 2	0-9999	N/A	18	V1722
116	Heater Hour Meter 3	0-9999	N/A	18	V1723
117	Heater Hour Meter 4	0-9999	N/A	18	V1724
118	Heater Hour Meter 5	0-9999	N/A	18	V1725
119	Heater Hour Meter 6	0-9999	N/A	18	V1726
120	Seawater Pump Hour Meter 1	0-9999	N/A	20	V1701
121	Seawater Pump Hour Meter 2	0-9999	N/A	20	V1702
122	Chillwater Pump Hour Meter 1	0-9999	N/A	20	V1671
123	Chillwater Pump Hour Meter 2	0-9999	N/A	20	V1672