



# LOCAL ACCESS DISPLAY TABLE

Software Version: UCH.SHC-HP.12b.13

Product Line: UCH  
Chiller Type: SHC-HP

## STANDBY

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
ClimaCool Corp. CoolLogic							
Date:							
Time:							
Cool Temp: (F)		chws_temp_1		FALSE		FALSE	
/ Heat Temp: (F)		cwr_temp_1		FALSE		FALSE	
SRC Temp:							
F Press a key to continue		sws_temp_1		FALSE		FALSE	

## HOME

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
Cool Water In : (F)							
/ Cool Spt: (F)	CHWR In Temp Status	chwr_stat_1	60.9	FALSE		FALSE	AV:16
Cool Water Out: (F)	CHWS Out Temp Status	chws_stat_1	57.7	FALSE		FALSE	AV:17
/#Cool Stg On:	Num of Cool Comp ON at Mgr	num_cool_comp_on_1	0.0	FALSE		FALSE	AV:162
Cool Mode Stat:	Chiller Cool Run Cmd	run_cool_1	Off	Off, On		FALSE	BV:574
/ Heat Mode Stat:	Chiller Heat Run Cmd	run_heat_1	Off	Off, On		FALSE	BV:575
Heat Water In : (F)	CWS In Temp Status	cws_stat_1	94.1 °F	FALSE		FALSE	AV:43
/Heat Spt: (F)	Active Htg Setpoint	cw_stp_stat_1	130.0 °F	FALSE		FALSE	AV:14
Heat Water Out: (F)	CWR Out Status	cwr_stat_1	95.5	FALSE		FALSE	AV:42
/#Heat Stg On:	Num of Heat Comp ON at Mgr	num_heat_comp_on_1	0.0	FALSE		FALSE	AV:163
Cool Water Flow :	Evap Flow SW	evap_flow_1	On	No, Yes		FALSE	BV:14
/ Mode:	Unit Mode	unit_mode_1	Schedule	Schedule, No Flo/Ph, CHWR High, CWS Low, Sens Error, No ModAvail, Module Down, Compr Down, NonCrit Alm, Normal Run		FALSE	MSV:16
Heat Wat Flow :	Heat Fl	cond_flow_1	On	No, Yes		FALSE	BV:8
/Sourc Water Flow:	Source Flow SW	source_flow_1	On	No, Yes		FALSE	BV:561
SourceWat In: (F)	SWS In Temp Status	sws_stat_1	109.7	FALSE		FALSE	AV:538
/Source Out: (F)	SWR Out Status	swr_stat_1	106.1	FALSE		FALSE	AV:535

LINK(S): STATUS, SYSTEM SETUP, SERVICE MENU SETUP, ALARM

## STATUS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
CoolLogic Chiller Status Menu							

LINK(S): COOL STATUS, ALL COMPR SS STATUS, HEAT STATUS, CHILLER OPER STATUS, MOD1 COMP1 DATA, MOD1 COMP2 DATA, MOD2 COMP1 DATA, MOD2 COMP2 DATA, MOD3 COMP1 DATA, MOD3 COMP2 DATA, MOD4 COMP1 DATA, MOD4 COMP2 DATA, MOD5 COMP1 DATA, MOD5 COMP2 DATA, MOD6 COMP1 DATA, MOD6 COMP2 DATA, MOD7 COMP1 DATA, MOD7 COMP2 DATA, ALL COMPR RUNTIME STATUS, ALL COMPR CYCLES STATUS, MODULE SIZE STATUS, MOD MOT VLV OPEN-CL STATUS, MOD MOT VLV SIGNAL TO CLOSE, HEAT BIN LOAD CAP% STATUS, COOL BIN LOAD CAP% STATUS, PREV, CLOCKSET, HOME, ALARM

### COOL STATUS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
Cool Water Temp Status							
Cool Wtr In: (F)	CHWR In Temp Status	chwr_stat_1	60.9	FALSE		FALSE	AV:16
/Cool Wtr Out: (F)	CHWS Out Temp Status	chws_stat_1	57.7	FALSE		FALSE	AV:17
Cool Water Flow Status:	Evap Flow SW	evap_flow_1	On	Off, On		FALSE	BV:14

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Heat Water Diff Press Sensor: (PSID)	Diff Press Heat Load	diff_press_heat_load_1	26.539558 psi	FALSE	FALSE	AV:165
Cool Water Diff Press Sensor: (PSID)	Diff Press Cool Load	diff_press_cool_load_1	48.94 psi	FALSE	FALSE	AV:164
SourcWater Diff Press Sensor: (PSID)	Diff Press Source	diff_press_source_load_1	48.94 °F	FALSE	FALSE	AV:129

**LINK(S): PREV, SYSTEM SETUP, STATUS**

### ALL COMPR SS STATUS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
CoolLogic Compressor ON/OFF Status							
M1C1 Status:	Module 1 Comp 1 Status	m1_comp1_status_5	Off	Off, On		FALSE	BV:352
/ M5C1 Status:	Module 5 Comp 1 Status	m5_comp1_status_5	Off	Off, On		FALSE	BV:388
M1C2 Status:	Module 1 Comp 2 Status	m1_comp2_status_5	Off	Off, On		FALSE	BV:355
/ M5C2 Status:	Module 5 Comp 2 Status	m5_comp2_status_5	Off	Off, On		FALSE	BV:392
M2C1 Status:	Module 2 Comp 1 Status	m2_comp1_status_5	Off	Off, On		FALSE	BV:359
/ M6C1 Status:	Module 6 Comp 1 Status	m6_comp1_status_5	Off	Off, On		FALSE	BV:411
M2C2 Status:	Module 2 Comp 2 Status	m2_comp2_status_5	Off	Off, On		FALSE	BV:362
/ M6C2 Status:	Module 6 Comp 2 Status	m6_comp2_status_5	Off	Off, On		FALSE	BV:423
M3C1 Status:	Module 3 Comp 1 Status	m3_comp1_status_5	Off	Off, On		FALSE	BV:96
/ M7C1 Status:	Module 7 Comp 1 Status	m7_comp1_status_5	Off	Off, On		FALSE	BV:715
M3C2 Status:	Module 3 Comp 2 Status	m3_comp2_status_5	Off	Off, On		FALSE	BV:147
/ M7C2 Status:	Module 7 Comp 2 Status	m7_comp2_status_5	Off	Off, On		FALSE	BV:725
M4C1 Status:	Module 4 Comp 1 Status	m4_comp1_status_5	Off	Off, On		FALSE	BV:378
M4C2 Status:	Module 4 Comp 2 Status	m4_comp2_status_5	Off	Off, On		FALSE	BV:382

**LINK(S): PREV, SYSTEM SETUP, HOME, ALARM**

### HEAT STATUS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
Heat Water Temp Status							
Heat Wtr In: (F)	CWS In Temp Status	cws_stat_1	94.1 °F	FALSE		FALSE	AV:43
/HeatWtr Out: (F)	CWR Out Status	cwr_stat_1	95.5	FALSE		FALSE	AV:42
Heat Water Flow Status:	Heat Fl	cond_flow_1	On	Off, On		FALSE	BV:8
Heat Water Diff Press Sensor: (PSID)	Diff Press Heat Load	diff_press_heat_load_1	26.539558 psi	FALSE		FALSE	AV:165
Cold Water Diff Press Sensor: (PSID)	Diff Press Cool Load	diff_press_cool_load_1	48.94 psi	FALSE		FALSE	AV:164
SourcWater Diff Press Sensor: (PSID)	Diff Press Source	diff_press_source_load_1	48.94 °F	FALSE		FALSE	AV:129

**LINK(S): PREV, SYSTEM SETUP, STATUS**

### CHILLER OPER STATUS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
CoolLogic Operating & Loading Status							
PID1 Count:							
/Chiller Cool Mode:	Stage 1 Cooling PID	stg1_clg_pid_1	0.0	FALSE		FALSE	AV:144
#Cool Stg On:	Num of Cool Comp ON at Mgr	num_cool_comp_on_1	0.0	FALSE		FALSE	AV:162
/Cool Water Out: (F)	CHWS Out Temp Status	chws_stat_1	57.7	FALSE		FALSE	AV:17
HPID1Count:							
/Chiller Heat Mode:	Stage 1 Heating PID	stg1_htg_pid_1	0.0	FALSE		FALSE	AV:145
#Heat Stg On:	Num of Heat Comp ON at Mgr	num_heat_comp_on_1	0.0	FALSE		FALSE	AV:163
/Heat Water Out: (F)	CWR Out Status	cwr_stat_1	95.5	FALSE		FALSE	AV:42

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Chil Mode:	Unit Mode	unit_mode_1	Schedule	Schedule, NoFlo/Phas, CHWR High, CWS Low, Sens Error, NoModAvail, Module Dwn, Compr Dwn, NonCritAlm, Normal Run	FALSE	MSV:16
/Status:	Chiller Run Cmd	run_1	Off	Chiller OFF, Chiller ON	FALSE	BV:2
CL Cmp PID Cnt:	Clg Step PID Value for 65T	step_clgpid_65t_1	14.285714	FALSE	FALSE	AV:8
/HT Cmp PID Cnt:	Htg Step PID Value for 65T	step_htgpid_65t_1	14.285714	FALSE	FALSE	AV:131

LINK(S): PREV, SYSTEM SETUP, HOME, ALARM

### MOD1 COMP1 DATA

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
MODULE 1 COMP 1 DATA / MODE:	Mod 1 Size	m1_size_st_1	4.0	Not Used, Cool, Heat, Open		FALSE	AV:98
M1C1 Suc Pr: (psi)	Module 1 Comp 1 Suction Pressure	m1_c1_suc_pres_stat_5	122.4	FALSE		FALSE	AV:175
/LoadCoolIn : (F)	CHWR In Temp Status	chwr_stat_1	60.9	FALSE		FALSE	AV:16
Suc SuperHt: (F)	Module 1 Comp 1 Suction Superheat	m1_c1_suc_superheat_5	4.6623917	FALSE		FALSE	AV:205
/LoadHeatIn : (F)	CWS In Temp Status	cws_stat_1	94.1 °F	FALSE		FALSE	AV:43
M1C1 Suc Tp: (F)	Module 1 Comp 1 Suction Temp	m1_c1_suct_temp_stat_5	46.5	FALSE		FALSE	AV:179
/LoadWtr Out: (F)	M1 Load Leaving Temp	m1_load_temp_stat_5	69.4	FALSE		FALSE	AV:87
M1C1 Dis Pr: (psi) (/)	Module 1 Comp 1 Disch Press	m1_c1_disch_pres_stat_5	367.3	FALSE	0	FALSE	AV:113
M1C1 Status:							
/SRC Water In : (F)	SWS In Temp Status	sws_stat_1	109.7	FALSE		FALSE	AV:538
M1C1 Fail :							
/SRC Water Out: (F)	M1 Source Leaving Temp	m1_src_temp_stat_5	118.1	FALSE		FALSE	AV:104
M1C1 Runtime: (h)		m1_c1_rtim_5		FALSE		FALSE	
/M1C1 Cycles:	Module 1 Comp 1 Cycles	m1_c1_cycles_5	13.0	FALSE		FALSE	AV:194
M1C1 Min Runtm:	Module 1 Compr 1 Min Run	m1_c1_min_runtime_5	Off	Off, On		FALSE	BV:591
/M1C1 Min OffTime:	Module 1 Comp 1 Min Off	m1_c1_minimum_off_5	On	Off, On		FALSE	BV:589
Lowest Hd Pres:	Module 1 Lowest Cond Head Pressure	m1_lowest_head_pressure_5	200.0	FALSE	0	FALSE	AV:362
/CDMV PID Out:	Module 1 Cond Vlv PID Out	m1_cdmv_pidout_5	0.0	FALSE	0	FALSE	AV:508
CDMV PID Vdc Scaled Out:	Module 1 Cond Vlv Scaled PID Out	m1_cdmv_scaled_pidout_5	2.0	FALSE	0	FALSE	AV:509
Highest Suc Pr:	Module 1 Highest Evap Suct Pressure	m1_highest_suct_pressure_5	115.0	FALSE	0	FALSE	AV:571
/EVMV PID Out:	Module 1 Evap Vlv PID Out	m1_evmv_pidout_5	0.0	FALSE	0	FALSE	AV:569
EVMV PID Vdc Scaled Out:	Module 1 Evap Vlv Scaled PID Out	m1_evmv_scaled_pidout_5	10.0	FALSE	0	FALSE	AV:570

LINK(S): PREV, STATUS, HOME, ALARM

### MOD1 COMP2 DATA

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
MODULE 1 COMP 2 DATA / MODE:	Mod 1 Size	m1_size_st_1	4.0	Not Used, Cool, Heat, Open		FALSE	AV:98

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M1C2 Suc Pr: (psi)	Module 1 Comp 2 Suction Pressure	m1_c2_suc_pres_stat_5	122.5	FALSE	FALSE	AV:211
/LoadCoolIn : (F)	CHWR In Temp Status	chwr_stat_1	60.9	FALSE	FALSE	AV:16
Suc SuperHt: (F)	Module 1 Comp 2 Suction Superheat	m1_c2_suc_superheat_5	4.31966	FALSE	FALSE	AV:212
/LoadHeatIn : (F)	CWS In Temp Status	cws_stat_1	94.1 °F	FALSE	FALSE	AV:43
M1C2 Suc Tp: (F)	Module 1 Comp 2 Suction Temp	m1_c2_suct_temp_stat_5	46.2	FALSE	FALSE	AV:213
/LoadWtr Out: (F)	M1 Load Leaving Temp	m1_load_temp_stat_5	69.4	FALSE	FALSE	AV:87
M1C2 Dis Pr: (psi) (/)	Module 1 Comp 2 Discharge Pressure	m1_c2_disch_pres_stat_5	366.6	FALSE	FALSE	AV:204
M1C2 Status:						
/SRC Water In : (F)	SWS In Temp Status	sws_stat_1	109.7	FALSE	FALSE	AV:538
M1C2 Fail :						
/SRC Water Out: (F)	M1 Source Leaving Temp	m1_src_temp_stat_5	118.1	FALSE	FALSE	AV:104
M1C2 Runtime: (h)		m1_c2_rtim_5		FALSE	FALSE	
/M1C2 Cycles:	Module 1 Comp 2 Cycles	m1_c2_cycles_5	12.0	FALSE	FALSE	AV:207
M1C2 Min Runtm:	Module 1 Compr 2 Min Run	m1_c2_min_runtime_5	Off	Off, On	FALSE	BV:592
/M1C2 Min OffTime:	Module 1 Comp 2 Min Off	m1_c2_minimum_off_5	On	Off, On	FALSE	BV:590
Lowest Hd Pres:	Module 1 Lowest Cond Head Pressure	m1_lowest_head_pressure_5	200.0	FALSE	0	FALSE
/CDMV PID Out:	Module 1 Cond Vlv PID Out	m1_cdmv_pidout_5	0.0	FALSE	0	FALSE
CDMV PID Vdc Scaled Out:	Module 1 Cond Vlv Scaled PID Out	m1_cdmv_scaled_pidout_5	2.0	FALSE	0	FALSE
Highest Suc Pr:	Module 1 Highest Evap Suct Pressure	m1_highest_suct_pressure_5	115.0	FALSE	0	FALSE
/EVMV PID Out:	Module 1 Evap Vlv PID Out	m1_evmv_pidout_5	0.0	FALSE	0	FALSE
EVMV PID Vdc Scaled Out:	Module 1 Evap Vlv Scaled PID Out	m1_evmv_scaled_pidout_5	10.0	FALSE	0	FALSE

LINK(S): [PREV](#), [STATUS](#), [HOME](#), [ALARM](#)

### ALL COMPR RUNTIME STATUS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
CoolLogic Compressor Runtime Status							
CMRPR RUNTIME OFFSET/CMRPR RUNTIME STATUS							
M1C1 RT Adj:							
/M1C1Rtime:		m1_c1_rtime_calib_1		FALSE	0	TRUE	
hr	Module 1 Comp 1 Runtime	m1_c1_rtime_1	19.929722	FALSE		FALSE	AV:269
M1C2 RT Adj:							
/M1C2Rtime:		m1_c2_rtime_calib_1		FALSE		TRUE	
hr	Module 1 Comp 2 Runtime	m1_c2_rtime_1	19.227777	FALSE		FALSE	AV:270
M2C1 RT Adj:							
/M2C1Rtime:		m2_c1_rtime_calib_1		FALSE		TRUE	
hr	Module 2 Comp 1 Runtime	m2_c1_rtime_1	18.717777	FALSE		FALSE	AV:275
M2C2 RT Adj:							
/M2C2Rtime:		m2_c2_rtime_calib_1		FALSE		TRUE	
hr	Module 2 Comp 2 Runtime	m2_c2_rtime_1	18.328611	FALSE		FALSE	AV:276
M3C1 RT Adj:							
/M3C1Rtime:		m3_c1_rtime_calib_1		FALSE		TRUE	
hr	Module 3 Comp 1 Runtime	m3_c1_rtime_1	14.9580555	FALSE		FALSE	AV:277
M3C2 RT Adj:							
/M3C2Rtime:		m3_c2_rtime_calib_1		FALSE		TRUE	
hr	Module 3 Comp 2 Runtime	m3_c2_rtime_1	14.866389	FALSE		FALSE	AV:278
M4C1 RT Adj:							
/M4C1Rtime:		m4_c1_rtime_calib_1		FALSE		TRUE	
hr	Module 4 Comp 1 Runtime	m4_c1_rtime_1	0.28694445	FALSE		FALSE	AV:279
M4C2 RT Adj:							
/M4C2Rtime:		m4_c2_rtime_calib_1		FALSE		TRUE	

## STANDBY

hr	Module 4 Comp 2 Runtime	m4_c2_rtime_1	0.20583333	FALSE	FALSE	AV:280
M5C1 RT Adj: /M5C1Rtime:		m5_c1_rtime_calib_1		FALSE	TRUE	
hr	Module 5 Comp 1 Runtime	m5_c1_rtime_1	0.27583334	FALSE	FALSE	AV:281
M5C2 RT Adj: /M5C2Rtime:		m5_c2_rtime_calib_1		FALSE	TRUE	
hr	Module 5 Comp 2 Runtime	m5_c2_rtime_1	0.0	FALSE	FALSE	AV:282
M6C1 RT Adj: /M6C1Rtime:		m6_c1_rtime_calib_1		FALSE	TRUE	
hr	Module 6 Comp 1 Runtime	m6_c1_rtime_1	0.12944445	FALSE	FALSE	AV:283
M6C2 RT Adj: /M6C2Rtime:		m6_c2_rtime_calib_1		FALSE	TRUE	
hr	Module 6 Comp 2 Runtime	m6_c2_rtime_1	0.0	FALSE	FALSE	AV:284
M7C1 RT Adj: /M7C1Rtime:		m7_c1_rtime_calib_1		FALSE	TRUE	
hr	Module 7 Comp 1 Runtime	m7_c1_rtime_1	0.0027777778	FALSE	FALSE	AV:285
M7C2 RT Adj: /M7C2Rtime:		m7_c2_rtime_calib_1		FALSE	TRUE	
hr	Module 7 Comp 2 Runtime	m7_c2_rtime_1	0.0	FALSE	FALSE	AV:286

LINK(S): PREV, SYSTEM SETUP, HOME, ALARM

## ALL COMPR CYCLES STATUS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
CoolLogic Compressor Cycles Status							
M1C1 Cycles:	Module 1 Comp 1 Cycles	m1_c1_cycles_5	13.0	FALSE		FALSE	AV:194
/M5C1 Cycles:	Module 5 Comp 1 Cycles	m5_c1_cycles_5	0.0	FALSE		FALSE	AV:462
M1C2 Cycles:	Module 1 Comp 2 Cycles	m1_c2_cycles_5	12.0	FALSE		FALSE	AV:207
/M5C2 Cycles:	Module 5 Comp 2 Cycles	m5_c2_cycles_5	1.0	FALSE		FALSE	AV:467
M2C1 Cycles:	Module 2 Comp 1 Cycles	m2_c1_cycles_5	12.0	FALSE		FALSE	AV:214
/M6C1 Cycles:	Module 6 Comp 1 Cycles	m6_c1_cycles_5	2.0	FALSE		FALSE	AV:472
M2C2 Cycles:	Module 2 Comp 2 Cycles	m2_c2_cycles_5	11.0	FALSE		FALSE	AV:221
/M6C2 Cycles:	Module 6 Comp 2 Cycles	m6_c2_cycles_5	0.0	FALSE		FALSE	AV:477
M3C1 Cycles:	Module 3 Comp 1 Cycles	m3_c1_cycles_5	4.0	FALSE		FALSE	AV:103
/M7C1 Cycles:	Module 7 Comp 1 Cycles	m7_c1_cycles_5	1.0	FALSE		FALSE	AV:654
M3C2 Cycles:	Module 3 Comp 2 Cycles	m3_c2_cycles_5	4.0	FALSE		FALSE	AV:116
/M7C2 Cycles:	Module 7 Comp 2 Cycles	m7_c2_cycles_5	0.0	FALSE		FALSE	AV:661
M4C1 Cycles:	Module 4 Comp 1 Cycles	m4_c1_cycles_5	1.0	FALSE		FALSE	AV:215
M4C2 Cycles:	Module 4 Comp 2 Cycles	m4_c2_cycles_5	1.0	FALSE		FALSE	AV:224

LINK(S): PREV, SYSTEM SETUP, HOME, ALARM

## MODULE SIZE STATUS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
Module Size Status Only Legend							
Mod1 Size:[ ]/ 1= Not Used /2=Cool Mod	Mod 1 Size	m1_size_st_1	4.0	FALSE	1	FALSE	AV:98
Mod2 Size:[ ]/ 3=Heat Mod /4=Open Mod	Mod 2 Size	m2_size_st_1	4.0	FALSE	1	FALSE	AV:99
Mod3 Size:[ ]	Mod 3 Size	m3_size_st_1	4.0	FALSE	1	FALSE	AV:84
Mod4 Size:[ ]	Mod 4 Size	m4_size_st_1	4.0	FALSE	1	FALSE	AV:444
Mod5 Size:[ ]	Mod 5 Size	m5_size_st_1	4.0	FALSE	1	FALSE	AV:445
Mod6 Size:[ ]	Mod 6 Size	m6_size_st_1	4.0	FALSE	1	FALSE	AV:446
Mod7 Size:[ ]	Mod 7 Size	m7_size_st_1	4.0	FALSE	1	FALSE	AV:52

### STANDBY

LINK(S): [PREV](#), [ALARM](#), [SYSTEM SETUP](#), [CLOCKSET](#)

#### MOD MOT VLV OPEN-CL STATUS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
Module Mot Vlv Open-Closed Status	Use Header Bypass Valves	bypass_go_1	On	No, Yes		TRUE	BV:160
Use External Header Bypass Valves?	Header Bypass Delay Before Close	hdr_byp_delay_before_close_5	120.0	FALSE	0	TRUE	AV:106
Hold Open Hdr Byp aft Close Signal:	Close Mot Vlv Delay	close_vlv_delay_5	120.0	FALSE	0	TRUE	AV:273
Source Hdr Bypass Vlv Status:	Source Header Ext Bypass Valve	src_hdr_ext_byp_vlv_1	On	Closed, Open		FALSE	BV:831
Cool Header Bypass Vlv Status:	Cool Header Ext Bypass Valve	cl_hdr_ext_byp_vlv_1	On	Closed, Open		FALSE	BV:829
Heat Header Bypass Vlv Status:	Heat Header Ext Bypass Valve	ht_hdr_ext_byp_vlv_1	On	Closed, Open		FALSE	BV:830
Mod1 Cool Mot Valve Open Status:	Module 1 Cool Open	m1_cool_open_5	On	Closed, Open		FALSE	BV:796
Mod1 Heat Mot Valve Open Status:	Module 1 Heat Open	m1_heat_open_5	Off	Closed, Open		FALSE	BV:797
Mod2 Cool Mot Valve Open Status:	Module 2 Cool Open	m2_cool_open_5	On	Closed, Open		FALSE	BV:798
Mod2 Heat Mot Valve Open Status:	Module 2 Heat Open	m2_heat_open_5	Off	Closed, Open		FALSE	BV:799
Mod3 Cool Mot Valve Open Status:	Module 3 Cool Open	m3_cool_open_5	On	Closed, Open		FALSE	BV:800
Mod3 Heat Mot Valve Open Status:	Module 3 Heat Open	m3_heat_open_5	Off	Closed, Open		FALSE	BV:801
Mod4 Cool Mot Valve Open Status:	Module 4 Cool Open	m4_cool_open_5	On	Closed, Open		FALSE	BV:802
Mod4 Heat Mot Valve Open Status:	Module 4 Heat Open	m4_heat_open_5	Off	Closed, Open		FALSE	BV:803
Mod5 Cool Mot Valve Open Status:	Module 5 Cool Open	m5_cool_open_5	On	Closed, Open		FALSE	BV:804
Mod5 Heat Mot Valve Open Status:	Module 5 Heat Open	m5_heat_open_5	Off	Closed, Open		FALSE	BV:805
Mod6 Cool Mot Valve Open Status:	Module 6 Cool Open	m6_cool_open_5	On	Closed, Open		FALSE	BV:806
Mod6 Heat Mot Valve Open Status:	Module 6 Heat Open	m6_heat_open_5	Off	Closed, Open		FALSE	BV:807
Mod7 Cool Mot Valve Open Status:	Module 7 Cool Open	m7_cool_open_5	Off	Closed, Open		FALSE	BV:808
Mod7 Heat Mot Valve Open Status:	Module 7 Heat Open	m7_heat_open_5	Off	Closed, Open		FALSE	BV:809

LINK(S): [PREV](#), [STATUS](#), [HOME](#), [ALARM](#)

#### MOD MOT VLV SIGNAL TO CLOSE

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
Module Mot Vlv Signal to Close Status	Use Header Bypass Valves	bypass_go_1	On	No, Yes		TRUE	BV:160
Use External Header Bypass Valves?	Header Bypass Delay Before Close	hdr_byp_delay_before_close_5	120.0	FALSE	0	TRUE	AV:106
Hold Open Hdr Byp aft Close Signal:	Close Mot Vlv Delay	close_vlv_delay_5	120.0	FALSE	0	TRUE	AV:273
Source Hdr Bypass Vlv Status:	Source Header Ext Bypass Valve	src_hdr_ext_byp_vlv_1	On	Closed, Open		FALSE	BV:831
Cool Header Bypass Vlv Status:	Cool Header Ext Bypass Valve	cl_hdr_ext_byp_vlv_1	On	Closed, Open		FALSE	BV:829
Heat Header Bypass Vlv Status:	Heat Header Ext Bypass Valve	ht_hdr_ext_byp_vlv_1	On	Closed, Open		FALSE	BV:830

## LOCAL ACCESS DISPLAY TABLE

Product Line: UCH  
Chiller Type: SHC-HP

### STANDBY

Mod1 Ht Mot Vlv Signal to Close:	Module 1 Heat MV Closed	m1_ht_closed_5	Off	No, Yes	FALSE	BV:262
Mod2 Ht Mot Vlv Signal to Close:	Module 2 Heat MV Closed	m2_ht_closed_5	Off	No, Yes	FALSE	BV:273
Mod3 Ht Mot Vlv Signal to Close:	Module 3 Heat MV Closed	m3_ht_closed_5	Off	No, Yes	FALSE	BV:277
Mod4 Ht Mot Vlv Signal to Close:	Module 4 Heat MV Closed	m4_ht_closed_5	Off	No, Yes	FALSE	BV:279
Mod5 Ht Mot Vlv Signal to Close:	Module 5 Heat MV Closed	m5_ht_closed_5	Off	No, Yes	FALSE	BV:281
Mod6 Ht Mot Vlv Signal to Close:	Module 6 Heat MV Closed	m6_ht_closed_5	Off	No, Yes	FALSE	BV:283
Mod7 Ht Mot Vlv Signal to Close:	Module 7 Heat MV Closed	m7_ht_closed_5	Off	No, Yes	FALSE	BV:285
Mod1 Cl Mot Vlv Signal to Close:	Module 1 Cool MV Closed	m1_cl_closed_5	On	No, Yes	FALSE	BV:258
Mod2 Cl Mot Vlv Signal to Close:	Module 2 Cool MV Closed	m2_cl_closed_5	On	No, Yes	FALSE	BV:269
Mod3 Cl Mot Vlv Signal to Close:	Module 3 Cool MV Closed	m3_cl_closed_5	On	No, Yes	FALSE	BV:275
Mod4 Cl Mot Vlv Signal to Close:	Module 4 Cool MV Closed	m4_cl_closed_5	On	No, Yes	FALSE	BV:278
Mod5 Cl Mot Vlv Signal to Close:	Module 5 Cool MV Closed	m5_cl_closed_5	On	No, Yes	FALSE	BV:280
Mod6 Cl Mot Vlv Signal to Close:	Module 6 Cool MV Closed	m6_cl_closed_5	On	No, Yes	FALSE	BV:282
Mod7 Cl Mot Vlv Signal to Close:	Module 7 Cool MV Closed	m7_cl_closed_5	On	No, Yes	FALSE	BV:284

LINK(S): PREV, STATUS, HOME, ALARM

### HEAT BIN LOAD CAP% STATUS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
CoolLogic Heat BinLoad Cap% Status							
HeatBin 10% (h)		heat_bin_0010_1		FALSE		FALSE	
/ HeatBin 60% (h)		heat_bin_5060_1		FALSE		FALSE	
HeatBin 20% (h)		heat_bin_1020_1		FALSE		FALSE	
/ HeatBin 70% (h)		heat_bin_6070_1		FALSE		FALSE	
HeatBin 30% (h)		heat_bin_2030_1		FALSE		FALSE	
/ HeatBin 80% (h)		heat_bin_7080_1		FALSE		FALSE	
HeatBin 40% (h)		heat_bin_3040_1		FALSE		FALSE	
/ HeatBin 90% (h)		heat_bin_8090_1		FALSE		FALSE	
HeatBin 50% (h)		heat_bin_4050_1		FALSE		FALSE	
/HeatBin 100% (h)		heat_bin_90100_1		FALSE		FALSE	
Reset Hours in ALL Heat Bins:		heat_bin_reset_1		Off, On		TRUE	

LINK(S): PREV, SYSTEM SETUP, HOME, ALARM

### COOL BIN LOAD CAP% STATUS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
CoolLogic Cool BinLoad Cap% Status							
CoolBin 10% (h)		cool_bin_0010_1		FALSE		FALSE	
/ CoolBin 60% (h)		cool_bin_5060_1		FALSE		FALSE	
CoolBin 20% (h)		cool_bin_1020_1		FALSE		FALSE	
/ CoolBin 70% (h)		cool_bin_6070_1		FALSE		FALSE	
CoolBin 30% (h)		cool_bin_2030_1		FALSE		FALSE	
/ CoolBin 80% (h)		cool_bin_7080_1		FALSE		FALSE	
CoolBin 40% (h)		cool_bin_3040_1		FALSE		FALSE	
/ CoolBin 90% (h)		cool_bin_8090_1		FALSE		FALSE	
CoolBin 50% (h)		cool_bin_4050_1		FALSE		FALSE	
/CoolBin 100% (h)		cool_bin_90100_1		FALSE		FALSE	
Reset Hours in ALL Cool Bins:		cool_bin_reset_1		Off, On		TRUE	

LINK(S): PREV, SYSTEM SETUP, HOME, ALARM

### SYSTEM SETUP FN2

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
CoolLogic System Setup FN2							

LINK(S): GENERAL SYS SETTINGS, HEAT & COOL SETPOINT MENUS, SELECT % HEAT/COOL CONTROL SCHEME, ALARM LOCKOUT RESET, CHILLER OPER STATUS, SCHEDULES, PREV, STATUS, HOME, ALARM

### GENERAL SYS SETTINGS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
CoolLogic General System Settings							

## STANDBY

Archive Now to Save Your Settings?	Force Archive	force_archive_1	Off	No, Yes		TRUE	BV:323
Chiller Control Type	Control Type	control_type_1	Simultaneous	Cool Cntrl, Heat Cntrl, Heat Rcvry, Simultaneous		TRUE	MSV:2
Heat Mode Status:	Chiller Heat Run Cmd	run_heat_1	Off	Off, On		FALSE	BV:575
/Heat ModeBAS:	Heat Enable (BAS)	enable_bas_heat_1	On	Off, On		TRUE	BV:577
Cool Mode Status:	Chiller Cool Run Cmd	run_cool_1	Off	Off, On		FALSE	BV:574
/Cool ModeBAS:	Cool Enable (BAS)	enable_bas_cool_1	On	Off, On		TRUE	BV:576
Chiller Control Source	Control Source	control_source_1	Digital Input	Dig Input, Keypad, BAS		TRUE	MSV:1
Enable Chiller from Keypad?	Unit Enable (keypad)	enable_keypad_1	On	Off, On		TRUE	BV:111
Mod Ref Type	Module Compr Ref Type	mod_comp_ref_type_5	410a	410a, 134a		TRUE	MSV:20
Chiller Model Type:	Chiller Model Type	chiller_model_type_5	UCH	UCW, UCH, UCR		TRUE	MSV:33
Chiller Model Size:	Chiller Model Size	chiller_model_size_5	50	UC030, UC050, UC070		TRUE	MSV:8
Are Reversng Vlvs SeparateOutputs?	Use Separate Reversing Valve Outputs	separate_reversing_vlvs_5	Yes	No, Yes		TRUE	BV:308
Cool Design Delta Temp	FULL LD COOL DES TD	cool_design_dt_1	-10.0	FALSE	-30	TRUE	AV:48
Heat Design Delta Temp	FULL LD HEAT DES TD	heat_design_dt_1	10.0	FALSE	1	TRUE	AV:49
Use High Amb Tmp Limit?		hi_amb_tmp_lim_1		No, Yes		TRUE	
Start Delay of Non-Crit Alarms: (s)	Start-Up Alarm Delay	startup_alarm_delay_1	600.0 sec	FALSE	0	TRUE	AV:523
Software Version: UCH.SHC-HP.12b.13							

LINK(S): PREV, SYSTEM SETUP, HOME, ALARM

## HEAT & COOL SETPOINT MENUS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
CoolLogic Heat and Cool Setpoints							

LINK(S): COOL MODE SETPOINT, HEAT MODE SETPOINT, SELECT % HEAT/COOL CONTROL SCHEME, REMOTE HEAT & COOL SETPOINT ADJUST, HEAT TRG RESET ON SOURCE WATER OUT, COOL TRG RESET ON SOURCE WATER OUT, CHANNELS 8 & 11 SETUP, PREV, SYSTEM SETUP, HOME, ALARM

## COOL MODE SETPOINT

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
CoolLogic Cool Mode Setpoint Menu							
Cool Mode Status:	Chiller Cool Run Cmd	run_cool_1	Off	Off, On		FALSE	BV:574
/Cool ModeBAS:	Cool Enable (BAS)	enable_bas_cool_1	On	Off, On		TRUE	BV:576
Local Cool Wat Out Setpt: (F)	COOL LVG TRG	chw_temp_stp_1	44.0 °F	FALSE	20	TRUE	AV:41
Min Cool Wat Out Setpt: (F)	MIN COOL TRG LIM	min_chw_temp_stp_1	42.0 °F	FALSE	16	TRUE	AV:96
Max Cool Wat Out Setpt: (F)	MAX COOL TRG LIM	max_chw_temp_stp_1	72.0 °F	FALSE	16	TRUE	AV:89
Remote Cool Wat Out Setpt: (F)	Remote CHW Setpoint	rem_chw_stp_stat_1	61.6125 °F	FALSE	0	FALSE	AV:243
Rem Max Neg CHW Setpt Reset: (F)	MAX NEG DEM LIM COOL RESET	max_neg_chw_stp_reset_1	0.0 °F	FALSE	0	TRUE	AV:92
Rem Max Pos CHW Setpt Reset: (F)	MAX POS DEM LIM COOL RESET	max_pos_chw_stp_reset_1	8.0 °F	FALSE	0	TRUE	AV:94
Remote Cool Wat Out Reset: (F)	Remote CHW Setpoint Reset	rem_chw_stp_reset_1	0.0 °F	FALSE	0	FALSE	AV:242
Active Cool Wat Out Setpt: (F)	Active CHW Setpoint	chw_stp_stat_1	44.0 °F	FALSE	0	FALSE	AV:13
Cool Control Setpoint Offset: (F)	Cool Control Setpoint Offset	cl_cntrl_spt_offset_1	0.0	FALSE	-30	TRUE	AV:29

LINK(S): PREV, SYSTEM SETUP, HOME, ALARM

## HEAT MODE SETPOINT

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
CoolLogic Heat Mode Setpoint Menu							
Heat Mode Status:	Chiller Heat Run Cmd	run_heat_1	Off	Off, On		FALSE	BV:575
/Heat ModeBAS:	Heat Enable (BAS)	enable_bas_heat_1	On	Off, On		TRUE	BV:577
Local Cond Wat Out Setpt: (F)	HEAT LVG TRG	cw_temp_stp_1	130.0 °F	FALSE	20	TRUE	AV:61
Min Heat Wat Out Setpt: (F)	MIN HEAT TRG LIM	min_cw_temp_stp_1	62.0 °F	FALSE	20	TRUE	AV:97
Max Heat Wat Out Setpt: (F)	MAX HEAT TRG LIM	max_cw_temp_stp_1	130.0 °F	FALSE	20	TRUE	AV:91



## STANDBY

Remote Cond Wat Out Setpt: (F)	Remote CW Setpoint	rem_cw_stp_stat_1	90.73 °F	FALSE	50	FALSE	AV:246
Rem Max Neg CHW Setpt Reset: (F)	MAX NEG DEM LIM HEAT RESET	max_neg_cw_stp_reset_1	0.0 °F	FALSE	0	TRUE	AV:188
Rem Max Pos CHW Setpt Reset: (F)	MAX POS DEM LIM HEAT RESET	max_pos_cw_stp_reset_1	-10.0 °F	FALSE	0	TRUE	AV:190
Remote Heat Wat Out Reset: (F)	Remote CW Dem Lim Stpt Reset	rem_cw_stp_reset_1	0.0 °F	FALSE	0	FALSE	AV:247
Active Cond Wat Out Setpt: (F)	Active Htg Setpoint	cw_stp_stat_1	130.0 °F	FALSE	40	FALSE	AV:14
Heat Control Setpoint Offset: (F)	HeatControl Setpoint Offset	ht_cntrl_spt_offset_1	0.8	FALSE	-30	TRUE	AV:34

**LINK(S): PREV, SYSTEM SETUP, HOME, ALARM**

## REMOTE HEAT & COOL SETPOINT ADJUST

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
Master Control Remote Setpoint Adjust							
Input Chn#10Type:	Input Chnl 10 Type	inp_10_point_type_1	NONE	None, Remote Heat Trg		TRUE	MSV:23
Min Heat Wat Out Setpt: (F)	MIN HEAT TRG LIM	min_cw_temp_stp_1	62.0 °F	FALSE	20	TRUE	AV:97
Max Heat Wat Out Setpt: (F)	MAX HEAT TRG LIM	max_cw_temp_stp_1	130.0 °F	FALSE	20	TRUE	AV:91
Input Chn#10Scaling:	AI10 Type Rem Ht Trg	an_inp10_typ_1	NONE	NONE, 4-20 ma, 2-10VDC		TRUE	MSV:21
Input Chn#6 Type:	Input Chnl 6 Type	inp_6_point_type_1	NONE	None, Remote Cool Trg		TRUE	MSV:27
Min Cool Wat Out Setpt: (F)	MIN COOL TRG LIM	min_chw_temp_stp_1	42.0 °F	FALSE	16	TRUE	AV:96
Max Cool Wat Out Setpt: (F)	MAX COOL TRG LIM	max_chw_temp_stp_1	72.0 °F	FALSE	16	TRUE	AV:89
Input Chn#6 Scaling:	AI6 Type Off is 0-10	an_inp6_typ_1	NONE	NONE, 4-20 ma, 2-10VDC		TRUE	MSV:30

**LINK(S): PREV, SYSTEM SETUP, HOME**

## HEAT TRG RESET ON SOURCE WATER OUT

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
CoolLogic Heat Tgr Reset on Source Out							
Heat Trg Reset on Source Out:	SOURCE HT TRG RESET	source_ht_trg_reset_1	0.0	Off, On		TRUE	AV:367
Max Source to Scale Cond Trg: (F)	MAX SOURCE HTG TRG RES	max_source_htg_trg_reset_1	22.0 °F	FALSE	15	TRUE	AV:363
Min Source to Scale Cond Trg: (F)	MIN SOURCE HTG TRG RESET	min_source_htg_trg_reset_1	31.0 °F	FALSE	15	TRUE	AV:364
Max Scaling Cond Trg: (F)	SOURCE HEAT TRG Max RES	source_htg_trg_max_reset_1	-18.0 °F	FALSE	0	TRUE	AV:365
Min Scaling Cond Trg: (F)	SOURCE HEAT TRG MIN RES	source_htg_trg_min_reset_1	0.0 °F	FALSE	0	TRUE	AV:366

**LINK(S): PREV, SYSTEM SETUP, HOME**

## COOL TRG RESET ON SOURCE WATER OUT

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
CoolLogic Cool Tgr Reset on Source Out							
Cool Trg Reset on Source Out:	SOURCE CL TRG RESET	source_cl_trg_reset_1	0.0	Off, On		TRUE	AV:690
Max Source to Scale Cool Trg: (F)	MAX SOURCE CLG TRG RES	max_source_clg_trg_reset_1	135.0 °F	FALSE	50	TRUE	AV:688
Min Source to Scale Cool Trg: (F)	MIN SOURCE CLG TRG RESET	min_source_clg_trg_reset_1	115.0 °F	FALSE	50	TRUE	AV:689
Max Scaling Cool Trg: (F)	SOURCE COOL TRG Max RES	source_clg_trg_max_reset_1	20.0 °F	FALSE	0	TRUE	AV:691
Min Scaling Cool Trg: (F)	SOURCE COOL TRG MIN RES	source_clg_trg_min_reset_1	0.0 °F	FALSE	0	TRUE	AV:692

**LINK(S): PREV, SYSTEM SETUP, HOME**

## ALARM LOCKOUT RESET FN3

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
CoolLogic Alarm Lockout Reset FN3							
Sensor Out of Range Alm Reset:	Reset Sensor OOR Alarm	reset_oor_1	No	Off, On		TRUE	BV:105
Master Pnl Temp Lockout Reset:	LOCK OUT RESET	reset_1	Off	Off, On		TRUE	BV:27

## STANDBY

**LINK(S): RESET ALL MODULE ALARMS AT ONCE, RESET COMP ALARMS, RESET MODULE FREEZE ALARMS, RESET COMP RUNTIME & CYCLES, RESET MODULE SENSOR OOR ALARMS, PREV, SYSTEM SETUP, HOME, ALARM**

### RESET ALL MODULE ALARMS AT ONCE

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
CoolLogic Reset Module Alarms at Once							
Reset ALL Module#1 Alarms at Once?	Reset M1 All Slave Alarms	m1_reset_all_slave_alarms_5	Off	No, Yes		TRUE	BV:690
Reset ALL Module#2 Alarms at Once?	Reset M2 All Slave Alarms	m2_reset_all_slave_alarms_5	Off	No, Yes		TRUE	BV:691
Reset ALL Module#3 Alarms at Once?	Reset M3 All Slave Alarms	m3_reset_all_slave_alarms_5	Off	No, Yes		TRUE	BV:692
Reset ALL Module#4 Alarms at Once?	Reset M4 All Slave Alarms	m4_reset_all_slave_alarms_5	Off	No, Yes		TRUE	BV:693
Reset ALL Module#5 Alarms at Once?	Reset M5 All Slave Alarms	m5_reset_all_slave_alarms_5	Off	No, Yes		TRUE	BV:694
Reset ALL Module#6 Alarms at Once?	Reset M6 All Slave Alarms	m6_reset_all_slave_alarms_5	Off	No, Yes		TRUE	BV:695
Reset ALL Module#7 Alarms at Once?	Reset M7 All Slave Alarms	m7_reset_all_slave_alarms_5	Off	No, Yes		TRUE	BV:734

**LINK(S): PREV, SYSTEM SETUP, HOME**

### RESET COMP ALARMS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
CoolLogic Reset Compr Alarms							
M1C1 in Alarm?	Module 1 Comp 1 Fail	m1_comp1_fail_5	Off	No, Yes		FALSE	BV:351
/M1C1Reset Alm?	M1C1 Alarm Reset	m1reset_c1_alm_5	Off	No, Yes		TRUE	BV:38
M1C2 in Alarm?	Module 1 Comp 2 Fail	m1_comp2_fail_5	Off	No, Yes		FALSE	BV:354
/M1C2Reset Alm?	M1C2 Alarm Reset	m1reset_c2_alm_5	Off	No, Yes		TRUE	BV:41
M2C1 in Alarm?	Module 2 Comp 1 Fail	m2_comp1_fail_5	Off	No, Yes		FALSE	BV:357
/M2C1Reset Alm?	M2C1 Alarm Reset	m2reset_c1_alm_5	Off	No, Yes		TRUE	BV:48
M2C2 in Alarm?	Module 2 Comp 2 Fail	m2_comp2_fail_5	Off	No, Yes		FALSE	BV:360
/M2C2Reset Alm?	M2C2 Alarm Reset	m2reset_c2_alm_5	Off	No, Yes		TRUE	BV:42
M3C1 in Alarm?	Module 3 Comp 1 Fail	m3_comp1_fail_5	Off	No, Yes		FALSE	BV:93
/M3C1Reset Alm?	M3C1 Alarm Reset	m3reset_c1_alm_5	Off	No, Yes		TRUE	BV:84
M3C2 in Alarm?	Module 3 Comp 2 Fail	m3_comp2_fail_5	Off	No, Yes		FALSE	BV:97
/M3C2Reset Alm?	M3C2 Alarm Reset	m3reset_c2_alm_5	Off	No, Yes		TRUE	BV:88
M4C1 in Alarm?	Module 4 Comp 1 Fail	m4_comp1_fail_5	On	No, Yes		FALSE	BV:375
/M4C1Reset Alm?	M4C1 Alarm Reset	m4reset_c1_alm_5	Off	No, Yes		TRUE	BV:266
M4C2 in Alarm?	Module 4 Comp 2 Fail	m4_comp2_fail_5	On	No, Yes		FALSE	BV:379
/M4C2Reset Alm?	M4C2 Alarm Reset	m4reset_c2_alm_5	Off	No, Yes		TRUE	BV:271
M5C1 in Alarm?	Module 5 Comp 1 Fail	m5_comp1_fail_5	On	No, Yes		FALSE	BV:385
/M5C1Reset Alm?	M5C1 Alarm Reset	m5reset_c1_alm_5	Off	No, Yes		TRUE	BV:345
M5C2 in Alarm?	Module 5 Comp 2 Fail	m5_comp2_fail_5	On	No, Yes		FALSE	BV:389
/M5C2Reset Alm?	M5C2 Alarm Reset	m5reset_c2_alm_5	Off	No, Yes		TRUE	BV:349
M6C1 in Alarm?	Module 6 Comp 1 Fail	m6_comp1_fail_5	On	No, Yes		FALSE	BV:402
/M6C1Reset Alm?	M6C1 Alarm Reset	m6reset_c1_alm_5	Off	No, Yes		TRUE	BV:366
M6C2 in Alarm?	Module 6 Comp 2 Fail	m6_comp2_fail_5	On	No, Yes		FALSE	BV:412
/M6C2Reset Alm?	M6C2 Alarm Reset	m6reset_c2_alm_5	Off	No, Yes		TRUE	BV:370
M7C1 in Alarm?	Module 7 Comp 1 Fail	m7_comp1_fail_5	On	No, Yes		FALSE	BV:711
/M7C1Reset Alm?	M7C1 Alarm Reset	m7reset_c1_alm_5	Off	No, Yes		TRUE	BV:697
M7C2 in Alarm?	Module 7 Comp 2 Fail	m7_comp2_fail_5	On	No, Yes		FALSE	BV:721
/M7C2Reset Alm?	M7C2 Alarm Reset	m7reset_c2_alm_5	Off	No, Yes		TRUE	BV:701

**LINK(S): PREV, SYSTEM SETUP, HOME**

### RESET MODULE FREEZE ALARMS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
CoolLogic Reset Module Freeze Alarms							
M1 inFreezAlm?	Module 1 Freeze Alarm	m1_freeze_alm_5	No	No, Yes		FALSE	BV:175
/M1 FreezReset?	Reset Mot1 Vlv Fail	m1_reset_freeze_5	Off	No, Yes		TRUE	BV:56
M1 in CWR Alm? (/)	Module 1 Leaving Cond Water Alarm	m1_cwr_alm_5	No	No, Yes		FALSE	BV:157
M2 inFreezAlm?	Module 2 Freeze Alarm	m2_freeze_alm_5	No	No, Yes		FALSE	BV:190
/M2 FreezReset?	Reset Mot2 Vlv Fail	m2_reset_freeze_5	Off	No, Yes		TRUE	BV:57

## LOCAL ACCESS DISPLAY TABLE

Product Line: UCH  
Chiller Type: SHC-HP

### STANDBY

M2 in CWR Alm? (/)	Module 2 Leaving Cond Water Alarm	m2_cwr_alm_5	No	No, Yes	FALSE	BV:668
M3 inFreezAlm?	Module 3 Freeze Alarm	m3_freeze_alm_5	No	No, Yes	FALSE	BV:192
/M3 FreezReset?	Reset Mot3 Vlv Fail	m3_reset_freeze_5	Off	No, Yes	TRUE	BV:150
M3 in CWR Alm? (/)	Module 3 Leaving Cond Water Alarm	m3_cwr_alm_5	No	No, Yes	FALSE	BV:669
M4 inFreezAlm?	Module 4 Freeze Alarm	m4_freeze_alm_5	No	No, Yes	FALSE	BV:193
/M4 FreezReset?	Reset Mot4 Vlv Fail	m4_reset_freeze_5	Off	No, Yes	TRUE	BV:432
M4 in CWR Alm? (/)	Module 4 Leaving Cond Water Alarm	m4_cwr_alm_5	No	No, Yes	FALSE	BV:670
M5 inFreezAlm?	Module 5 Freeze Alarm	m5_freeze_alm_5	No	No, Yes	FALSE	BV:194
/M5 FreezReset?	Reset Mot5 Vlv Fail	m5_reset_freeze_5	Off	No, Yes	TRUE	BV:443
M5 in CWR Alm? (/)	Module 5 Leaving Cond Water Alarm	m5_cwr_alm_5	No	No, Yes	FALSE	BV:676
M6 inFreezAlm?	Module 6 Freeze Alarm	m6_freeze_alm_5	No	No, Yes	FALSE	BV:195
/M6 FreezReset?	Reset Mot6 Vlv Fail	m6_reset_freeze_5	Off	No, Yes	TRUE	BV:444
M6 in CWR Alm? (/)	Module 6 Leaving Cond Water Alarm	m6_cwr_alm_5	No	No, Yes	FALSE	BV:100
M7 inFreezAlm?	Module 7 Freeze Alarm	m7_freeze_alm_5	No	No, Yes	FALSE	BV:732
/M7 FreezReset?	Reset Mot7 Vlv Fail	m7_reset_freeze_5	Off	No, Yes	TRUE	BV:735
M7 in CWR Alm? (/)	Module 7 Leaving Cond Water Alarm	m7_cwr_alm_5	No	No, Yes	FALSE	BV:101

[LINK\(S\): PREV, SYSTEM SETUP, HOME](#)

### RESET COMP RUNTIME & CYCLES

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
Reset Compr Runtime & Cycles Menu							
M1C1Reset Runtm	M1C1 Runtime Reset	m1reset_c1_rtim_5	Off	No, Yes		TRUE	BV:40
/M1C1Reset Cyc	M1C1 Cycles Reset	m1c1_cycles_reset_5	Off	No, Yes		TRUE	BV:45
M1C2Reset Runtm	M1C2 Runtime Reset	m1reset_c2_rtim_5	Off	No, Yes		TRUE	BV:44
/M1C2Reset Cyc	M1C2 Cycles Reset	m1c2_cycles_reset_5	Off	No, Yes		TRUE	BV:46
M2C1Reset Runtm	M2C1 Runtime Reset	m2reset_c1_rtim_5	Off	No, Yes		TRUE	BV:51
/M2C1Reset Cyc	M2C1 Cycles Reset	m2c1_cycles_reset_5	Off	No, Yes		TRUE	BV:49
M2C2Reset Runtm	M2C2 Runtime Reset	m2reset_c2_rtim_5	Off	No, Yes		TRUE	BV:54
/M2C2Reset Cyc	M2C2 Cycles Reset	m2c2_cycles_reset_5	Off	No, Yes		TRUE	BV:52
M3C1Reset Runtm	M3C1 Runtime Reset	m3reset_c1_rtim_5	Off	No, Yes		TRUE	BV:87
/M3C1Reset Cyc	M3C1 Cycles Reset	m3c1_cycles_reset_5	Off	No, Yes		TRUE	BV:85
M3C2Reset Runtm	M3C2 Runtime Reset	m3reset_c2_rtim_5	Off	No, Yes		TRUE	BV:91
/M3C2Reset Cyc	M3C2 Cycles Reset	m3c2_cycles_reset_5	Off	No, Yes		TRUE	BV:89
M4C1Reset Runtm	M4C1 Runtime Reset	m4reset_c1_rtim_5	Off	No, Yes		TRUE	BV:270
/M4C1Reset Cyc	M4C1 Cycles Reset	m4c1_cycles_reset_5	Off	No, Yes		TRUE	BV:267
M4C2Reset Runtm	M4C2 Runtime Reset	m4reset_c2_rtim_5	Off	No, Yes		TRUE	BV:343
/M4C2Reset Cyc	M4C2 Cycles Reset	m4c2_cycles_reset_5	Off	No, Yes		TRUE	BV:341
M5C1Reset Runtm	M5C1 Runtime Reset	m5reset_c1_rtim_5	Off	No, Yes		TRUE	BV:348
/M5C1Reset Cyc	M5C1 Cycles Reset	m5c1_cycles_reset_5	Off	No, Yes		TRUE	BV:346
M5C2Reset Runtm	M5C2 Runtime Reset	m5reset_c2_rtim_5	Off	No, Yes		TRUE	BV:364
/M5C2Reset Cyc	M5C2 Cycles Reset	m5c2_cycles_reset_5	Off	No, Yes		TRUE	BV:350
M6C1Reset Runtm	M6C1 Runtime Reset	m6reset_c1_rtim_5	Off	No, Yes		TRUE	BV:369
/M6C1Reset Cyc	M6C1 Cycles Reset	m6c1_cycles_reset_5	Off	No, Yes		TRUE	BV:367
M6C2Reset Runtm	M6C2 Runtime Reset	m6reset_c2_rtim_5	Off	No, Yes		TRUE	BV:373
/M6C2Reset Cyc	M6C2 Cycles Reset	m6c2_cycles_reset_5	Off	No, Yes		TRUE	BV:371
M7C1Reset Runtm	M7C1 Runtime Reset	m7reset_c1_rtim_5	Off	No, Yes		TRUE	BV:700
/M7C1Reset Cyc	M7C1 Cycles Reset	m7c1_cycles_reset_5	Off	No, Yes		TRUE	BV:698
M7C2Reset Runtm	M7C2 Runtime Reset	m7reset_c2_rtim_5	Off	No, Yes		TRUE	BV:704
/M7C2Reset Cyc	M7C2 Cycles Reset	m7c2_cycles_reset_5	Off	No, Yes		TRUE	BV:702

[LINK\(S\): PREV, SYSTEM SETUP, HOME](#)

### RESET MODULE SENSOR OOR ALARMS

## STANDBY

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
CoolLogic Reset Module Sensor OOR Alms							
M1C1 inOOR Alm?	Module 1 Comp 1 Sensor OOR	m1_comp1_oor_5	Off	No, Yes		FALSE	BV:605
/ Reset M1 OOR?	M1 Sensor OOR Reset	m1_oor_sl_reset_5	Off	No, Yes		TRUE	BV:601
M1C2 inOOR Alm? (/)	Module 1 Comp 2 Sensor OOR	m1_comp2_oor_5	Off	No, Yes		FALSE	BV:606
M2C1 inOOR Alm?	Module 2 Comp 1 Sensor OOR	m2_comp1_oor_5	Off	No, Yes		FALSE	BV:607
/ Reset M2 OOR?	M2 Sensor OOR Reset	m2_oor_sl_reset_5	Off	No, Yes		TRUE	BV:602
M2C2 inOOR Alm? (/)	Module 2 Comp 2 Sensor OOR	m2_comp2_oor_5	Off	No, Yes		FALSE	BV:608
M3C1 inOOR Alm?	Module 3 Comp 1 Sensor OOR	m3_comp1_oor_5	Off	No, Yes		FALSE	BV:609
/ Reset M3 OOR?	M3 Sensor OOR Reset	m3_oor_sl_reset_5	Off	No, Yes		TRUE	BV:603
M3C2 inOOR Alm? (/)	Module 3 Comp 2 Sensor OOR	m3_comp2_oor_5	Off	No, Yes		FALSE	BV:610
M4C1 inOOR Alm?	Module 4 Comp 1 Sensor OOR	m4_comp1_oor_5	Off	No, Yes		FALSE	BV:611
/ Reset M4 OOR?	M4 Sensor OOR Reset	m4_oor_sl_reset_5	Off	No, Yes		TRUE	BV:604
M4C2 inOOR Alm? (/)	Module 4 Comp 2 Sensor OOR	m4_comp2_oor_5	Off	No, Yes		FALSE	BV:612
M5C1 inOOR Alm?	Module 5 Comp 1 Sensor OOR	m5_comp1_oor_5	On	No, Yes		FALSE	BV:674
/ Reset M5 OOR?	M5 Sensor OOR Reset	m5_oor_sl_reset_5	Off	No, Yes		TRUE	BV:477
M5C2 inOOR Alm? (/)	Module 5 Comp 2 Sensor OOR	m5_comp2_oor_5	Off	No, Yes		FALSE	BV:675
M6C1 inOOR Alm?	Module 6 Comp 1 Sensor OOR	m6_comp1_oor_5	Off	No, Yes		FALSE	BV:707
/ Reset M6 OOR?	M6 Sensor OOR Reset	m6_oor_sl_reset_5	Off	No, Yes		TRUE	BV:696
M6C2 inOOR Alm? (/)	Module 6 Comp 2 Sensor OOR	m6_comp2_oor_5	On	No, Yes		FALSE	BV:708
M7C1 inOOR Alm?	Module 7 Comp 1 Sensor OOR	m7_comp1_oor_5	Off	No, Yes		FALSE	BV:713
/ Reset M7 OOR?	M7 Sensor OOR Reset	m7_oor_sl_reset_5	Off	No, Yes		TRUE	BV:706
M7C2 inOOR Alm? (/)	Module 7 Comp 2 Sensor OOR	m7_comp2_oor_5	Off	No, Yes		FALSE	BV:723

LINK(S): *PREV, SYSTEM SETUP, HOME*

## ALL MODULE COMP UNLOAD STATUS FN5

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
CoolLogic All Module Compr Unloads FN5							

LINK(S): *MOD1 COMPR UNLOAD STATUS, MOD2 COMPR UNLOAD STATUS, MOD3 COMPR UNLOAD STATUS, MOD4 COMPR UNLOAD STATUS, MOD5 COMPR UNLOAD STATUS, MOD6 COMPR UNLOAD STATUS, MOD7 COMPR UNLOAD STATUS, PREV, SYSTEM SETUP, HOME, ALARM*

### MOD1 COMPR UNLOAD STATUS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
CoolLogic Module 1 Compr Unload Status							
M1C1 Low Suct Press Unload :	Module 1 Comp 1 Suct Pressure Unload	m1_c1_lo_suc_psi_unld_5	Off	Off, On		FALSE	BV:199
M1C2 Low Suct Press Unload :	Module 1 Comp 2 Suct Pressure Unload	m1_c2_lo_suc_psi_unld_5	Off	Off, On		FALSE	BV:203
M1C1 XLow Suct Press Unload :	Module 1 Comp 1 XLow Suct Pressure Unload	m1_c1_lolo_suc_psi_unld_5	Off	Off, On		FALSE	BV:650
M1C2 XLow Suct Press Unload :	Module 1 Comp 2 XLow Suct Pressure Unload	m1_c2_lolo_suc_psi_unld_5	Off	Off, On		FALSE	BV:651
M1C1 Low Suct Temp Unload :	Module 1 Comp 1 Suct Temp Unload	m1_c1_lo_suc_tmp_unld_5	Off	Off, On		FALSE	BV:200
M1C2 Low Suct Temp Unload :	Module 1 Comp 2 Suct Temp Unload	m1_c2_lo_suc_tmp_unld_5	Off	Off, On		FALSE	BV:204
M1 Evap Freeze Temp Unload :	Module 1 Freeze trg Unload	m1_freeze_trg_unld_5	Off	Off, On		FALSE	BV:205
M1 Cond WatOut Temp Unload :	Module 1 CWR trg Unload	m1_cwr_trg_unld_5	Off	Off, On		FALSE	BV:652
M1C1 High Dis Press Unload :	Module 1 Comp 1 Dis Pressure Unload	m1_c1_hi_dis_psi_unld_5	Off	Off, On		FALSE	BV:197
M1C2 High Dis Press Unload :	Module 1 Comp 2 Dis Pressure Unload	m1_c2_hi_dis_psi_unld_5	Off	Off, On		FALSE	BV:201
M1C1 Hi Suc Supr Ht Unload :	Module 1 Comp 1 Dis Temp Unload	m1_c1_hi_suc_sh_unld_5	Off	Off, On		FALSE	BV:218

## LOCAL ACCESS DISPLAY TABLE

Product Line: UCH  
Chiller Type: SHC-HP

### STANDBY

M1C2 Hi Suc Supr Ht Unload :	Module 1 Comp 2 Dis Temp Unload	m1_c2_hi_suc_sh_unld_5	Off	Off, On	FALSE	BV:276
M1C1 Compressor No-Run Unload :	Module 1 Comp 1 No Run Unload	m1_c1_no_run_unld_5	Off	Off, On	FALSE	BV:161
M1C2 Compressor No-Run Unload :	Module 1 Comp 2 No Run Unload	m1_c2_no_run_unld_5	Off	Off, On	FALSE	BV:164

LINK(S): [PREV](#), [SYSTEM SETUP](#), [HOME](#), [ALARM](#)

### MODULE FACTORY SETUP FN6

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
CoolLogic Module Factory Setup FN6							

LINK(S): [REFRIGERANT TYPE](#), [REFRIG TMP & PRESS SENSORS AVAIL](#), [REFRIG TMP & PSI ALARM SETPTS](#), [LO SUC SPRHT & LO DISCH SPRHT SETPTS](#), [COMPR MIN MAX RUN TIMES](#), [COMPR ALARM DELAY](#), [MODULE WATER TEMP LIMITS](#), [PREV](#), [SYSTEM SETUP](#), [HOME](#), [ALARM](#)

#### REFRIGERANT TYPE

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
CoolLogic Refrigerant Setup Menu							
Mod Ref Type	Module Compr Ref Type	mod_comp_ref_type_5	410a	410a, 134a		TRUE	MSV:20
Chiller Model Type:	Chiller Model Type	chiller_model_type_5	UCH	UCW, UCH, UCR		TRUE	MSV:33
NOTE: Select the Smallest Model Size							
Chiller Model Size:	Chiller Model Size	chiller_model_size_5	50	UC030, UC050, UC070		TRUE	MSV:8

LINK(S): [PREV](#), [SYSTEM SETUP](#), [HOME](#)

#### REFRIG TMP & PRESS SENSORS AVAIL

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
Avail. Sensor Menu Temp. & Pressure							
Dis Pres Avail	Module DISCH PSI AVAIL	mod_disch_psi_avail_5	On	Off, On		TRUE	BV:393
/Suc Pres Avail	Module SUC PSI AVAIL	mod_suc_psi_avail_5	On	Off, On		TRUE	BV:396
Suc Temp Avail	Module SUC TMP AVAIL	mod_suc_tmp_avail_5	On	Off, On		TRUE	BV:397
Avail. Sensor Menu Water Temp.							
Leaving Cond Water Temp CWR Avail	Module CWR AVAIL	mod_cwr_avail_5	On	Off, On		TRUE	BV:173
EnablCWR LoAlm	Module CWR Enable Low Limit	mod_cwr_lo_enable_5	On	Off, On		TRUE	BV:409
/EnablCHS HiAlm	Module CWR Enable High Limit	mod_chs_hi_enable_5	On	Off, On		TRUE	BV:400

LINK(S): [PREV](#), [SYSTEM SETUP](#), [HOME](#)

#### REFRIG TMP & PSI ALARM SETPTS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
Refrig. Temp. & Press. Alarm Settings							
DisPrAlm410UCW	High Head Press Sp 410a UCW	mod_hi_disch_press_sp_410_ucw_5	385.0	FALSE	250	TRUE	AV:370
/DisPrAlm410UCH	High Head Press Sp 410a UCH-UCR	mod_hi_disch_press_sp_410_uchr_5	560.0	FALSE	300	TRUE	AV:369
DisPrAlm134UCH	High Head Press Sp 134a UCH-UCR	mod_hi_disch_press_sp_134_uchr_5	380.0	FALSE	200	TRUE	AV:390
Mod Active Status DisPr Alm SP:	Module Hi Disch Press Setpt	mod_hi_disch_press_sp_5	560.0	FALSE		FALSE	AV:421
Low Dis Pr Alm SP R134a	Low Head Press Sp 134a	mod_lo_disch_press_sp_134_5	105.0	FALSE	10	TRUE	AV:439
Low Dis Pr Alm SP R410a	Low Head Press Sp 410a	mod_lo_disch_press_sp_410_5	265.0	FALSE	10	TRUE	AV:507
Mod Active Status Low DisPr Alm SP:	Module Lo Disch Press Setpt	mod_lo_disch_press_sp_5	265.0	FALSE		FALSE	AV:499
High SucPr 410	High Suction Press Sp 410a	mod_high_suct_press_sp_410_5	150.0	FALSE	10	TRUE	AV:391
/High SucPr 134	High Suction Press Sp 134a	mod_high_suct_press_sp_134_5	85.0	FALSE	10	TRUE	AV:438
Mod Active Status Hi SucPr Alm SP:	Module High Suction Press Setpt	mod_high_suct_press_sp_5	150.0	FALSE	10	FALSE	AV:581

## STANDBY

Mod Extra Low SucPr Alm SP:	Module LO-LO SUC PSI Setpoint	mod_low_low_press_sp_5	10.0	FALSE	0	TRUE	AV:588
Mod SucPr Time Delay Before Alarm:	Module LO SUC PSI Delay	mod_lo_suc_psi_delay_5	30.0	FALSE	0	TRUE	AV:589
HEAT MODE / COOL MODE							
Heat Lo Suc Tp	Module Heat Low Suction Temp	mod_heat_lo_suction_tmp_5	32.0	FALSE	0	TRUE	AV:252
/Cool Lo Suc Tp	Module Cool Low Suction Temp	mod_cool_lo_suction_tmp_5	32.0	FALSE	0	TRUE	AV:237
SucPr Alm 410a	Heat Low Suction Press Sp 410a	mod_heat_lo_suc_press_sp_410_5	90.0	FALSE	10	TRUE	AV:231
/SucPr Alm 410a	Cool Low Suction Press Sp 410a	mod_cool_lo_suc_press_sp_410_5	90.0	FALSE	10	TRUE	AV:95
SucPr Alm 134a	Heat Low Suction Press Sp 134a	mod_heat_lo_suc_press_sp_134_5	25.0	FALSE	2	TRUE	AV:203
/SucPr Alm 134a	Cool Low Suction Press Sp 134a	mod_cool_lo_suc_press_sp_134_5	25.0	FALSE	2	TRUE	AV:93
Htg Low SucPr:	Module Heat Low Suction Press Setpt	mod_heat_low_press_sp_5	90.0	FALSE		FALSE	AV:245
/Clg Low SucPr:	Module Cool Low Suction Press Setpt	mod_cool_low_press_sp_5	90.0	FALSE		FALSE	AV:236

LINK(S): PREV, SYSTEM SETUP, HOME

## LO SUC SPRHT & LO DISCH SPRHT SETPTS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
CoolLogic Suc&Dis SuperHt Alm Setpts							
Module Lo Suction Superheat Setpt:	Module Low Suct SuperHt Setpt	mod_lo_suc_supht_sp_5	2.0	FALSE		TRUE	AV:430
Module Hi Suction Superheat Setpt:	Module High Suct SuperHt Setpt	mod_hi_suc_supht_sp_5	30.0	FALSE		TRUE	AV:585
Use Hi Suc SH Setpt forCmp Cutout:	Module SUC TMP AVAIL	mod_suc_tmp_avail_5	On	No, Yes		TRUE	BV:397
Module Lo Discharge SuperHT Setpt:	Module Low Disch SuperHt Setpt	mod_lo_disc_supht_sp_5	15.0	FALSE		TRUE	AV:427

LINK(S): PREV, SYSTEM SETUP, HOME

## COMPR MIN MAX RUN TIMES

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
Compressor Min & Max Run Times							
Compr Minimum On Time (sec)	Module Compr Min Run Time	mod_cmpr_min_run_5	60.0	FALSE	1	TRUE	AV:413
Compr Minimum Off Time (sec)	Module Compr Min Off Delay	mod_cmpr_off_delay_5	180.0	FALSE	1	TRUE	AV:412

LINK(S): PREV, ALARM, SYSTEM SETUP, CLOCKSET

## COMPR ALARM DELAY

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
CoolLogic Compr Alarm Delays							
Mod Compr Status Delay Before Alm:	Module Compr Status Alarm Delay	mod_comp_stat_alm_delay_5	990.0	FALSE	5	TRUE	AV:414

LINK(S): PREV, SYSTEM SETUP, HOME, ALARM

## MODULE WATER TEMP LIMITS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
CoolLogic Module Water Out Temp Limits							
Mod Cool Evp Wat Out Lo Limit: (F)	Module Cool Freeze Target Setpoint	mod_cool_freeze_trg_sp_5	35.0	FALSE	10	TRUE	AV:232
Mod Cool Evp Wat Out Hi Limit: (F)	Module Cool High Evaporator Leaving Temp	mod_cool_high_evap_lvg_tmp_5	140.0	FALSE	10	TRUE	AV:234
Mod Cool Cnd Wat Out Lo Limit: (F)	Module Cool Low Condenser Leaving Temp. @ Startup	mod_cool_low_cond_lvg_tmp_5	45.0	FALSE	10	TRUE	AV:235
Mod Cool Cnd Wat Out Hi Limit: (F)	Module Cool High Cond Leaving Temp at Startup	mod_cool_cwr_trg_sp_5	140.0	FALSE	10	TRUE	AV:233

## LOCAL ACCESS DISPLAY TABLE

Product Line: UCH  
Chiller Type: SHC-HP

### STANDBY

Mod Heat Evp Wat Out Lo Limit: (F)	Module Heat Freeze Target Setpoint	mod_heat_freeze_trg_sp_5	34.0	FALSE	10	TRUE	AV:238
Mod Heat Evp Wat Out Hi Limit: (F)	Module Heat High Evaporator Leaving Temp at Startup	mod_heat_high_evap_lvg_tmp_5	140.0	FALSE	10	TRUE	AV:241
Mod Heat Cnd Wat Out Lo Limit: (F)	Module Heat Low Condenser Leaving Temp. @ Startup	mod_heat_low_cond_lvg_tmp_5	45.0	FALSE	10	TRUE	AV:244
Mod Heat Cnd Wat Out Hi Limit: (F)	Module Heat High Cond Leaving Temp at Startup	mod_heat_cwr_trg_sp_5	140.0	FALSE	10	TRUE	AV:240

LINK(S): [PREV](#), [SYSTEM SETUP](#), [HOME](#)

### SERVICE MENU SETUP FN7

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
CoolLogic Service Menu Setup FN7 FN5							

LINK(S): [DIAGNOSTICS MANUAL MODE](#), [CALIB WATER TEMPS](#), [CALIB WATER DIFF PRESS](#), [MODULE SENSOR CALIBRATION MENU](#), [WATER & AIR TEMP LIMITS](#), [LOCK WATER TEMPS](#), [MODULE WATER TEMP LIMITS](#), [ALL MODULE COMP UNLOAD STATUS](#), [RESET COMP ALARMS](#), [RESET MODULE SENSOR OOR ALARMS](#), [RESET COMP RUNTIME & CYCLES](#), [MANUAL DISABLE COMPRESSOR MENU](#), [MODULE ALARM CONDITION RETRIES](#), [MODULATING MOT VALVE SETTINGS](#), [MOTORIZED VALVE OPTION](#), [MODE TIME DELAY SETTINGS](#), [KEYPAD](#), [PREV](#), [SYSTEM SETUP](#), [HOME](#), [ALARM](#)

### DIAGNOSTICS MANUAL MODE

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
(/) (/)		, Manual Mode M1, Manual Mode M2					
Link (/)		Manual Mode M3, Manual Mode M4					
Link (/)		Manual Mode M5, Manual Mode M6					

LINK(S): [MANUAL MODE M7](#), [LOCK WATER TEMPS](#), [PREV](#), [SYSTEM SETUP](#), [HOME](#), [ALARM](#)

### MANUAL MODE M1

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
M1 Manual Mode	M1 Manual Mode Enable	m1_man_mode_5	Off	Off, On		TRUE	BV:47
M1C1 Manual ON	M1C1 Manual Run	m1c1_man_run_5	Off	Off, On		TRUE	BV:39
M1C1 Status:	Module 1 Comp 1 Status	m1_comp1_status_5	Off	Off, On		FALSE	BV:352
M1C2 Manual ON	M1C2 Manual Run	m1c2_man_run_5	Off	Off, On		TRUE	BV:43
M1C2 Status:	Module 1 Comp 2 Status	m1_comp2_status_5	Off	Off, On		FALSE	BV:355
M1 Manual Cool Mode	M1 Manual Cool Run	m1_mancool_run_5	Off	Off, On		TRUE	BV:782
M1 Manual Heat Mode	M1 Manual Heat Run	m1_manheat_run_5	Off	Off, On		TRUE	BV:783
Max Time Allowed in Manual Mode: (s)	Man Mode Time	man_mode_time_5	1900.0	FALSE	1	TRUE	AV:356
Force Termination of Manual Mode?	M1 Force Termination of Manual Mode	m1_forceman_5	Off	No, Yes		TRUE	BV:820

LINK(S): [PREV](#), [SERVICE MENU SETUP](#), [HOME](#)

### CALIB WATER TEMPS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
Cool InSens: (F)		chwr_temp_1		FALSE		FALSE	
/Cool Wat In: (F)	CHWR In Temp Status	chwr_stat_1	60.9	FALSE		FALSE	AV:16
Cool In Calib Offset: (F)		chwr_cali_point_1		FALSE	-199	TRUE	
CoolOutSens: (F)		chws_temp_1		FALSE		FALSE	
/Cool WatOut: (F)	CHWS Out Temp Status	chws_stat_1	57.7	FALSE		FALSE	AV:17
Cool Out Calib Offset: (F)		chws_cali_point_1		FALSE	-199	TRUE	
HeatOut Sens: (F)		cwr_temp_1		FALSE		FALSE	
/HeatWtrOut: (F)	CWR Out Status	cwr_stat_1	95.5	FALSE		FALSE	AV:42
Heat Out Calib Offset: (F)		cwr_cali_point_1		FALSE	-199	TRUE	
Heat In Sens: (F)		cws_temp_1		FALSE		FALSE	



## STANDBY

/HeatWtr In: (F)	CWS In Temp Status	cws_stat_1	94.1 °F	FALSE		FALSE	AV:43
Heat In Calib Offset: (F)		cws_calib_point_1		FALSE	-199	TRUE	
Outdoor Sens: (F)		oat_1		FALSE		FALSE	
/Outdr Air : (F)		oat_stat_1		FALSE		FALSE	
Outdoor Air Calib Offset: (F)	SWR Out Status	oat_calib_point_1		FALSE	-199	TRUE	
SourcOutSens: (F)		swr_temp_1		FALSE		FALSE	
/Source Out: (F)		swr_stat_1	106.1	FALSE		FALSE	AV:535
Source Water Out Calib Offset: (F)		swr_calib_point_1		FALSE	-199	TRUE	
SourcIn Sens: (F)	SWS In Temp Status	sws_temp_1		FALSE		FALSE	
/Source In: (F)		sws_stat_1	109.7	FALSE		FALSE	AV:538
Source Water In Calib Offset:		sws_calib_point_1		FALSE	-199	TRUE	

LINK(S): PREV, SYSTEM SETUP, HOME

## CALIB WATER DIFF PRESS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
Cool Water Dif Psi Stat:	Diff Press Cool Load	diff_press_cool_load_1	48.94 psi	FALSE		FALSE	AV:164
Cool PsiCalib Offset:		chwpsi_calib_point_1		FALSE	-199	TRUE	
Heat Water Dif Psi Stat:	Diff Press Heat Load	diff_press_heat_load_1	26.539558 psi	FALSE		FALSE	AV:165
Heat Psi Calib Offset:		cwpsi_calib_point_1		FALSE	-199	TRUE	
Source Water Dif Psi Stat:	Diff Press Source	diff_press_source_load_1	48.94 °F	FALSE		FALSE	AV:129
Source Water Psi Calib Offset:		srcpsi_calib_point_1		FALSE	-199	TRUE	

LINK(S): PREV, SYSTEM SETUP, HOME

## MODULE 1 SENSOR CALIBRATION

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
ClimaCool Module 1 Water Calibrations							
Load OutCal: (F)	M1 Load Temp Calib. Point	m1_load_temp_cp_5	0.0	FALSE	-250	TRUE	AV:101
/LoadOutSt: (F)	M1 Load Leaving Temp	m1_load_temp_stat_5	69.4	FALSE		FALSE	AV:87
SRCOutCal: (F)	M1 SRC Temp Calib. Point	m1_src_temp_cp_5	0.0	FALSE	-250	TRUE	AV:111
/SRC OutStat: (F)	M1 Source Leaving Temp	m1_src_temp_stat_5	118.1	FALSE		FALSE	AV:104
ClimaCool Module 1 Refrig Calibrations							
C1DisPresCal: (psi)	M1C1 DIS Pressure Calib. Point	m1c1_disch_pres_cp_5	0.0	FALSE	-250	TRUE	AV:392
/C1DisPr: (psi)	Module 1 Comp 1 Disch Press	m1_c1_disch_pres_stat_5	367.3	FALSE	0	FALSE	AV:113
C2DisPresCal: (psi)	M1C2 DIS Pressure Calib. Point	m1c2_disch_pres_cp_5	0.0	FALSE	-250	TRUE	AV:396
/C2DisPr: (psi)	Module 1 Comp 2 Discharge Pressure	m1_c2_disch_pres_stat_5	366.6	FALSE	0	FALSE	AV:204
C1SucPresCal: (psi)	M1C1 SUC Pressure Calib. Point	m1c1_suc_pres_cp_5	0.0	FALSE	-250	TRUE	AV:394
/C1SucPr: (ps)	Module 1 Comp 1 Suction Pressure	m1_c1_suc_pres_stat_5	122.4	FALSE		FALSE	AV:175
C2SucPresCal: (psi)	M1C2 SUC Pressure Calib. Point	m1c2_suc_pres_cp_5	0.0	FALSE	-250	TRUE	AV:398
/C2SucPr: (ps)	Module 1 Comp 2 Suction Pressure	m1_c2_suc_pres_stat_5	122.5	FALSE		FALSE	AV:211
C1SucTempCal: (F)	M1C1 SUC Temp Calib. Point	m1c1_suc_tmp_cp_5	0.0	FALSE	-250	TRUE	AV:395
/C1SucTp: (F)	Module 1 Comp 1 Suction Temp	m1_c1_suct_temp_stat_5	46.5	FALSE		FALSE	AV:179
C2SucTempCal: (F)	M1C2 SUC Temp Calib. Point	m1c2_suc_tmp_cp_5	0.0	FALSE	-250	TRUE	AV:399
/C2SucTp: (F)	Module 1 Comp 2 Suction Temp	m1_c2_suct_temp_stat_5	46.2	FALSE		FALSE	AV:213

LINK(S): PREV, SYSTEM SETUP, HOME

## LOCK WATER TEMPS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
Evap Wat In Lock :		lock_chwr_1		Off, On		TRUE	
Evap Wat In Lock Value : (F)		chwr_lock_val_1		FALSE	28	TRUE	



## LOCAL ACCESS DISPLAY TABLE

Product Line: UCH  
Chiller Type: SHC-HP

### STANDBY

Evap Wat Out Lock:	lock_chws_1		Off, On		TRUE	
Evap Wat Out Lock Value: (F)	chws_lock_val_1		FALSE	28	TRUE	
Cond Wat In Lock :	lock_cws_1		Off, On		TRUE	
Cond Wat In Lock Value : (F)	cws_lock_val_1		FALSE	25	TRUE	
Cond Wat Out Lock:	lock_cwr_1		Off, On		TRUE	
Cond Wat Out Lock Value: (F)	cwr_lock_val_1		FALSE	25	TRUE	
Outdoor Air Lock:	lock_oat_1		Off, On		TRUE	
Outdoor Air Lock Value: (F)	oat_lock_val_1		FALSE	-20	TRUE	
Source Wat In Lock :	lock_sws_1		Off, On		TRUE	
Source Wat In Lock Value : (F)	sws_lock_val_1		FALSE	25	TRUE	
Source Wat Out Lock:	lock_swr_1		Off, On		TRUE	
Source Wat Out Lock Value: (F)	swr_lock_val_1		FALSE	25	TRUE	

LINK(S): PREV, SYSTEM SETUP, HOME

### MANUAL DISABLE COMPRESSOR MENU

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
Manual Disable Compressor Menu							
Manually Disable Mod#1 Comp#1?	M1C1 Disable Compr	m1c1_disable_comp_5	Off	No, Yes		TRUE	BV:309
Manually Disable Mod#1 Comp#2?	M1C2 Disable Compr	m1c2_disable_comp_5	Off	No, Yes		TRUE	BV:310
Manually Disable Mod#2 Comp#1?	M2C1 Disable Compr	m2c1_disable_comp_5	Off	No, Yes		TRUE	BV:311
Manually Disable Mod#2 Comp#2?	M2C2 Disable Compr	m2c2_disable_comp_5	Off	No, Yes		TRUE	BV:312
Manually Disable Mod#3 Comp#1?	M3C1 Disable Compr	m3c1_disable_comp_5	Off	No, Yes		TRUE	BV:313
Manually Disable Mod#3 Comp#2?	M3C2 Disable Compr	m3c2_disable_comp_5	Off	No, Yes		TRUE	BV:314
Manually Disable Mod#4 Comp#1?	M4C1 Disable Compr	m4c1_disable_comp_5	Off	No, Yes		TRUE	BV:315
Manually Disable Mod#4 Comp#2?	M4C2 Disable Compr	m4c2_disable_comp_5	Off	No, Yes		TRUE	BV:316
Manually Disable Mod#5 Comp#1?	M5C1 Disable Compr	m5c1_disable_comp_5	Off	No, Yes		TRUE	BV:317
Manually Disable Mod#5 Comp#2?	M5C2 Disable Compr	m5c2_disable_comp_5	Off	No, Yes		TRUE	BV:318
Manually Disable Mod#6 Comp#1?	M6C1 Disable Compr	m6c1_disable_comp_5	Off	No, Yes		TRUE	BV:319
Manually Disable Mod#6 Comp#2?	M6C2 Disable Compr	m6c2_disable_comp_5	Off	No, Yes		TRUE	BV:320
Manually Disable Mod#7 Comp#1?	M7C1 Disable Compr	m7c1_disable_comp_5	Off	No, Yes		TRUE	BV:321
Manually Disable Mod#7 Comp#2?	M7C2 Disable Compr	m7c2_disable_comp_5	Off	No, Yes		TRUE	BV:322

LINK(S): PREV, ALARM, SYSTEM SETUP, CLOCKSET

### MODULE ALARM CONDITION RETRIES

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
Module Alarm Condition Retries							
Module Hi Disch Press Retry:	Module HI DIS PSI RETRY	mod_hi_dis_psi_retry_5	5.0	FALSE	0	TRUE	AV:423
Module Low Suct Press Retry:	Module LO SUC PSI RETRY	mod_lo_suc_psi_retry_5	5.0	FALSE	0	TRUE	AV:425
Module Freeze Target Retry:	Module FREEZE TRG RETRY	mod_freeze_trg_retry_5	5.0	FALSE	0	TRUE	AV:418
Module Hi Cond Water Retry:	Module CWR TRG RETRY	mod_cwr_trg_retry_5	5.0	FALSE	0	TRUE	AV:582
Module Low Suct Temp Retry:	Module LO SUC TMP RETRY	mod_lo_suc_tmp_retry_5	5.0	FALSE	0	TRUE	AV:426
Module Compr No-Run Retry:	Module Compressor No-Run RETRY	mod_compr_norun_retry_5	1.0	FALSE	0	TRUE	AV:268

LINK(S): PREV, ALARM, SYSTEM SETUP, CLOCKSET

### MASTER MICRO FACTORY SETUP FN8

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
CoolLogic Master Ctrlr Fact Setup FN8							

LINK(S): MODULE USE SELECTOR,MODULE NUMBER SELECTION,FIX MODULES AS HEAT OR COOL,SELECT % HEAT/COOL CONTROL SCHEME,DEMAND LIMITING SETUP, PID COOL STG1 SETUP,PID HEAT STG1 SETUP,MOTORIZED VALVE OPTION,MODULATING MOT VALVE SETTINGS,REMOTE HEAT & COOL SETPOINT ADJUST, HEAT TRG RESET ON SOURCE WATER OUT,COOL TRG RESET ON SOURCE WATER OUT,CHANNELS 8 & 11 SETUP,CHANNELS 8 & 11 CUSTOM AI SETUP,WATER & AIR TEMP LIMITS, MODE TIME DELAY SETTINGS,STARTUP & STAGE DELAYS,COMPR SEQUENCING METHOD,TRIM COOL & TRIM HEAT MOD SELECTOR,PREV, SYSTEM SETUP, HOME, ALARM

### MODULE USE SELECTOR

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location

## STANDBY

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
UNUSED Module Selector Screen Legend							
Declare Module #1 as UNUSED?:	Module 1 Unused	mod1_unused_1	No	No, Yes		TRUE	BV:599
Declare Module #2 as UNUSED?:	Module 2 Unused	mod2_unused_1	No	No, Yes		TRUE	BV:600
Declare Module #3 as UNUSED?:	Module 3 Unused	mod3_unused_1	No	No, Yes		TRUE	BV:672
Declare Module #4 as UNUSED?:	Module 4 Unused	mod4_unused_1	No	No, Yes		TRUE	BV:736
Declare Module #5 as UNUSED?:	Module 5 Unused	mod5_unused_1	No	No, Yes		TRUE	BV:743
Declare Module #6 as UNUSED?:	Module 6 Unused	mod6_unused_1	No	No, Yes		TRUE	BV:755
Declare Module #7 as UNUSED?:	Module 7 Unused	mod7_unused_1	No	No, Yes		TRUE	BV:779

LINK(S): PREV, ALARM, SYSTEM SETUP, CLOCKSET

## MODULE NUMBER SELECTION

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
Module Number Select (Must be 1 to 7)							
Module #1 Number:	M1 Module Number	m1_mod_number_5	1.0	FALSE	0	TRUE	AV:695
Module #2 Number:	M2 Module Number	m2_mod_number_5	2.0	FALSE	0	TRUE	AV:696
Module #3 Number:	M3 Module Number	m3_mod_number_5	3.0	FALSE	0	TRUE	AV:697
Module #4 Number:	M4 Module Number	m4_mod_number_5	4.0	FALSE	0	TRUE	AV:698
Module #5 Number:	M5 Module Number	m5_mod_number_5	5.0	FALSE	0	TRUE	AV:699
Module #6 Number:	M6 Module Number	m6_mod_number_5	6.0	FALSE	0	TRUE	AV:700
Module #7 Number:	M7 Module Number	m7_mod_number_5	7.0	FALSE	0	TRUE	AV:701

LINK(S): PREV, ALARM, SYSTEM SETUP, CLOCKSET

## FIX MODULES AS HEAT OR COOL

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
FIX Module as Cool or Heat Selector							
Use External Header Bypass Valves?	Use Header Bypass Valves	bypass_go_1	On	No, Yes		TRUE	BV:160
Hold Open Hdr Byp aft Close Signal	Header Bypass Delay Before Close	hdr_byp_delay_before_close_5	120.0	FALSE	0	TRUE	AV:106
Hold Open Mod MV aft Close Signal:	Close Mot Vlv Delay	close_vlv_delay_5	120.0	FALSE	0	TRUE	AV:273
Fix Module #1 as Cool Module?:	Fix Mod1 as Cool	fix_module1_cool_1	No	No, Yes		TRUE	BV:117
Fix Module #1 as Heat Module?:	Fix Mod1 as Heat	fix_module1_heat_1	No	No, Yes		TRUE	BV:9
Never Close Module #1?:	Never Close Module #1	never_close_mod1_1	No	No, Yes		TRUE	BV:152
Fix Module #2 as Cool Module?:	Fix Mod2 as Cool	fix_module2_cool_1	No	No, Yes		TRUE	BV:12
Fix Module #2 as Heat Module?:	Fix Mod2 as Heat	fix_module2_heat_1	No	No, Yes		TRUE	BV:460
Never Close Module #2?:	Never Close Module #2	never_close_mod2_1	No	No, Yes		TRUE	BV:156
Fix Module #3 as Cool Module?:	Fix Mod3 as Cool	fix_module3_cool_1	No	No, Yes		TRUE	BV:552
Fix Module #3 as Heat Module?:	Fix Mod3 as Heat	fix_module3_heat_1	No	No, Yes		TRUE	BV:553
Never Close Module #3?:	Never Close Module #3	never_close_mod3_1	No	No, Yes		TRUE	BV:158
Fix Module #4 as Cool Module?:	Fix Mod4 as Cool	fix_module4_cool_1	No	No, Yes		TRUE	BV:555
Fix Module #4 as Heat Module?:	Fix Mod4 as Heat	fix_module4_heat_1	No	No, Yes		TRUE	BV:556
Never Close Module #4?:	Never Close Module #4	never_close_mod4_1	No	No, Yes		TRUE	BV:159
Fix Module #5 as Cool Module?:	Fix Mod5 as Cool	fix_module5_cool_1	No	No, Yes		TRUE	BV:568
Fix Module #5 as Heat Module?:	Fix Mod5 as Heat	fix_module5_heat_1	No	No, Yes		TRUE	BV:569
Never Close Module #5?:	Never Close Module #5	never_close_mod5_1	No	No, Yes		TRUE	BV:162
Fix Module #6 as Cool Module?:	Fix Mod6 as Cool	fix_module6_cool_1	No	No, Yes		TRUE	BV:571
Fix Module #6 as Heat Module?:	Fix Mod6 as Heat	fix_module6_heat_1	No	No, Yes		TRUE	BV:572
Never Close Module #6?:	Never Close Module #6	never_close_mod6_1	No	No, Yes		TRUE	BV:253
Fix Module #7 as Cool Module?:	Fix Mod7 as Cool	fix_module7_cool_1	No	No, Yes		TRUE	BV:573
Fix Module #7 as Heat Module?:	Fix Mod7 as Heat	fix_module7_heat_1	No	No, Yes		TRUE	BV:118
Never Close Module #7?:	Never Close Module #7	never_close_mod7_1	No	No, Yes		TRUE	BV:163

LINK(S): PREV, ALARM, SYSTEM SETUP, CLOCKSET

## SELECT % HEAT/COOL CONTROL SCHEME

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
%Heat & Cool Module Cntrl Scheme							
There are 3 Methods to Assign Max# of Heat &/or Cool Mods as shown below:							
1)Select % 'free' mods as Heat or Cool:							

## LOCAL ACCESS DISPLAY TABLE

Product Line: UCH  
Chiller Type: SHC-HP

### STANDBY

* Use %Heat/Cool Priority Method?	Use Heat/Cool Module Fractions	use_ht_cl_mod_fract_1	No	No, Yes		TRUE	BV:293
*Select Fraction of Mods as Cool:	Fraction of Cool Mods vs Total Mods	fract_cool_mods_1	0.5	FALSE	0	TRUE	AV:274
*Select Fraction of Mods as Heat:	Fraction of Heat Mods vs Total Mods	fract_heat_mods_1	0.5	FALSE	0	TRUE	AV:253
NOTE: Fract Cool Mods + Fract Heat Mods must be less than or equal to 1.0							
* Cool Cmpr Fract PID Overshoot:	Fraction of Cool Compressor PID Overshoot	fract_cool_cmpr_overshoot_1	0.5	FALSE	0	TRUE	AV:124
* Heat Cmpr Fract PID Overshoot:	Fraction of Heat Compressor PID Overshoot	fract_heat_cmpr_overshoot_1	0.5	FALSE	0	TRUE	AV:181
2)Or, See Demand Limiting Menu below:							
3)Or, See Fix Mods as Heat or Cool Menu:							

LINK(S): DEMAND LIMITING SETUP, FIX MODULES AS HEAT OR COOL, PREV, ALARM, SYSTEM SETUP, CLOCKSET

### DEMAND LIMITING SETUP

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
Master Control Demand Limiting Setup							
*****COOL MODE DEMAND LIMITING*****							
Input Chn#7 Type:	Input Chnl 7 Type	inp_7_point_type_1	DEMLIN numcmp reset	None, Demand Lim Cl TrgRst, Demand Lim Max #Cmp		TRUE	MSV:28
Max Neg Cool Out Trg Reset: (F)	MAX NEG DEM LIM COOL RESET	max_neg_chw_stp_reset_1	0.0 °F	FALSE	0	TRUE	AV:92
Max Pos Cool Out Trg Reset: (F)	MAX POS DEM LIM COOL RESET	max_pos_chw_stp_reset_1	8.0 °F	FALSE	0	TRUE	AV:94
Input Chn#7 Scaling:	AI7 Type Rem Cl Trg or Dem Lim	an_inp7_typ_1	0-10VDC	NONE, 4-20 ma, 2-10VDC		TRUE	MSV:31
Manual Select V-In Clg Cmp DemLim:	Manual Select Cool Demand Limiting	man_sel_clg_dem_lim_1	Off	Off, On		TRUE	BV:827
Simulate VDC IN Chnl 7 Dem Lim:	Volts In for Cool Comp Demand Limiting	voltin_clg_comp_dem_lim_1	6.0 °F	FALSE	0	TRUE	AV:693
NOTE: VDC of 2=NO DEMLim; 10=Full DEMLim; also Set Chnl#7 Scaling to 2-10 VDC							
*****HEAT MODE DEMAND LIMITING*****							
Input Ch1-5 Type:	Input Chnl 1-5 Type	inp_1_5_point_type_1	DEMLIN numcmp reset	None, Demand Lim Ht TrgRst, Demand Lim Max #Cmp		TRUE	MSV:5
Max Neg Heat Out Trg Reset: (F)	MAX NEG DEM LIM HEAT RESET	max_neg_cw_stp_reset_1	0.0 °F	FALSE	0	TRUE	AV:188
Max Pos Heat Out Trg Reset: (F)	MAX POS DEM LIM HEAT RESET	max_pos_cw_stp_reset_1	-10.0 °F	FALSE	0	TRUE	AV:190
Input Ch1-5 Scaling:	AI1-3 Type Rem Cl Trg or Dem Lim	an_inp1_5_typ_1	0-10VDC	NONE, 4-20 ma, 2-10VDC		TRUE	MSV:4
Manual Select V-In Htg Cmp DemLim:	Manual Select Heat Demand Limiting	man_sel_htg_dem_lim_1	Off	Off, On		TRUE	BV:828
Simulate VDC IN Ch#1-5 Dem Lim:	Volts In for Heat Comp Demand Limiting	voltin_htg_comp_dem_lim_1	6.0 °F	FALSE	0	TRUE	AV:694
NOTE: VDC of 2=NO DEMLim; 10=Full DEMLim; also Set Ch#1-5 Scaling to 2-10 VDC							

LINK(S): PREV, SYSTEM SETUP, HOME

## STANDBY

### PID COOL STG1 SETUP

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
CoolLogic Cool PID Stage #1 Setup							
Stage One Cool PID Output (%)	Stage 1 Cooling PID	stg1_clg_pid_1	0.0	FALSE		FALSE	AV:144
Stage One Cool PID Interval	Clg PID Interval	clg_interval_1	2.0 sec	FALSE	2	TRUE	AV:25
*****							
Use Pre-Calc PID Values Below?	Use Calculated P and I	use_calc_prop_integ_1	No	No, Yes		TRUE	BV:75
Stage One Cool PID P-Gain		calc_clg_proportional_1		FALSE	0	FALSE	
Stage One Cool PID I-Gain 1		calc_clg_integral_1		FALSE	0	FALSE	
Clg PID Rise: (%/min)		calc_clg_rise_1		FALSE	2	FALSE	
Clg PID Fall: (%/min)		calc_clg_fall_1		FALSE	2	FALSE	
*****							
Or Manually Select PID Values Below:							
Stage One Cool PID P-Gain	Clg PID P-gain	clg_p_gain_1	16.0	FALSE	0	TRUE	AV:26
Stage One Cool PID I-Gain 1	Clg PID I-gain	clg_i_gain_1	0.4	FALSE	0	TRUE	AV:24
Clg PID Rise: (%/min)	Clg PID Rise	clg_rise_1	4.0 sec	FALSE	2	TRUE	AV:138
Clg PID Fall: (%/min)	Clg PID Fall	clg_fall_1	28.0	FALSE	2	TRUE	AV:135
*****							
Use 2xRise if (Temp-Setpt) >"XX"?	Use Rise Doubler	use_double_rise_1	Yes	No, Yes		TRUE	BV:843
Set "XX" above equal to:	Clg PID Double Rise Amount	clg_dblrise_1	10.0 sec	FALSE	0	TRUE	AV:55
Max Cool Ramp Rate: (F) (/min)	MAX COOL RAMP RATE	max_cool_ramp_rate_1	10.0 °F/min	FALSE	-10	TRUE	AV:3
Cool Max PID Limit with Mot Vlv: (%)		max_cool_pid_lim_mv_1		FALSE	0	FALSE	
Max PID of Last Stgw/MVlv: (%)		max_pid_last_stg_mv_1		FALSE	100	TRUE	
Cool Deadbd1:	Clg PID DB1	clg_db1_1	0.5	FALSE	0	TRUE	AV:132
/Cool Deadbd2:		clg_db2_1		FALSE	0	TRUE	
Stage One Cool PID I-Gain 2		clg_ig2_1		FALSE	0	TRUE	
PID Switching Differential: (%)	PID Differential Factor	pid_diff_fact_1	7.0	FALSE	-100	TRUE	AV:617
Cool Cntrl Setpt Offset: (F)	Cool Control Setpoint Offset	cl_cntrl_spt_offset_1	0.0	FALSE	-25	TRUE	AV:29
Use Auto PID Reset if at Max PID?	Use Automatic PID Reset Feature	use_auto_pid_reset_1	Yes	No, Yes		TRUE	BV:306
Delay at Max PID before reset: (s)	Delay Before Auto PID Reset	delay_before_auto_pid_reset_1	60.0 sec	FALSE	0	TRUE	AV:287
Show Alarm if AutoPIDReset Occurs:	Use Automatic PID Reset Alarm	use_auto_pid_reset_alm_1	No	No, Yes		TRUE	BV:305

LINK(S): PREV, ALARM, SYSTEM SETUP, CLOCKSET

### PID HEAT STG1 SETUP

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
CoolLogic Heat PID Stage #1 Setup							
Stage One Heat PID Output (%)	Stage 1 Heating PID	stg1_htg_pid_1	0.0	FALSE		FALSE	AV:145
Stage One Heat PID Interval	Htg PID Interval	htg_interval_1	2.0 sec	FALSE	2	TRUE	AV:68
*****							
Use Pre-Calc PID Values Below?	Use Calculated P and I	use_calc_prop_integ_1	No	No, Yes		TRUE	BV:75
Stage One Heat PID P-Gain :		calc_htg_proportional_1		FALSE	0	FALSE	
Stage One Heat PID I-Gain 1:		calc_htg_integral_1		FALSE	0	FALSE	
Htg PID Rise: (%/min)		calc_htg_rise_1		FALSE	2	FALSE	
Htg PID Fall: (%/min)		calc_htg_fall_1		FALSE	2	FALSE	
*****							
Or Manually Select PID Values Below:							
Stage One Heat PID P-Gain :	Htg PID P-gain	htg_p_gain_1	16.0	FALSE	0	TRUE	AV:69
Stage One Heat PID I-Gain :	Htg PID I-gain	htg_i_gain_1	0.4	FALSE	0	TRUE	AV:67
Htg PID Rise: (%/min)	Htg PID Rise	htg_rise_1	3.3 sec	FALSE	2	TRUE	AV:182
Htg PID Fall: (%/min)	Htg PID Fall	htg_fall_1	28.0	FALSE	2	TRUE	AV:178
*****							
Use 2xRise if (Setpt-Temp) >"XX"?	Use Rise Doubler	use_double_rise_1	Yes	No, Yes		TRUE	BV:843
Set "XX" above equal to:	Htg PID Double Rise Amount	htg_dblrise_1	10.0 sec	FALSE	0	TRUE	AV:56
Max Heat Ramp Rate: (F) (/min)	MAX HEAT RAMP RATE	max_heat_ramp_rate_1	10.0 °F/min	FALSE	-10	TRUE	AV:9
Heat Max PID Limit with Mot Vlv: (%)		max_heat_pid_lim_mv_1		FALSE	0	FALSE	

## STANDBY

Max PID of Last Stgw/MVlv: (%)		max_pid_last_stgw_mv_1		FALSE	100	FALSE	
PID Switching Differential: (%)	PID Differential Factor	pid_diff_fact_1	7.0	FALSE	-100	TRUE	AV:617
Heat Cntrl Setpt Offset: (F)	HeatControl Setpoint Offset	ht_cntrl_spt_offset_1	0.8	FALSE	-25	TRUE	AV:34
Heat Deadbd1:	Htg PID DB1	htg_db1_1	0.5	FALSE	0	TRUE	AV:174
/Heat Deadbd2:		htg_db2_1		FALSE	0	TRUE	
Stage One Heat PID I-Gain 2:		htg_ig2_1		FALSE	0	TRUE	

LINK(S): PREV, ALARM, SYSTEM SETUP, CLOCKSET

## MOTORIZED VALVE OPTION

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
CoolLogic Motorized Valve Option							
Motorized Valves:	Motorized Valve Options	mot_valv_opt_5	MVCONDEVAP	No Mot Vlvs, Evap Mot Vlvs Only, Cond&Evap Mot Vlvs		TRUE	MSV:34
Cond Mot Vlv Delay Before Alarm:	Module COND VLV ALM DELAY	mod_cond_valv_alm_delay_5	990.0	FALSE	1	TRUE	AV:415
Evap Mot Vlv Delay Before Alarm:	Module EVAP VLV ALM DELAY	mod_evap_valv_alm_delay_5	990.0	FALSE	1	TRUE	AV:416
Low Head Press Setpoint Status:	Module Lo Disch Press Setpt	mod_lo_disch_press_sp_5	265.0	FALSE	1	FALSE	AV:499
Low Head Press Setpoint R410A :	Low Head Press Sp 410a	mod_lo_disch_press_sp_410_5	265.0	FALSE	1	TRUE	AV:507
Low Head Press Setpoint R134a :	Low Head Press Sp 134a	mod_lo_disch_press_sp_134_5	105.0	FALSE	1	TRUE	AV:439
*****Cond Mot Vlv PID Settings*****							
Cond MV PID Interval:	CDMV PID Interval	cdmv_interval_5	1.0 sec	FALSE	1	TRUE	AV:503
Cond MV PID P-Gain :	CDMV PID P-gain	cdmv_p_gain_5	4.5	FALSE	1	TRUE	AV:505
Cond MV PID I-Gain :	CDMV PID I-gain	cdmv_i_gain_5	0.015	FALSE	0	TRUE	AV:502
Cond MV PID Deadband:	CDMV PID Deadband	cdmv_pid_db_5	0.0	FALSE	0	TRUE	AV:500
Cond MV PID Ramp sec:	CDMV PID RAMP	cdmv_pid_ramp_5	1.0	FALSE	1	TRUE	AV:506
High Suc Press Setpoint Status:	Module High Suction Press Setpt	mod_high_suct_press_sp_5	150.0	FALSE	1	FALSE	AV:581
High Suc Press Setpoint R410A :	High Suction Press Sp 410a	mod_high_suct_press_sp_410_5	150.0	FALSE	1	TRUE	AV:391
High Suc Press Setpoint R134a :	High Suction Press Sp 134a	mod_high_suct_press_sp_134_5	85.0	FALSE	1	TRUE	AV:438
*****Evap Mot Vlv PID Settings*****							
Evap MV PID Interval:	EVMV PID Interval	evmv_interval_5	1.0 sec	FALSE	1	TRUE	AV:386
Evap MV PID P-Gain :	EVMV PID P-gain	evmv_p_gain_5	4.5	FALSE	1	TRUE	AV:388
Evap MV PID I-Gain :	EVMV PID I-gain	evmv_i_gain_5	0.017	FALSE	0	TRUE	AV:385
Evap MV PID Deadband:	EVMV PID Deadband	evmv_pid_db_5	0.0	FALSE	0	TRUE	AV:383
Evap MV PID Ramp sec:	EVMV PID RAMP	evmv_pid_ramp_5	1.0	FALSE	1	TRUE	AV:389
Evap MV PID Min % :	EVMV PID Minimum Percent	evmv_pid_mnpct_5	28.0	FALSE	0	TRUE	AV:387
Use High Superheat Cutout?	Use Hi Superheat for Compr Cutout	use_hi_sh_cutout_5	Off	No, Yes		TRUE	BV:845
Mod High Suction Superheat Setpt:	Module High Suct SuperHt Setpt	mod_hi_suc_supht_sp_5	30.0	FALSE	0	TRUE	AV:585

LINK(S): PREV, SYSTEM SETUP, HOME, ALARM

## MODULATING MOT VALVE SETTINGS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
CoolLogic Modulating Mot Vlv Settings							
Mod Lowest Head Press Adj:	Module Head Pressure Positive Adj	mod_hp_pos_adj_5	60.0	FALSE	10	TRUE	AV:592
Mod Highest Suct Pres Adj:	Module Suction Pressure Negative Adj	mod_sp_neg_adj_5	15.0	FALSE	10	TRUE	AV:594
Mod Minimum Cond Heat MV Adjus:	Module Minimum MV Adjustment Heat	mod_min_cdmv_adj_heat_5	3.6	FALSE	0	TRUE	AV:81
Cond MV PID Min % Heat :	CDMV PID Minimum Percent Heat	cdmv_pid_mnpct_heat_5	19.999998	FALSE	0	FALSE	AV:79
Mod Minimum Cond Cool MV Adjus:	Module Minimum MV Adjustment Cool	mod_min_cdmv_adj_cool_5	3.6	FALSE	0	TRUE	AV:80

## STANDBY

Cond MV PID Min % Cool :	CDMV PID Minimum Percent Cool	cdmv_pid_mnpct_cool_5	19.999998	FALSE	0	FALSE	AV:78
Mod Minimum Evap Mot Vlv Percnt:	EVMV PID Minimum Percent	evmv_pid_mnpct_5	28.0	FALSE	0	TRUE	AV:387
Control to Highest HP Compr?	Use Hi Head Pressure Compr for Low HP Ctrl	use_hi_hp_comp_5	On	No, Yes		TRUE	BV:844
Mod Default HdPr R-410A Use HiHP:	Default HP R-410A Using High Head Pressure	mod_defaulthp410_usehihp_5	200.0	FALSE	10	TRUE	AV:371
Mod Default HdPr R-410A Use LoHP:	Default HP R-410A Using Low Head Pressure	mod_defaulthp410_uselowhp_5	350.0	FALSE	10	TRUE	AV:372
Mod Default HdPr R-134a Use HiHP:	Default HP R-134a Using High Head Pressure	mod_defaulthp134_usehihp_5	70.0	FALSE	10	TRUE	AV:239
Mod Default HdPr R-134a Use LoHP:	Default HP R-134a Using Low Head Pressure	mod_defaulthp134_uselowhp_5	140.0	FALSE	10	TRUE	AV:368
Active Mod Default Head Press:	Module Default Head Pressure	mod_default_hp_5	200.0	FALSE	10	FALSE	AV:590
Mod Default Suct Pres R-410A:	Module Default Suction Press 410a	mod_default_sp_410_5	115.0	FALSE	10	TRUE	AV:441
Mod Default Suct Pres R-134a:	Module Default Suction Press 134a	mod_default_sp_134_5	65.0	FALSE	10	TRUE	AV:440

[LINK\(S\): PREV, SYSTEM SETUP, HOME](#)

## CHANNELS 8 & 11 SETUP

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
Master Controller Chnls 8 & 11 Setup							
Use Chn# 8 as Diff Pres Sensors?	Use Diff Press Flow Sensors	use_diff_pr_flow_sens_1	Yes	No, Yes		TRUE	BV:583
Actual Wtr Diff Press Sensor Readings:							
Cold Water Diff Press Sensor: (PSID)	Diff Press Cool Load	diff_press_cool_load_1	48.94 psi	FALSE		FALSE	AV:164
Hot Water Diff Press Sensor: (PSID)	Diff Press Heat Load	diff_press_heat_load_1	26.539558 psi	FALSE		FALSE	AV:165
Sourc Wtr Diff Press Sensor: (PSID)	Diff Press Source	diff_press_source_load_1	48.94 °F	FALSE		FALSE	AV:129
*****							
Select Max. Possible Delta Wtr Temps:							
Max Delta Temp for Heat LD Wtr: (F)	Max Delta Temp- Load Heat	max_delta_temp_ld_ht_5	20.0	FALSE	5	TRUE	AV:227
Max Delta Temp for Cool LD Wtr: (F)	Max Delta Temp- Load Cool	max_delta_temp_ld_cl_5	20.0	FALSE	5	TRUE	AV:218
Max Delta Temp for Source Water: (F)	Max Delta Temp- Source	max_delta_temp_src_5	20.0	FALSE	5	TRUE	AV:254
Select Multiplier for Trip:	Diff Pressure Trip Multiplier	diff_pr_trip_mult_5	0.6	FALSE	0.1	TRUE	AV:90
Use Pre-Calc Dif Pr Alarm Setpts?	Use Pre-Calc Diff Pr Cutout	use_pre_calc_dif_pr_setpt_1	No	No, Yes		TRUE	BV:874
*****							
Or Manual Select Diff Pr Alarm Setpts:							
LD Cool Wtr Diff Pres Sensor: (PSID)	Lo LD Cool Diff Pressure	lo_ld_cool_diff_pr_1	0.6	FALSE	0	TRUE	AV:622
LD Heat Wtr Diff Pres Sensor: (PSID)	Lo LD Heat Diff Pressure	lo_ld_heat_diff_pr_1	0.6	FALSE	0	TRUE	AV:623
Sourc Water Dif Pres Sensor: (PSID)	LO SRC Diff Press	lo_src_diff_pr_1	0.6	FALSE	0	TRUE	AV:139
*****							
Actual Diff Pr Alarm Setpoints Below:							
Cool Wtr Min Dif Flow Trip Pt: (PSID)	Actual Low Diff Press Trip Load Cool	act_lo_diff_press_ld_cl_1	0.6 °F	FALSE	0	FALSE	AV:130
Heat Wtr Min Dif Flow Trip Pt: (PSID)	Actual Low Diff Press Trip Load Heat	act_lo_diff_press_ld_ht_1	0.6 °F	FALSE	0	FALSE	AV:134
Src Wtr Min Dif Flow Trip Pt: (PSID)	Actual Low Diff Press Trip Source	act_lo_diff_press_src_1	0.6 °F	FALSE	0	FALSE	AV:586
*****							
Watts at Full Ld:	Estimated Watts	est_watts_5	57928.16 °F	FALSE	0	FALSE	AV:206
Tons at Full Ld:	Estimated Tons	est_tons_5	40.975315 °F	FALSE	0	FALSE	AV:161
/kW/Ton:	Estimated Kw Per Ton	est_kw_per_ton_5	1.4137331 °F	FALSE	0	FALSE	AV:115

[LINK\(S\): PREV, SYSTEM SETUP, HOME](#)

## CHANNELS 8 & 11 CUSTOM AI SETUP

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
Channels 8,11&1-13 Setup(Wtr Diff Pres)							

## STANDBY

Use Dif Pr. Sens for Chn8,11&1-13? *Std CC Dif Pres Sensor Range=0-43 psid or -5.43psid @ 0VDC & 48.95psid @ 5VDC Min&Max Scale Range-Source Wtr Dif Pr.: Sourc Wtr Chn#11 Scaling Type:	Use Diff Press Flow Sensors	use_diff_pr_flow_sens_1	Yes	No, Yes		TRUE	BV:583
Sourc Wtr Min Scale @0V or 0mA :	AI11 Type	an_inp11_typ_1	0-5VDC	4-20 ma, 0-10VDC, 0-5 VDC		TRUE	MSV:9
Src Wtr Max Scale @5V,10Vor20mA: Min&Max Scale Range-Cold Wtr Dif Pr.: Cold Wtr Chn#08 Scaling Type:	Min Source Diff Press Scale @ 0	min_scale_src_diff_pr_1	-5.43	FALSE	-99.9	TRUE	AV:86
Cold Wtr Min Scale @ 0V or 0mA : Cold Wtr Max Scale@5V,10Vor20mA: Min&Max Scale Range-Hot Wtr Dif Pr.: Hot Wtr Chn1-13 Scaling Type:	Max Source Diff Press Scale	max_scale_src_diff_pr_1	48.94	FALSE	-99.9	TRUE	AV:57
Hot Wtr Min Scale @ 0V or 0mA : Hot Wtr Max Scale@5V,10Vor20mA: *Min OOR Ofset is subtr from scale@ Min Diff Pres Global Min OOR Offset: *Max OOR Offset is added to scale@ Max Diff Pres Global Max OOR Offset:	AI8 Type	an_inp8_typ_1	0-5VDC	4-20 ma, 0-10VDC, 0-5 VDC		TRUE	MSV:6
	Min Cool Diff Press Scale @ 0	min_scale_cool_diff_pr_1	-5.43	FALSE	-99.9	TRUE	AV:70
	Max Cool Diff Press Scale	max_scale_cool_diff_pr_1	48.94	FALSE	-99.9	TRUE	AV:53
	AI1-13 Type	an_inp1-13_typ_1	0-5VDC	4-20 ma, 0-10VDC, 0-5 VDC		TRUE	MSV:3
	Min Heat Diff Press Scale @ 0	min_scale_heat_diff_pr_1	-5.43	FALSE	-99.9	TRUE	AV:85
	Max Heat Diff Press Scale	max_scale_heat_diff_pr_1	48.94	FALSE	-99.9	TRUE	AV:54
	Min DP Scale Offset for OOR	min_dp_oor_offset_1	5.0 °F	FALSE	-99.9	TRUE	AV:303
	Max DP Scale Offset for OOR	max_dp_oor_offset_1	5.0 °F	FALSE	-99.9	TRUE	AV:302

[LINK\(S\): PREV, SYSTEM SETUP, HOME](#)

## WATER & AIR TEMP LIMITS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
CoolLogic Wtr & Air Temp Limits							
Cool Wat In Lo Limit: (F)	CHWR Enable Lo Limit	chwr_lo_lim_1	38.0	FALSE	20	TRUE	AV:18
Cool Wat In Hi Limit: (F)	CHWR Enable Hi Limit	chwr_hi_lim_1	138.0	FALSE	16	TRUE	AV:19
Cool Wat Out Lo Limit: (F)	LO EVAP LVG TMP	chws_low_lim_1	38.0	FALSE	15	TRUE	AV:73
Cool Wat Out Hi Limit: (F)	HI EVAP LVG TMP	chws_hi_lim_1	138.0	FALSE	16	TRUE	AV:64
Heat Wat In Lo Limit: (F)	LO COND LVG TMP	cws_low_lim_1	38.0	FALSE	16	TRUE	AV:200
Heat Wat In Hi Limit: (F)	HI COND LVG TMP	cws_hi_lim_1	137.0	FALSE	16	TRUE	AV:199
Heat Wat Out Lo Limit: (F)	CWR Enable Lo Limit	cwr_lo_lim_1	38.0	FALSE	16	TRUE	AV:66
Heat Wat Out Hi Limit: (F)	CWR Enable Hi Limit	cwr_hi_lim_1	137.0	FALSE	16	TRUE	AV:63
Use Hi Amb Temp Limit?		hi_amb_tmp_lim_1		No, Yes		TRUE	
Outdoor Air Lo Limit: (F)	LO AMBIENT TMP	lo_ambient_tmp_1	45.0 °F	FALSE	-20	TRUE	AV:71
Outdoor Air Hi Limit: (F)	HI AMBIENT TMP	hi_ambient_tmp_1	110.0 °F	FALSE	-20	TRUE	AV:62
Source Wat In Lo Limit: (F)	SWS Enable Lo Limit	sws_lo_lim_1	33.0	FALSE	16	TRUE	AV:537
Source Wat In Hi Limit: (F)	SWS Enable Hi Limit	sws_hi_lim_1	122.0	FALSE	16	TRUE	AV:536
Source Wat Out Lo Limit: (F)	SWR Enable Lo Limit	swr_lo_lim_1	33.0	FALSE	16	TRUE	AV:530
Source Wat Out Hi Limit: (F)	SWR Enable Hi Limit	swr_hi_lim_1	122.0	FALSE	16	TRUE	AV:529

[LINK\(S\): PREV, SYSTEM SETUP, HOME](#)

## MODE TIME DELAY SETTINGS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
CoolLogic Mode Time Delay Settings							
Mstr Lvl-Hold Module in'Open'Mode:	OFF MODE DELAY TIME	off_delay_time_1	50.0	FALSE	1	TRUE	AV:146
Mod-Delay aft'Open'befor Ht or Cl:	Module Open VLV ON DELAY	mod_open_vlv_on_delay_5	30.0	FALSE	1	TRUE	AV:75
Mstr Lvl-Hold Module in Heat Mode:		mod_heat_vlv_hold_1		FALSE	1	TRUE	
Module Delay Aft. HEAT Befor COOL:	Module Heat VLV ON DELAY	mod_heat_vlv_on_delay_5	145.0	FALSE	1	TRUE	AV:587
Mstr Lvl-Hold Module in Cool Mode:		mod_cool_vlv_hold_1		FALSE	1	TRUE	
Module Delay Aft. COOL Befor HEAT:	Module Cool VLV ON DELAY	mod_cool_vlv_on_delay_5	145.0	FALSE	1	TRUE	AV:30



## STANDBY

Hold Open Hdr Byp aft Close Signal	Header Bypass Delay Before Close	hdr_byp_delay_before_close_5	120.0	FALSE	0	TRUE	AV:106
Hold Open Mod MV aft Close Signal:	Close Mot Vlv Delay	close_vlv_delay_5	120.0	FALSE	0	TRUE	AV:273

LINK(S): PREV, SERVICE MENU SETUP, HOME

## STARTUP & STAGE DELAYS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
Start-Up, Stage-Up & Stage-Dn Delays							
Start-Up Time Delay (sec)	Start-Up Delay	o562_1	45.0 sec	FALSE	1	TRUE	AV:150
Stage-Up Delay (sec)	Stage Up Delay	n003_1	30.0 sec	FALSE	1	TRUE	AV:149
Stage-Down Delay (sec)	Stage Down Delay	n006_1	25.0 sec	FALSE	1	TRUE	AV:148
Mode Change Delay (sec)		mode_change_delay_1		FALSE	1	TRUE	

LINK(S): PREV, ALARM, SYSTEM SETUP, CLOCKSET

## COMPR SEQUENCING METHOD

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
CoolLogic Compr Sequencing Method							
Manual Rotate Lead Compr:		man_refr_cplead_1		Do Not Rotate, Rotate		TRUE	
NOTE: Always leave above as "Do Not.."							
Disable Compressor Lead Swapping?		disable_compr_lead_swap_1		No, Yes		TRUE	
Rotate Cmpr Lead on Runtime Hrs	Compr Lead Refresh on Runtime	cmprlead_refr_runtime_1	99999.0 hr	FALSE	24	TRUE	AV:51
Refresh Compr Runtime Hours:	Runtime Refresh	runtime_refresh_1	168.0 hr	FALSE	5	TRUE	AV:74
Stage Down Safety Index: (sec)	SAFETY INDEX 2 DELAY STG DWN	safety_ind_delay2_5	180.0 sec	FALSE	1	TRUE	AV:250
Stage Up Safety Index: (sec)	SAFETY INDEX 1 DELAY	safety_ind_delay1_5	180.0 sec	FALSE	1	TRUE	AV:249

LINK(S): PREV, SYSTEM SETUP, HOME, ALARM

## TRIM COOL & TRIM HEAT MOD SELECTOR

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable	Point Location
TRIM Cool & TRIM Heat Mod Selector							
NOTE: ONLY SELECT 1 Mod. for TRIM Cool and 1 separate Mod. for TRIM Heat.							
Select Mod. #1 as Trim Cool?	Module 1 Trim Cool	m01trimcool_5	Yes	No, Yes		TRUE	BV:137
Select Mod. #2 as Trim Cool?	Module 2 Trim Cool	m02trimcool_5	No	No, Yes		TRUE	BV:172
Select Mod. #3 as Trim Cool?	Module 3 Trim Cool	m03trimcool_5	No	No, Yes		TRUE	BV:188
Select Mod. #4 as Trim Cool?	Module 4 Trim Cool	m04trimcool_5	No	No, Yes		TRUE	BV:198
Select Mod. #5 as Trim Cool?	Module 5 Trim Cool	m05trimcool_5	No	No, Yes		TRUE	BV:207
Select Mod. #6 as Trim Cool?	Module 6 Trim Cool	m06trimcool_5	No	No, Yes		TRUE	BV:217
Select Mod. #7 as Trim Cool?	Module 7 Trim Cool	m07trimcool_5	No	No, Yes		TRUE	BV:221
Select Mod. #1 as Trim Heat?	Module 1 Trim Heat	m01trimheat_5	No	No, Yes		TRUE	BV:139
Select Mod. #2 as Trim Heat?	Module 2 Trim Heat	m02trimheat_5	No	No, Yes		TRUE	BV:174
Select Mod. #3 as Trim Heat?	Module 3 Trim Heat	m03trimheat_5	No	No, Yes		TRUE	BV:191
Select Mod. #4 as Trim Heat?	Module 4 Trim Heat	m04trimheat_5	Yes	No, Yes		TRUE	BV:202
Select Mod. #5 as Trim Heat?	Module 5 Trim Heat	m05trimheat_5	No	No, Yes		TRUE	BV:212
Select Mod. #6 as Trim Heat?	Module 6 Trim Heat	m06trimheat_5	No	No, Yes		TRUE	BV:219
Select Mod. #7 as Trim Heat?	Module 7 Trim Heat	m07trimheat_5	No	No, Yes		TRUE	BV:225

LINK(S): PREV, ALARM, SYSTEM SETUP, CLOCKSET