



Software Version: UCW-H-R.10b.13

## LOCAL ACCESS DISPLAY TABLE

Product Line: UCW-H-R

Chiller Type: 4 PIPE- COOL, HR, REM AIR COOLED

### STANDBY

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
ClimaCool Corp. CoolLogic Date: Time:						
CHWS Temp:	EVAP OUT TMP	chws_temp_1	41.8 °F	FALSE		FALSE
F CWR Temp: (F)	COND OUT TMP	cwr_temp_1	105.8 °F	FALSE		FALSE
press any key to continue						

### HOME

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
Chill Water In: (F)	CHWR In Temp Status	chwr_stat_1	60.9	FALSE		FALSE
/Cool Spt: (F)	Active CHW Setpoint	chw_stp_stat_1	44.0 °F	FALSE		FALSE
Chill WaterOut: (F)	CHWS Out Temp Status	chws_stat_1	41.8	FALSE		FALSE
/ Tot Stg Want:	Num of Comp Requested	comp_req_1	0.0	FALSE		FALSE
Cond Water In : (F)	CWS In Temp Status	cws_stat_1	109.7 °F	FALSE		FALSE
/ Tot Stg On:	Num of Comp ON	comp_on_1	0.0	FALSE		FALSE
Cond Water Out: (F)	CWR Out Status	cwr_stat_1	105.8	FALSE		FALSE
/Heat Spt: (F)	Active Htg Setpoint	cw_stp_stat_1	125.0 °F	FALSE		FALSE
Cool Mode:	Chiller Cool Run Cmd	run_cool_1	Off	Off, On		FALSE
/ Heat Rec Mode:	Chiller Heat Rec Run Cmd	run_heat_rec_1	Off	Off, On		FALSE
Heat Mode:	Chiller Heat Run Cmd	run_heat_1	Off	Off, On		FALSE
/UnitMode:	Unit Mode	unit_mode_1	Schedule	Schedule, No Flo/Phas, CHWR High, CWS Low, Sens Error, No ModAvail, Module Down, Compr Down, NonCrit Alm, Normal Run		FALSE
Cond Water Flo:	Cond Flow SW	cond_flow_1	On	No, Yes		FALSE
/Chil Water Flow :	Evap Flow SW	evap_flow_1	On	No, Yes		FALSE

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

### STATUS

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

LINK(S): ALL MODULE COMP UNLOAD STATUS,MODULE SIZE 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,ALL COMPR SS STATUS, MODULE MOT VALVE OPEN/CLOSE STATUS,MODULE MOT VALVE SIGNAL TO CLOSE ST,EVAP STATUS, COND STATUS,PREV, CLOCKSET, HOME, ALARM

#### MODULE SIZE STATUS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
Module Size Status Only Legend Mod1 Size:[ ]/ 1= Not Used / 2= Used	Mod 1 Size	m1_size_st_1	2.0	FALSE	1	FALSE



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Mod2 Size:[ ]	Mod 2 Size	m2_size_st_1	2.0	FALSE	1	FALSE
Mod3 Size:[ ]	Mod 3 Size	m3_size_st_1	2.0	FALSE	1	FALSE
Mod4 Size:[ ]	Mod 4 Size	m4_size_st_1	2.0	FALSE	1	FALSE
Mod5 Size:[ ]	Mod 5 Size	m5_size_st_1	2.0	FALSE	1	FALSE
Mod6 Size:[ ]	Mod 6 Size	m6_size_st_1	2.0	FALSE	1	FALSE
Mod7 Size:[ ]	Mod 7 Size	m7_size_st_1	2.0	FALSE	1	FALSE

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

## CHILLER OPER STATUS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
CoolLogic Operating & Loading Status						
Cool Mode:						
#Compr Stgs On:	Num of Comp ON	comp_on_1	0.0	FALSE		FALSE
Heat Mode:	Chiller Heat Run Cmd	run_heat_1	Off	Off, On		FALSE
Heat Rec Mode:	Chiller Heat Rec Run Cmd	run_heat_rec_1	Off	Off, On		FALSE
PID1 Count:	Stage 1 Cooling PID	stg1_clg_pid_1	0.0	FALSE		FALSE
PID2 Count:	Stage 2 Cooling PID	stg2_clg_pid_1	0.0	FALSE		FALSE
Cold Wtr Out:	CHWS Out Temp Status	chws_stat_1	41.8	FALSE		FALSE
F  Hot Wtr Out: (F)	CWR Out Status	cwr_stat_1	105.8	FALSE		FALSE
HPID1 Count:	Stage 1 Heating PID	stg1_htg_pid_1	0.0	FALSE		FALSE
HPID2 Count:	Stage 2 Heating PID	stg2_htg_pid_1	0.0	FALSE		FALSE
Unit 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
Status:	Unit Status	unit_status_1	Off	Chiller OFF, Chiller ON		FALSE

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

## MOD1 COMP1 DATA

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
M1C1 Suc Pr: (psi) / MODULE 1 COMP 1	Module 1 Comp 1 Suction Pressure	m1_c1_suc_pres_stat_5	122.4	FALSE		FALSE
Suc SuperHt: (F)	Module 1 Comp 1 Suction Superheat	m1_c1_suc_superheat_5	4.6623917	FALSE		FALSE
/CH Water In: (F)	CHWR In Temp Status	chwr_stat_1	60.9	FALSE		FALSE
M1C1 Suc Tp: (F)	Module 1 Comp 1 Suction Temp	m1_c1_suct_temp_stat_5	46.5	FALSE		FALSE
/CH WaterOut: (F)	M1 Evap Leaving Temp	m1_chws_temp_stat_5	69.3	FALSE		FALSE
M1C1 Dis Pr: (psi)	Module 1 Comp 1 Disch Press	m1_c1_disch_pres_stat_5	367.2	FALSE	0	FALSE
/M1C1 Dis Tp: (F)	Module 1 Comp 1 Disch Temp	m1_c1_disch_temp_stat_5	94.5	FALSE		FALSE
M1C1 Status:						
/CD Water In : (F)	CWS In Temp Status	cws_stat_1	109.7 °F	FALSE		FALSE



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M1C1 Fail :						
/CD Water Out: (F)	M1 Cond Leaving Temp	m1_cwr_temp_stat_5	118.1	FALSE		FALSE
M1C1 Runtime: (h)	Module 1 Comp 1 Runtime	m1_c1_rtim_5	0.0	FALSE		FALSE
/M1C1 Cycles:	Module 1 Comp 1 Cycles	m1_c1_cycles_5	0.0	FALSE		FALSE
M1C1 Min Runtm:	Module 1 Compr 1 Min Run	m1_c1_min_runtime_5	Off	Off, On		FALSE
/M1C1 Min OffTime:	Module 1 Comp 1 Min Off	m1_c1_minimum_off_5	On	Off, On		FALSE
Lowest Hd Pres:	Module 1 Lowest Head Pressure	m1_low_hd_press_5	200.0	FALSE	0	FALSE
/CDMV PID Out:	Module 1 Cond Vlv PID Out	m1_cdmv_pidout_5	0.0	FALSE	0	FALSE
Mot Vlv Status:						
/CDMV Vdc Out:	Module 1 Cond Vlv Scaled PID Out	m1_cdmv_scaled_pidout_5	2.0	FALSE	0	FALSE

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

## MOD1 COMP2 DATA

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
M1C2 Suc Pr: (psi)						
/ MODULE 1 COMP 2	Module 1 Comp 2 Suction Pressure	m1_c2_suc_pres_stat_5	122.5	FALSE		FALSE
Suc SuperHt: (F)	Module 1 Comp 2 Suction Superheat	m1_c2_suc_superheat_5	4.31966	FALSE		FALSE
/CH Water In: (F)	CHWR In Temp Status	chwr_stat_1	60.9	FALSE		FALSE
M1C2 Suc Tp: (F)	Module 1 Comp 2 Suction Temp	m1_c2_suct_temp_stat_5	46.2	FALSE		FALSE
/CH WaterOut: (F)	M1 Evap Leaving Temp	m1_chws_temp_stat_5	69.3	FALSE		FALSE
M1C2 Dis Pr: (psi)	Module 1 Comp 2 Discharge Pressure	m1_c2_disch_pres_stat_5	366.4	FALSE		FALSE
/M1C2 Dis Tp: (F)	Module 1 Comp 2 Disch Temp	m1_c2_disch_temp_stat_5	94.6	FALSE		FALSE
M1C2 Status:						
/CD Water In : (F)	CWS In Temp Status	cws_stat_1	109.7 °F	FALSE		FALSE
M1C2 Fail :						
/CD Water Out: (F)	M1 Cond Leaving Temp	m1_cwr_temp_stat_5	118.1	FALSE		FALSE
M1C2 Runtime: (h)	Module 1 Comp 2 Runtime	m1_c2_rtim_5	0.0	FALSE		FALSE
/M1C2 Cycles:	Module 1 Comp 2 Cycles	m1_c2_cycles_5	0.0	FALSE		FALSE
M1C2 Min Runtm:	Module 1 Compr 1 Min Run	m1_c2_min_runtime_5	Off	Off, On		FALSE
/M1C2 Min OffTime:	Module 1 Comp 2 Min Off	m1_c2_minimum_off_5	On	Off, On		FALSE
Lowest Hd Pres:	Module 1 Lowest Head Pressure	m1_low_hd_press_5	200.0	FALSE	0	FALSE
/CDMV PID Out:	Module 1 Cond Vlv PID Out	m1_cdmv_pidout_5	0.0	FALSE	0	FALSE
Mot Vlv Status:						
/CDMV Vdc Out:	Module 1 Cond Vlv Scaled PID Out	m1_cdmv_scaled_pidout_5	2.0	FALSE	0	FALSE

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

## ALL COMPR RUNTIME STATUS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
CoolLogic Compressor Runtime Status						
M1C1 RT Adj:	M1C1 Runtime Adjustment	m1c1_runtime_adj_5	0.0	FALSE	0	TRUE
/M1C1 Runtm: (h)	Module 1 Comp 1 Runtime	m1_c1_rtim_5	0.0	FALSE		FALSE
M1C2 RT Adj:	M1C2 Runtime Adjustment	m1c2_runtime_adj_5	0.0	FALSE	0	TRUE
/M1C2 Runtm: (h)	Module 1 Comp 2 Runtime	m1_c2_rtim_5	0.0	FALSE		FALSE
M2C1 RT Adj:	M2C1 Runtime Adjustment	m2c1_runtime_adj_5	0.0	FALSE	0	TRUE
/M2C1 Runtm: (h)	Module 2 Comp 1 Runtime	m2_c1_rtim_5	0.0	FALSE		FALSE
M2C2 RT Adj:	M2C2 Runtime Adjustment	m2c2_runtime_adj_5	0.0	FALSE	0	TRUE
/M2C2 Runtm: (h)	Module 2 Comp 2 Runtime	m2_c2_rtim_5	0.0	FALSE		FALSE
M3C1 RT Adj:	M3C1 Runtime Adjustment	m3c1_runtime_adj_5	0.0	FALSE	0	TRUE
/M3C1 Runtm: (h)	Module 3 Comp 1 Runtime	m3_c1_rtim_5	0.0	FALSE		FALSE



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M3C2 RT Adj:	M3C2 Runtime Adjustment	m3c2_runtime_adj_5	0.0	FALSE	0	TRUE
/M3C2 Runtm: (h)	Module 3 Comp 2 Runtime	m3_c2_rtim_5	0.0	FALSE		FALSE
M4C1 RT Adj:	M4C1 Runtime Adjustment	m4c1_runtime_adj_5	0.0	FALSE	0	TRUE
/M4C1 Runtm: (h)	Module 4 Comp 1 Runtime	m4_c1_rtim_5	0.0	FALSE		FALSE
M4C2 RT Adj:	M4C2 Runtime Adjustment	m4c2_runtime_adj_5	0.0	FALSE	0	TRUE
/M4C2 Runtm: (h)	Module 4 Comp 2 Runtime	m4_c2_rtim_5	0.0	FALSE		FALSE
M5C1 RT Adj:	M5C1 Runtime Adjustment	m5c1_runtime_adj_5	0.0	FALSE	0	TRUE
/M5C1 Runtm: (h)	Module 5 Comp 1 Runtime	m5_c1_rtim_5	0.0	FALSE		FALSE
M5C2 RT Adj:	M5C2 Runtime Adjustment	m5c2_runtime_adj_5	0.0	FALSE	0	TRUE
/M5C2 Runtm: (h)	Module 5 Comp 2 Runtime	m5_c2_rtim_5	0.0	FALSE		FALSE
M6C1 RT Adj:	M6C1 Runtime Adjustment	m6c1_runtime_adj_5	0.0	FALSE	0	TRUE
/M6C1 Runtm: (h)	Module 6 Comp 1 Runtime	m6_c1_rtim_5	0.0	FALSE		FALSE
M6C2 RT Adj:	M6C2 Runtime Adjustment	m6c2_runtime_adj_5	0.0	FALSE	0	TRUE
/M6C2 Runtm: (h)	Module 6 Comp 2 Runtime	m6_c2_rtim_5	0.0	FALSE		FALSE
M7C1 RT Adj:	M7C1 Runtime Adjustment	m7c1_runtime_adj_5	0.0	FALSE	0	TRUE
/M7C1 Runtm: (h)	Module 7 Comp 1 Runtime	m7_c1_rtim_5	0.0	FALSE		FALSE
M7C2 RT Adj:	M7C2 Runtime Adjustment	m7c2_runtime_adj_5	0.0	FALSE	0	TRUE
/M7C2 Runtm: (h)	Module 7 Comp 2 Runtime	m7_c2_rtim_5	0.0	FALSE		FALSE

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

## ALL COMPR CYCLES STATUS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
CoolLogic Compressor Cycles Status						
M1C1 Cycles:	Module 1 Comp 1 Cycles	m1_c1_cycles_5	0.0	FALSE		FALSE
/M4C1 Cycles:	Module 4 Comp 1 Cycles	m4_c1_cycles_5	0.0	FALSE		FALSE
M1C2 Cycles:	Module 1 Comp 2 Cycles	m1_c2_cycles_5	0.0	FALSE		FALSE
/M4C2 Cycles:	Module 4 Comp 2 Cycles	m4_c2_cycles_5	0.0	FALSE		FALSE
M2C1 Cycles:	Module 2 Comp 1 Cycles	m2_c1_cycles_5	0.0	FALSE		FALSE
/M5C1 Cycles:	Module 5 Comp 1 Cycles	m5_c1_cycles_5	0.0	FALSE		FALSE
M2C2 Cycles:	Module 2 Comp 2 Cycles	m2_c2_cycles_5	0.0	FALSE		FALSE
/M5C2 Cycles:	Module 5 Comp 2 Cycles	m5_c2_cycles_5	0.0	FALSE		FALSE
M3C1 Cycles:	Module 3 Comp 1 Cycles	m3_c1_cycles_5	0.0	FALSE		FALSE
/M6C1 Cycles:	Module 6 Comp 1 Cycles	m6_c1_cycles_5	0.0	FALSE		FALSE
M3C2 Cycles:	Module 3 Comp 2 Cycles	m3_c2_cycles_5	0.0	FALSE		FALSE
/M6C2 Cycles:	Module 6 Comp 2 Cycles	m6_c2_cycles_5	0.0	FALSE		FALSE
/M7C1 Cycles:	Module 7 Comp 1 Cycles	m7_c1_cycles_5	0.0	FALSE		FALSE
/M7C2 Cycles:	Module 7 Comp 2 Cycles	m7_c2_cycles_5	0.0	FALSE		FALSE

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

## ALL COMPR SS STATUS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
CoolLogic Compressor ON/OFF Status						
M1C1 Status:	Module 1 Comp 1 Status	m1_comp1_status_5	Off	Off, On		FALSE
/ M4C1 Status:	Module 4 Comp 1 Status	m4_comp1_status_5	Off	Off, On		FALSE
M1C2 Status:	Module 1 Comp 2 Status	m1_comp2_status_5	Off	Off, On		FALSE
/ M4C2 Status:	Module 4 Comp 2 Status	m4_comp2_status_5	Off	Off, On		FALSE
M2C1 Status:	Module 2 Comp 1 Status	m2_comp1_status_5	Off	Off, On		FALSE
/ M5C1 Status:	Module 5 Comp 1 Status	m5_comp1_status_5	Off	Off, On		FALSE
M2C2 Status:	Module 2 Comp 2 Status	m2_comp2_status_5	Off	Off, On		FALSE
/ M5C2 Status:	Module 5 Comp 2 Status	m5_comp2_status_5	Off	Off, On		FALSE
M3C1 Status:	Module 3 Comp 1 Status	m3_comp1_status_5	Off	Off, On		FALSE
/ M6C1 Status:	Module 6 Comp 1 Status	m6_comp1_status_5	Off	Off, On		FALSE
M3C2 Status:	Module 3 Comp 2 Status	m3_comp2_status_5	Off	Off, On		FALSE
/ M6C2 Status:	Module 6 Comp 2 Status	m6_comp2_status_5	Off	Off, On		FALSE
/ M7C1 Status:	Module 7 Comp 1 Status	m7_comp1_status_5	Off	Off, On		FALSE
/ M7C2 Status:	Module 7 Comp 2 Status	m7_comp2_status_5	Off	Off, On		FALSE

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



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### MODULE MOT VALVE OPEN/CLOSE STATUS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
Module Mot Valve Open/Close Status						
Mod1 Mot Valve Open Status:	Module 1 Open	m1_open_5	Off	Closed, Open		FALSE
Mod2 Mot Valve Open Status:	Module 2 Open	m2_open_5	Off	Closed, Open		FALSE
Mod3 Mot Valve Open Status:	Module 3 Open	m3_open_5	Off	Closed, Open		FALSE
Mod4 Mot Valve Open Status:	Module 4 Open	m4_open_5	Off	Closed, Open		FALSE
Mod5 Mot Valve Open Status:	Module 5 Open	m5_open_5	Off	Closed, Open		FALSE
Mod6 Mot Valve Open Status:	Module 6 Open	m6_open_5	Off	Closed, Open		FALSE
Mod7 Mot Valve Open Status:	Module 7 Open	m7_open_5	Off	Closed, Open		FALSE
Use External Header Bypass Valves?	Use Ext Header Bypass Valves	bypass_go_1	Off	No, Yes		TRUE
Open Ext Bypass if NO Comps ON?	Open Bypass Valves by NO Comps ON	open_byp_vlv_on_no_cmps_1	Off	No, Yes		TRUE
Hold Open Hdr Byp aft Close Signal	Header Bypass Delay Before Close	hdr_byp_delay_before_close_5	45.0	FALSE	0	TRUE
Hold Open Mod MV aft Close Signal:	Mot Valve Delay Before Closing	close_vlv_delay_5	75.0	FALSE	0	TRUE
Cool Header Bypass Vlv Status:	Cool Header Ext Bypass Valve	cl_hdr_ext_byp_vlv_1	Off	Closed, Open		FALSE
Heat Header Bypass Vlv Status:	Heat Header Ext Bypass Valve	ht_hdr_ext_byp_vlv_1	Off	Closed, Open		FALSE

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

### MODULE MOT VALVE SIGNAL TO CLOSE ST

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
Mod Mot Valve Signal to Close Status						
Mod1 Mot Valve Signal to Close:	Module 1 Closed	m1_closed_5	On	No, Yes		FALSE
Mod2 Mot Valve Signal to Close:	Module 2 Closed	m2_closed_5	On	No, Yes		FALSE
Mod3 Mot Valve Signal to Close:	Module 3 Closed	m3_closed_5	On	No, Yes		FALSE
Mod4 Mot Valve Signal to Close:	Module 4 Closed	m4_closed_5	On	No, Yes		FALSE
Mod5 Mot Valve Signal to Close:	Module 5 Closed	m5_closed_5	On	No, Yes		FALSE
Mod6 Mot Valve Signal to Close:	Module 6 Closed	m6_closed_5	On	No, Yes		FALSE
Mod7 Mot Valve Signal to Close:	Module 7 Closed	m7_closed_5	On	No, Yes		FALSE
Use External Header Bypass Valves?	Use Ext Header Bypass Valves	bypass_go_1	Off	No, Yes		TRUE
Hold Open Hdr Byp aft Close Signal	Header Bypass Delay Before Close	hdr_byp_delay_before_close_5	45.0	FALSE	0	TRUE
Hold Open Mod MV aft Close Signal:	Mot Valve Delay Before Closing	close_vlv_delay_5	75.0	FALSE	0	TRUE
Open Ext Bypass if NO Comps ON?	Open Bypass Valves by NO Comps ON	open_byp_vlv_on_no_cmps_1	Off	No, Yes		TRUE
Cool Header Bypass Vlv Status:	Cool Header Ext Bypass Valve	cl_hdr_ext_byp_vlv_1	Off	Closed, Open		FALSE
Heat Header Bypass Vlv Status:	Heat Header Ext Bypass Valve	ht_hdr_ext_byp_vlv_1	Off	Closed, Open		FALSE

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

### EVAP STATUS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
Evap Water Temp & Pump Status						



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Evap Wtr In: (F)	CHWR In Temp Status	chwr_stat_1	60.9	FALSE		FALSE
/Evap WaterOut: (F)	CHWS Out Temp Status	chws_stat_1	41.8	FALSE		FALSE
Evap Flow Status:	Evap Flow SW	evap_flow_1	On	Off, On		FALSE
Chil Water Diff Press Sensor: (PSID)	Diff Press Cool Load	diff_press_chil_load_1	10.554779 °F	FALSE		FALSE
Cond Water Diff Press Sensor: (PSID)	Diff Press Cond Load	diff_press_cond_load_1	10.554779 °F	FALSE		FALSE

LINK(S): PREV, SYSTEM SETUP, STATUS

## COND STATUS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
Cond Water Temp & Pump Status						
Cnd Wtr In : (F)	CWS In Temp Status	cws_stat_1	109.7 °F	FALSE		FALSE
/Cnd Wtr Out: (F)	CWR Out Status	cwr_stat_1	105.8	FALSE		FALSE
Cond Flow Status:	Cond Flow SW	cond_flow_1	On	Off, On		FALSE
Cond Water Diff Press Sensor: (PSID)	Diff Press Cond Load	diff_press_cond_load_1	10.554779 °F	FALSE		FALSE
Chil Water Diff Press Sensor: (PSID)	Diff Press Cool Load	diff_press_chil_load_1	10.554779 °F	FALSE		FALSE

LINK(S): PREV, SYSTEM SETUP, STATUS

## SYSTEM SETUP FN 2

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
CoolLogic System Setup FN2 FN4						

LINK(S): GENERAL SYS SETTINGS,HEAT & COOL SETPOINT MENUS,LEAD COMPR ROTATION SETUP,ALARM LOCKOUT RESET,CHILLER OPER STATUS,PREV, STATUS, HOME, ALARM

## GENERAL SYS SETTINGS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
CoolLogic General System Settings FN4						
Chiller Control Source	Control Source	control_source_1	Digital Input	Dig Input, Keypad, BAS		TRUE
Enable Chiller from Keypad?	Unit Enable (keypad)	enable_keypad_1	Off	Off, On		TRUE
***** NOTE: ONLY ONE 'Enable BAS...' COMMAND SHOWN BELOW CAN BE SET AS 'Yes'						
Enable BAS Cool Control?	Cool Enable (BAS)	enable_bas_cool_1	Off	No, Yes		TRUE
Enable BAS Heat Control?	Heat Enable (BAS)	enable_bas_heat_1	Off	No, Yes		TRUE
Enable BAS Heat Recovery Control?	Heat Recov Enable (BAS)	enable_bas_htrec_1	Off	No, Yes		TRUE
*****						
Mod Ref Type	Module Compr Ref Type	mod_comp_ref_type_5	410a	410a, 134a		TRUE
Chiller Model Type:	Chiller Model Type	chiller_model_type_5	UCH	UCW, UCH, UCR		TRUE
Cool Design Delta Temp	FULL LD COOL DES TD	cool_design_dt_1	-10.0	FALSE	-30	TRUE
Heat Design Delta Temp	FULL LD HEAT DES TD	heat_design_dt_1	10.0	FALSE	-30	TRUE
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LINK(S): PREV, SYSTEM SETUP, HOME, ALARM

## HEAT & COOL SETPOINT MENUS

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

LINK(S): COOL MODE SETPOINT,HEAT MODE SETPOINT,MASTER INPUT CHNLS 6, &10 SETUP,MASTER INPUT 8 & 11 SETUP,LEAD COMPR ROTATION SETUP,PREV, SYSTEM SETUP, HOME, ALARM

## COOL MODE SETPOINT

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
CoolLogic Cool Mode Setpoint Menu						
Local Evap Wat Out Setpt: (F)	COOL LVG TRG	chw_temp_stp_1	44.0 °F	FALSE	10	TRUE
Min Evap Wat Out Setpt: (F)	MIN COOL TRG LIM	min_chw_temp_stp_1	42.0 °F	FALSE	10	TRUE
Max Evap Wat Out Setpt: (F)	MAX COOL TRG LIM	max_chw_temp_stp_1	78.0 °F	FALSE	10	TRUE



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Remote Evap Wat Out Setpt: (F)	Remote CHW Setpoint	rem_chw_stp_stat_1	42.0 °F	FALSE	10	FALSE
Cl Spt Reset RtnWtr:	Return Chill Wat Stpt Reset	ret_ch_wat_reset_1	NONE	None, Ret ch wat reset		TRUE
Set Min Cool Load Reset Setpt: (F)	Min Cool Load Reset Setback	min_cl_load_reset_spt_1	0.0	FALSE	16	TRUE
No-Load Cool Setpoint Reset: (F)	COOL CAP RESET	noload_cool_cap_reset_1	0.0	FALSE	0	FALSE
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
Rem Max Pos CHW Setpt Reset: (F)	MAX POS DEM LIM COOL RESET	max_pos_chw_stp_reset_1	10.0 °F	FALSE	0	TRUE
Remote Evap Wat Out Reset: (F)	Remote CHW Setpoint Reset	rem_chw_stp_reset_1	0.0 °F	FALSE	0	TRUE
Active Evap Wat Out Setpt: (F)	Active CHW Setpoint	chw_stp_stat_1	44.0 °F	FALSE	10	FALSE
Cool Control Setpoint Offset: (F)	Cool Control Setpoint Offset	cl_cntrl_spt_offset_1	0.0	FALSE	-30	TRUE

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

## HEAT MODE SETPOINT

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
CoolLogic Heat Mode Setpoint Menu						
Local Cond Wat Out Setpt: (F)	HEAT LVG TRG	cw_temp_stp_1	125.0 °F	FALSE	10	TRUE
Set Min Heat Load Reset Setpt: (F)	Min Heat Load Reset Setback	min_ht_load_reset_spt_1	0.0	FALSE	16	TRUE
No-Load Heat Setpoint Reset: (F)	HEAT CAP RESET	noload_heat_cap_reset_1	0.0	FALSE	0	FALSE
Min Cond Wat Out Setpt: (F)	MIN HEAT TRG LIM	min_cw_temp_stp_1	62.0 °F	FALSE	10	TRUE
Max Cond Wat Out Setpt: (F)	MAX HEAT TRG LIM	max_cw_temp_stp_1	135.0 °F	FALSE	10	TRUE
Remote Cond Wat Out Setpt: (F)	Remote CW Setpoint	rem_cw_stp_stat_1	62.0 °F	FALSE	50	FALSE
Rem Max Neg CWR Setpt Reset: (F)	MAX NEG DEM LIM HEAT RESET	max_neg_cw_stp_reset_1	0.0 °F	FALSE	0	TRUE
Rem Max Pos CWR Setpt Reset: (F)	MAX POS DEM LIM HEAT RESET	max_pos_cw_stp_reset_1	10.0 °F	FALSE	0	TRUE
Active Cond Wat Out Setpt: (F)	Active Htg Setpoint	cw_stp_stat_1	125.0 °F	FALSE	10	FALSE
Heat Control Setpoint Offset: (F)	Heat Control Setpoint Offset	ht_cntrl_spt_offset_1	0.0	FALSE	-30	TRUE

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

## ALARM LOCKOUT RESET FN3

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

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

## RESET ALL MODULE ALARMS AT ONCE MENU

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
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
Reset ALL Module#2 Alarms at Once?	Reset M2 All Slave Alarms	m2_reset_all_slave_alarms_5	Off	No, Yes		TRUE
Reset ALL Module#3 Alarms at Once?	Reset M3 All Slave Alarms	m3_reset_all_slave_alarms_5	Off	No, Yes		TRUE
Reset ALL Module#4 Alarms at Once?	Reset M4 All Slave Alarms	m4_reset_all_slave_alarms_5	Off	No, Yes		TRUE
Reset ALL Module#5 Alarms at Once?	Reset M5 All Slave Alarms	m5_reset_all_slave_alarms_5	Off	No, Yes		TRUE
Reset ALL Module#6 Alarms at Once?	Reset M6 All Slave Alarms	m6_reset_all_slave_alarms_5	Off	No, Yes		TRUE
Reset ALL Module#7 Alarms at Once?	Reset M7 All Slave Alarms	m7_reset_all_slave_alarms_5	Off	No, Yes		TRUE

LINK(S): PREV, SYSTEM SETUP, HOME

## RESET COMP ALARMS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
CoolLogic Reset Compr Alarms						
M1C1 in Alarm?	Module 1 Comp 1 Status	m1_comp1_fail_5	Off	No, Yes		FALSE
/M1C1Reset Alm?	M1C1 Alarm Reset	m1reset_c1_alm_5	Off	No, Yes		TRUE
M1C2 in Alarm?	Module 1 Comp 2 Status	m1_comp2_fail_5	Off	No, Yes		FALSE
/M1C2Reset Alm?	M1C2 Alarm Reset	m1reset_c2_alm_5	Off	No, Yes		TRUE



# LOCAL ACCESS DISPLAY TABLE

Software Version: UCW-H-R.10b.13

Product Line: UCW-H-R

Chiller Type: 4 PIPE- COOL, HR, REM AIR COOLED

M2C1 in Alarm?	Module 2 Comp 1 Fail	m2_comp1_fail_5	Off	No, Yes	FALSE
/M2C1Reset Alm?	M2C1 Alarm Reset	m2reset_c1_alm_5	Off	No, Yes	TRUE
M2C2 in Alarm?	Module 2 Comp 2 Fail	m2_comp2_fail_5	Off	No, Yes	FALSE
/M2C2Reset Alm?	M2C2 Alarm Reset	m2reset_c2_alm_5	Off	No, Yes	TRUE
M3C1 in Alarm?	Module 3 Comp 1 Fail	m3_comp1_fail_5	Off	No, Yes	FALSE
/M3C1Reset Alm?	M3C1 Alarm Reset	m3reset_c1_alm_5	Off	No, Yes	TRUE
M3C2 in Alarm?	Module 3 Comp 2 Fail	m3_comp2_fail_5	Off	No, Yes	FALSE
/M3C2Reset Alm?	M3C2 Alarm Reset	m3reset_c2_alm_5	Off	No, Yes	TRUE
M4C1 in Alarm?	Module 4 Comp 1 Fail	m4_comp1_fail_5	On	No, Yes	FALSE
/M4C1Reset Alm?	M4C1 Alarm Reset	m4reset_c1_alm_5	Off	No, Yes	TRUE
M4C2 in Alarm?	Module 4 Comp 2 Fail	m4_comp2_fail_5	Off	No, Yes	FALSE
/M4C2Reset Alm?	M4C2 Alarm Reset	m4reset_c2_alm_5	Off	No, Yes	TRUE
M5C1 in Alarm?	Module 5 Comp 1 Fail	m5_comp1_fail_5	Off	No, Yes	FALSE
/M5C1Reset Alm?	M5C1 Alarm Reset	m5reset_c1_alm_5	Off	No, Yes	TRUE
M5C2 in Alarm?	Module 5 Comp 2 Fail	m5_comp2_fail_5	Off	No, Yes	FALSE
/M5C2Reset Alm?	M5C2 Alarm Reset	m5reset_c2_alm_5	Off	No, Yes	TRUE
M6C1 in Alarm?	Module 6 Comp 1 Fail	m6_comp1_fail_5	Off	No, Yes	FALSE
/M6C1Reset Alm?	M6C1 Alarm Reset	m6reset_c1_alm_5	Off	No, Yes	TRUE
M6C2 in Alarm?	Module 6 Comp 2 Fail	m6_comp2_fail_5	On	No, Yes	FALSE
/M6C2Reset Alm?	M6C2 Alarm Reset	m6reset_c2_alm_5	Off	No, Yes	TRUE
M7C1 in Alarm?	Module 7 Comp 1 Fail	m7_comp1_fail_5	Off	No, Yes	FALSE
/M7C1Reset Alm?	M7C1 Alarm Reset	m7reset_c1_alm_5	Off	No, Yes	TRUE
M7C2 in Alarm?	Module 7 Comp 2 Fail	m7_comp2_fail_5	Off	No, Yes	FALSE
/M7C2Reset Alm?	M7C2 Alarm Reset	m7reset_c2_alm_5	Off	No, Yes	TRUE

LINK(S): PREV, SYSTEM SETUP, HOME

## RESET MODULE FREEZ & HOT ALARMS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
CoolLogic Reset Mod Freez & Hot Alarms						
M1 inFreezAlm?	Module 1 Freeze Alarm	m1_freeze_alm_5	No	No, Yes		FALSE
/M1 Frz-CWReset?	Reset Mot1 Vlv Fail	m1_reset_freeze_5	Off	No, Yes		TRUE
M1 in CWR Alm? (/)	Module 1 Leaving Cond Water Alarm	m1_cwr_alm_5	No	No, Yes		FALSE
M2 inFreezAlm?	Module 2 Freeze Alarm	m2_freeze_alm_5	No	No, Yes		FALSE
/M2 Frz-CWReset?	Reset Mot2 Vlv Fail	m2_reset_freeze_5	Off	No, Yes		TRUE
M2 in CWR Alm? (/)	Module 2 Leaving Cond Water Alarm	m2_cwr_alm_5	No	No, Yes		FALSE
M3 inFreezAlm?	Module 3 Freeze Alarm	m3_freeze_alm_5	No	No, Yes		FALSE
/M3 Frz-CWReset?	Reset Mot3 Vlv Fail	m3_reset_freeze_5	Off	No, Yes		TRUE
M3 in CWR Alm? (/)	Module 3 Leaving Cond Water Alarm	m3_cwr_alm_5	No	No, Yes		FALSE
M4 inFreezAlm?	Module 4 Freeze Alarm	m4_freeze_alm_5	No	No, Yes		FALSE
/M4 Frz-CWReset?	Reset Mot4 Vlv Fail	m4_reset_freeze_5	Off	No, Yes		TRUE
M4 in CWR Alm? (/)	Module 4 Leaving Cond Water Alarm	m4_cwr_alm_5	No	No, Yes		FALSE
M5 inFreezAlm?	Module 5 Freeze Alarm	m5_freeze_alm_5	No	No, Yes		FALSE
/M5 Frz-CWReset?	Reset Mot5 Vlv Fail	m5_reset_freeze_5	Off	No, Yes		TRUE
M5 in CWR Alm? (/)	Module 5 Leaving Cond Water Alarm	m5_cwr_alm_5	No	No, Yes		FALSE
M6 inFreezAlm?	Module 6 Freeze Alarm	m6_freeze_alm_5	No	No, Yes		FALSE
/M6 Frz-CWReset?	Reset Mot6 Vlv Fail	m6_reset_freeze_5	Off	No, Yes		TRUE
M6 in CWR Alm? (/)	Module 6 Leaving Cond Water Alarm	m6_cwr_alm_5	No	No, Yes		FALSE
M7 inFreezAlm?	Module7 Freeze Alarm	m7_freeze_alm_5	No	No, Yes		FALSE
/M7 Frz-CWReset?	Reset Mot7 Vlv Fail	m7_reset_freeze_5	Off	No, Yes		TRUE
M7 in CWR Alm? (/)	Module 7 Leaving Cond Water Alarm	m7_cwr_alm_5	No	No, Yes		FALSE





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Software Version: UCW-H-R.10b.13

Product Line: UCW-H-R

Chiller Type: 4 PIPE- COOL, HR, REM AIR COOLED

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

## RESET COMP RUNTIME & CYCLES

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
Reset Compr Runtime & Cycles Menu						
M1C1Reset Runtm	M1C1 Runtime Reset	m1reset_c1_rtim_5	Off	No, Yes		TRUE
/M1C1Reset Cyc	M1C1 Cycles Reset	m1c1_cycles_reset_5	Off	No, Yes		TRUE
M1C2Reset Runtm	M1C2 Runtime Reset	m1reset_c2_rtim_5	Off	No, Yes		TRUE
/M1C2Reset Cyc	M1C2 Cycles Reset	m1c2_cycles_reset_5	Off	No, Yes		TRUE
M2C1Reset Runtm	M2C1 Runtime Reset	m2reset_c1_rtim_5	Off	No, Yes		TRUE
/M2C1Reset Cyc	M2C1 Cycles Reset	m2c1_cycles_reset_5	Off	No, Yes		TRUE
M2C2Reset Runtm	M2C2 Runtime Reset	m2reset_c2_rtim_5	Off	No, Yes		TRUE
/M2C2Reset Cyc	M2C2 Cycles Reset	m2c2_cycles_reset_5	Off	No, Yes		TRUE
M3C1Reset Runtm	M3C1 Runtime Reset	m3reset_c1_rtim_5	Off	No, Yes		TRUE
/M3C1Reset Cyc	M3C1 Cycles Reset	m3c1_cycles_reset_5	Off	No, Yes		TRUE
M3C2Reset Runtm	M3C2 Runtime Reset	m3reset_c2_rtim_5	Off	No, Yes		TRUE
/M3C2Reset Cyc	M3C2 Cycles Reset	m3c2_cycles_reset_5	Off	No, Yes		TRUE
M4C1Reset Runtm	M4C1 Runtime Reset	m4reset_c1_rtim_5	Off	No, Yes		TRUE
/M4C1Reset Cyc	M4C1 Cycles Reset	m4c1_cycles_reset_5	Off	No, Yes		TRUE
M4C2Reset Runtm	M4C2 Runtime Reset	m4reset_c2_rtim_5	Off	No, Yes		TRUE
/M4C2Reset Cyc	M4C2 Cycles Reset	m4c2_cycles_reset_5	Off	No, Yes		TRUE
M5C1Reset Runtm	M5C1 Runtime Reset	m5reset_c1_rtim_5	Off	No, Yes		TRUE
/M5C1Reset Cyc	M5C1 Cycles Reset	m5c1_cycles_reset_5	Off	No, Yes		TRUE
M5C2Reset Runtm	M5C2 Runtime Reset	m5reset_c2_rtim_5	Off	No, Yes		TRUE
/M5C2Reset Cyc	M5C2 Cycles Reset	m5c2_cycles_reset_5	Off	No, Yes		TRUE
M6C1Reset Runtm	M6C1 Runtime Reset	m6reset_c1_rtim_5	Off	No, Yes		TRUE
/M6C1Reset Cyc	M6C1 Cycles Reset	m6c1_cycles_reset_5	Off	No, Yes		TRUE
M6C2Reset Runtm	M6C2 Runtime Reset	m6reset_c2_rtim_5	Off	No, Yes		TRUE
/M6C2Reset Cyc	M6C2 Cycles Reset	m6c2_cycles_reset_5	Off	No, Yes		TRUE
M7C1Reset Runtm	M7C1 Runtime Reset	m7reset_c1_rtim_5	Off	No, Yes		TRUE
/M7C1Reset Cyc	M7C1 Cycles Reset	m7c1_cycles_reset_5	Off	No, Yes		TRUE
M7C2Reset Runtm	M7C2 Runtime Reset	m7reset_c2_rtim_5	Off	No, Yes		TRUE
/M7C2Reset Cyc	M7C2 Cycles Reset	m7c2_cycles_reset_5	Off	No, Yes		TRUE

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

## RESET MODULE SENSOR OOR ALARMS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
CoolLogic Reset Module Sensor OOR Alms						
M1C1 inOOR Alm?	Module 1 Comp 1 Sensor OOR	m1_comp1_oor_5	Off	No, Yes		FALSE
/ Reset M1 OOR?	M1 Sensor OOR Reset	m1_oor_sl_reset_5	Off	No, Yes		TRUE
M1C2 inOOR Alm? (/)	Module 1 Comp 2 Sensor OOR	m1_comp2_oor_5	Off	No, Yes		FALSE
M2C1 inOOR Alm?	Module 2 Comp 1 Sensor OOR	m2_comp1_oor_5	Off	No, Yes		FALSE
/ Reset M2 OOR?	M2 Sensor OOR Reset	m2_oor_sl_reset_5	Off	No, Yes		TRUE
M2C2 inOOR Alm? (/)	Module 2 Comp 2 Sensor OOR	m2_comp2_oor_5	Off	No, Yes		FALSE
M3C1 inOOR Alm?	Module 3 Comp 1 Sensor OOR	m3_comp1_oor_5	Off	No, Yes		FALSE
/ Reset M3 OOR?	M3 Sensor OOR Reset	m3_oor_sl_reset_5	Off	No, Yes		TRUE
M3C2 inOOR Alm? (/)	Module 3 Comp 2 Sensor OOR	m3_comp2_oor_5	Off	No, Yes		FALSE
M4C1 inOOR Alm?	Module 4 Comp 1 Sensor OOR	m4_comp1_oor_5	On	No, Yes		FALSE
/ Reset M4 OOR?	M4 Sensor OOR Reset	m4_oor_sl_reset_5	Off	No, Yes		TRUE
M4C2 inOOR Alm? (/)	Module 4 Comp 2 Sensor OOR	m4_comp2_oor_5	Off	No, Yes		FALSE
M5C1 inOOR Alm?	Module 5 Comp 1 Sensor OOR	m5_comp1_oor_5	Off	No, Yes		FALSE
/ Reset M5 OOR?	M5 Sensor OOR Reset	m5_oor_sl_reset_5	Off	No, Yes		TRUE
M5C2 inOOR Alm? (/)	Module 5 Comp 2 Sensor OOR	m5_comp2_oor_5	Off	No, Yes		FALSE
M6C1 inOOR Alm?	Module 6 Comp 1 Sensor OOR	m6_comp1_oor_5	Off	No, Yes		FALSE
/ Reset M6 OOR?	M6 Sensor OOR Reset	m6_oor_sl_reset_5	Off	No, Yes		TRUE
M6C2 inOOR Alm? (/)	Module 6 Comp 2 Sensor OOR	m6_comp2_oor_5	On	No, Yes		FALSE
M7C1 inOOR Alm?	Module 7 Comp 1 Sensor OOR	m7_comp1_oor_5	Off	No, Yes		FALSE



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Product Line: UCW-H-R  
Chiller Type: 4 PIPE- COOL, HR, REM AIR COOLED

/ Reset M7 OOR?	M7 Sensor OOR Reset	m7_oor_sl_reset_5	Off	No, Yes		TRUE
M7C2 inOOR Alm? (/)	Module 7 Comp 2 Sensor OOR	m7_comp2_oor_5	Off	No, Yes		FALSE

LINK(S): PREV, SYSTEM SETUP, HOME

## ALL MODULE COMP UNLOAD STATUS FN 5

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
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
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
M1C2 Low Suct Press Unload :	Module 1 Comp 2 Suct Pressure Unload	m1_c2_lo_suc_psi_unld_5	Off	Off, On		FALSE
M1C1 XLow Suct Press Unload :	Module 1 Comp 1 XLow Suct Pressure Unload	m1_c1_lolo_suc_psi_unld_5	Off	Off, On		FALSE
M1C2 XLow Suct Press Unload :	Module 1 Comp 2 XLow Suct Pressure Unload	m1_c2_lolo_suc_psi_unld_5	Off	Off, On		FALSE
M1C1 Low Suct Temp Unload :	Module 1 Comp 1 Suct Temp Unload	m1_c1_lo_suc_tmp_unld_5	Off	Off, On		FALSE
M1C2 Low Suct Temp Unload :	Module 1 Comp 2 Suct Temp Unload	m1_c2_lo_suc_tmp_unld_5	Off	Off, On		FALSE
M1 Evap Freeze Temp Unload :	Module 1 Freeze trg Unload	m1_freeze_trg_unld_5	Off	Off, On		FALSE
M1 Cond WatOut Temp Unload :	Module 1 CWR trg Unload	m1_cwr_trg_unld_5	Off	Off, On		FALSE
M1C1 High Dis Press Unload :	Module 1 Comp 1 Dis Pressure Unload	m1_c1_hi_dis_psi_unld_5	Off	Off, On		FALSE
M1C2 High Dis Press Unload :	Module 1 Comp 2 Dis Pressure Unload	m1_c2_hi_dis_psi_unld_5	Off	Off, On		FALSE
M1C1 High Dis Temp Unload :	Module 1 Comp 1 Dis Temp Unload	m1_c1_hi_dis_tmp_unld_5	Off	Off, On		FALSE
M1C2 High Dis Temp Unload :	Module 1 Comp 2 Dis Temp Unload	m1_c2_hi_dis_tmp_unld_5	Off	Off, On		FALSE
M1C1 Hi Suc Supr Ht Unload :	Module 1 Comp 1 Dis Temp Unload	m1_c1_hi_suc_sh_unld_5	Off	Off, On		FALSE
M1C2 Hi Suc Supr Ht Unload :	Module 1 Comp 2 Dis Temp Unload	m1_c2_hi_suc_sh_unld_5	Off	Off, On		FALSE
M1C1 Compressor No-Run Unload :	Module 1 Comp 1 No Run Unload	m1_c1_no_run_unld_5	Off	Off, On		FALSE
M1C2 Compressor No-Run Unload :	Module 1 Comp 2 No Run Unload	m1_c2_no_run_unld_5	Off	Off, On		FALSE

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

## MODULE FACTORY SETUP FN 6

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
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,MANUAL DISABLE COMPRESSOR MENU,PREV, SYSTEM SETUP, HOME, ALARM

### REFRIGERANT TYPE

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

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Product Line: UCW-H-R

Chiller Type: 4 PIPE- COOL, HR, REM AIR COOLED

CoolLogic Model & Refrig Setup Menu						
Mod Ref Type	Module Compr Ref Type	mod_comp_ref_type_5	410a	410a, 134a		TRUE
Chiller Model Type:	Chiller Model Type	chiller_model_type_5	UCH	UCW, UCH, UCR		TRUE

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

### REFRIG TMP & PRESS SENSORS AVAIL

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
Module Refr Temp & Press Avail Sensors						
Dis Pres Avail	Module DISCH PSI AVAIL	mod_disch_psi_avail_5	On	Off, On		TRUE
/Suc Pres Avail	Module SUC PSI AVAIL	mod_suc_psi_avail_5	On	Off, On		TRUE
Dis Temp Avail	Module DISCH TMP AVAIL	mod_disch_tmp_avail_5	Off	Off, On		TRUE
/Suc Temp Avail	Module SUC TMP AVAIL	mod_suc_tmp_avail_5	On	Off, On		TRUE
Avail. Sensor Menu Water Temp.						
Leaving Cond Water Temp CWR Avail	Module CWR AVAIL	mod_cwr_avail_5	On	Off, On		TRUE
EnabCWR LoAlm	Module CWR Enable Low Limit	mod_cwr_lo_enable_5	On	Off, On		TRUE
/EnabCHS HiAlm	Module CWR Enable High Limit	mod_chs_hi_enable_5	On	Off, On		TRUE

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

### REFRIG TMP & PSI ALARM SETPTS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
Module Refr Temp & Press. Alarm Setpts						
DisPrAlm410UCW	High Head Press Sp 410a UCW	mod_hi_disch_press_sp_410_ucw_5	398.0	FALSE	250	TRUE
/DisPrAlm410UCH	High Head Press Sp 410a UCH-UCR	mod_hi_disch_press_sp_410_uchr_5	565.0	FALSE	300	TRUE
DisPrAlm134UCH	High Head Press Sp 134a UCH-UCR	mod_hi_disch_press_sp_134_uchr_5	380.0	FALSE	200	TRUE
Mod Active Status DisPr Alm SP:	Module Hi Disch Press Setpt	mod_hi_disch_press_sp_5	565.0	FALSE		FALSE
SucPr Alm 410a	Low Suction Press Sp 410a	mod_lo_suc_press_sp_410_5	92.0	FALSE	30	TRUE
/SucPr Alm 134a	Low Suction Press Sp 134a	mod_lo_suc_press_sp_134_5	25.0	FALSE	20	TRUE
Mod Active Status SucPr Alm SP:	Module Low Suction Press Setpt	mod_low_press_sp_5	92.0	FALSE		FALSE
Mod SucPr Time Delay Before Alarm:	Module LO SUC PSI Delay	mod_lo_suc_psi_delay_5	30.0	FALSE	0	TRUE
Mod Extra Low SucPr Alm SP:	Module LO-LO SUC PSI Setpoint	mod_low_low_press_sp_5	10.0	FALSE	0	TRUE
Low Head Press Setpoint R410A :	Low Head Press Sp 410a	mod_lo_disch_press_sp_410_5	280.0	FALSE	1	TRUE
Low Head Press Setpoint R134a :	Low Head Press Sp 134a	mod_lo_disch_press_sp_134_5	105.0	FALSE	1	TRUE
Low Head Press Setpoint Status:	Module Lo Disch Press Setpt	mod_lo_disch_press_sp_5	280.0	FALSE	1	FALSE
Mod SucTp Alm SP	Module Low Suction Temp	mod_lo_suction_tmp_5	32.0	FALSE	10	TRUE
Hi DisTp R410A	Module Hi Disch Temp R-410A	mod_hi_disch_tmp_410_5	225.0	FALSE	150	TRUE
/Hi DisTp R134a	Module Hi Disch Temp R-134a	mod_hi_disch_tmp_134_5	265.0	FALSE	150	TRUE
Mod Active Status Hi DisTp Alm SP:	Module Hi Disch Temp Setpt	mod_hi_disch_tmp_sp_5	225.0	FALSE	150	TRUE

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

### LO SUC SPRHT & LO DISCH SPRHT SETPTS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
CoolLogic Suc&Dis SuperHt Alm Setpts						
M Lo DisSuprHt	Module Low Disch SuperHt Setpt	mod_lo_disc_supht_sp_5	15.0	FALSE		TRUE
/M Lo SucSuprHt	Module Low Suct SuperHt Setpt	mod_lo_suc_supht_sp_5	2.0	FALSE		TRUE
M Hi SucSuprHt (/)	Module High Suct SuperHt Setpt	mod_hi_suc_supht_sp_5	36.0	FALSE		TRUE
Use High Superheat Cutout?	Use Hi Superheat for Compr Cutout	use_hi_sh_cutout_5	Off	No, Yes		TRUE

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



# LOCAL ACCESS DISPLAY TABLE

Software Version: UCW-H-R.10b.13

Product Line: UCW-H-R  
Chiller Type: 4 PIPE- COOL, HR, REM AIR COOLED

## COMPR MIN MAX RUN TIMES

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
Compressor Min & Max Run Times						
Compr Minimum Run Time (sec)	Module Compr Min Run Time	mod_cmpr_min_run_5	90.0	FALSE	1	TRUE
Compr Minimum Off Time (sec)	Module Compr Min Off Delay	mod_cmpr_off_delay_5	220.0	FALSE	1	TRUE

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

## COMPR ALARM DELAY

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
CoolLogic Compr Alarm Delays						
Mod Alm Delay	Module Compr Status Alarm Delay	mod_comp_stat_alm_delay_5	600.0	FALSE	5	TRUE

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

## MODULE WATER TEMP LIMITS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
CoolLogic Module Water Out Temp Limits						
Mod Evap Wat Out Lo Limit: (F)	Module Freeze Target Setpoint	mod_freeze_trg_sp_5	36.0	FALSE	10	TRUE
Mod Evap Wat Out Hi Limit: (F)	Module High Evaporator Leaving Temp at Startup	mod_high_evap_lvg_tmp_5	95.0	FALSE	10	TRUE
Mod Cond Wat Out Lo Limit: (F)	Module Low Condenser Leaving Temp. Setpoint	mod_low_cond_lvg_sp_5	45.0	FALSE	10	TRUE
Mod Cond Wat Out Hi Limit: HI WTR OUT UCW	UCW Module High Cond Leaving Temp at Startup	ucw_mod_cwr_trg_sp_5	122.0	FALSE	10	TRUE
/HI WTR OUT UCH	UCH Module High Cond Leaving Temp at Startup	uch_mod_cwr_trg_sp_5	140.0	FALSE	10	TRUE
Mod Cond Wat Out Hi Limit: (F)	Module Leaving Cond Water Temp Setpoint	mod_cwr_trg_sp_5	140.0	FALSE	10	FALSE

LINK(S): PREV, SYSTEM SETUP, HOME

## MANUAL DISABLE COMPRESSOR MENU

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
Manual Disable Compressor Menu						
Manually Disable Mod#1 Comp#1?		m1c1_disable_comp_5		No, Yes		TRUE
Manually Disable Mod#1 Comp#2?		m1c2_disable_comp_5		No, Yes		TRUE
Manually Disable Mod#2 Comp#1?		m2c1_disable_comp_5		No, Yes		TRUE
Manually Disable Mod#2 Comp#2?		m2c2_disable_comp_5		No, Yes		TRUE
Manually Disable Mod#3 Comp#1?		m3c1_disable_comp_5		No, Yes		TRUE
Manually Disable Mod#3 Comp#2?		m3c2_disable_comp_5		No, Yes		TRUE
Manually Disable Mod#4 Comp#1?		m4c1_disable_comp_5		No, Yes		TRUE
Manually Disable Mod#4 Comp#2?		m4c2_disable_comp_5		No, Yes		TRUE
Manually Disable Mod#5 Comp#1?		m5c1_disable_comp_5		No, Yes		TRUE
Manually Disable Mod#5 Comp#2?		m5c2_disable_comp_5		No, Yes		TRUE
Manually Disable Mod#6 Comp#1?		m6c1_disable_comp_5		No, Yes		TRUE
Manually Disable Mod#6 Comp#2?		m6c2_disable_comp_5		No, Yes		TRUE
Manually Disable Mod#7 Comp#1?		m7c1_disable_comp_5		No, Yes		TRUE
Manually Disable Mod#7 Comp#2?		m7c2_disable_comp_5		No, Yes		TRUE

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

## SERVICE MENU SETUP FN

7

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

LINK(S): DIAGNOSTICS MANUAL MODE, CALIB WATER HDR & AMB AIR TEMPS, CALIBRATE WATER DIFF PRESSURE SENSORS, ALL MODULE SENSOR CALIBRATION MENUS,

**WATER HDR & AMB AIR TEMP LIMITS, LOCK HDR WATER & AMB AIR 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, ALARM CONDITION RETRIES MENU, MOTORIZED VALVE OPTION TIME MSTR, PREV, SYSTEM SETUP, HOME, ALARM**

### DIAGNOSTICS MANUAL MODE

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
(/) (/)		, Manual Mode M1, Manual Mode M2				
Link (/)		Manual Mode M3, Manual Mode M4				
Link (/)		Manual Mode M5, Manual Mode M6				
SWAP LEAD COMPR:	Manually Refresh Lead Compr	man_refr_cplead_1	Do Not Refresh Lead	Do Not Refresh Lead, Refresh Lead		TRUE

**LINK(S): MANUAL MODE M7, LOCK HDR WATER & AMB AIR TEMPS, PREV, SYSTEM SETUP, HOME, ALARM**

### MANUAL MODE M1

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
M1 Manual Mode	M1 Manual Mode Enable	m1_man_mode_5	Off	Off, On		TRUE
M1C1 Manual ON	M1C1 Manual Run	m1c1_man_run_5	Off	Off, On		TRUE
M1C1 Status:	Module 1 Comp 1 Status	m1_comp1_status_5	Off	Off, On		FALSE
M1C2 Manual ON	M1C2 Manual Run	m1c2_man_run_5	Off	Off, On		TRUE
M1C2 Status:	Module 1 Comp 2 Status	m1_comp2_status_5	Off	Off, On		FALSE
M1 Reset Manual Mode	M1 Reset Manual Run	m1_reset_man_run_5	Off	Off, On		TRUE
Max Time Allowed in Manual Mode: (s)	Man Mode Time	man_mode_time_5	999.0	FALSE	1	TRUE
Force Reset to Manual Run	M1 Force Reset Manual Run	m1_force_reset_man_5	Off	Off, On		TRUE

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

### CALIB WATER HDR & AMB AIR TEMPS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
Calibrate Main Header Water & Air Temps						
Evap InSens: (F)	EVAP IN TMP	chwr_temp_1	60.9 °F	FALSE		FALSE
/Evap Wat In: (F)	CHWR In Temp Status	chwr_stat_1	60.9	FALSE		FALSE
Evap In Calib Offset: (F)	CHWR Temp Calibration Point	chwr_cali_point_1	0.0	FALSE	-250	TRUE
Evp OutSens: (F)	EVAP OUT TMP	chws_temp_1	41.8 °F	FALSE		FALSE
/Evap WatOut: (F)	CHWS Out Temp Status	chws_stat_1	41.8	FALSE		FALSE
Evap Out Calib Offset: (F)	CHWS Temp Calibration Point	chws_cali_point_1	0.0	FALSE	-250	TRUE
Cnd Out Sens: (F)	COND OUT TMP	cwr_temp_1	105.8 °F	FALSE		FALSE
/CndWat Out: (F)	CWR Out Status	cwr_stat_1	105.8	FALSE		FALSE
Cond Out Calib Offset: (F)	CWR Calibration Point	cwr_cali_point_1	0.0	FALSE	-250	TRUE
Cond In Sens: (F)	COND IN TMP	cws_temp_1	109.7 °F	FALSE		FALSE
/Cnd Wat In: (F)	CWS In Temp Status	cws_stat_1	109.7 °F	FALSE		FALSE
Cond In Calib Offset: (F)	CWS Temp Calibration Point	cws_cali_point_1	0.0	FALSE	-250	TRUE
Outdoor Sens: (F)	OA Temp	oat_1	-60.2 °F	FALSE		FALSE
/Outdr Air: (F)	OAT Status	oat_stat_1	-60.2	FALSE		FALSE
Outdoor Air Calib Offset: (F)	OAT Calibration Point	oat_cali_point_1	0.0	FALSE	-250	TRUE

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

### CALIBRATE WATER DIFF PRESSURE SENSORS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
Calibrate Water Diff Press Sensors						
Chil Water Dif Psi Stat: (F)	Diff Press Cool Load	diff_press_chil_load_1	10.554779 °F	FALSE		FALSE
Chil PsiCalib Offset: (F)	Chilled Diff Press Calibration Point	chwpsi_cali_point_1	0.0	FALSE	-199	TRUE



# LOCAL ACCESS DISPLAY TABLE

Software Version: UCW-H-R.10b.13

Product Line: UCW-H-R  
Chiller Type: 4 PIPE- COOL, HR, REM AIR COOLED

Cond Water Dif Psi Stat: (F)	Diff Press Cond Load	diff_press_cond_load_1	10.554779 °F	FALSE		FALSE
Cond Psi Calib Offset: (F)	Cond Diff Press Calibration Point	cwpsi_cali_point_1	0.0	FALSE	-199	TRUE

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

## ALL MODULE SENSOR CALIBRATION MENUS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
CoolLogic All Module Calibration Menus						

**LINK(S): MODULE 1 SENSOR CALIBRATIONS,MODULE 2 SENSOR CALIBRATIONS,MODULE 3 SENSOR CALIBRATIONS,MODULE 4 SENSOR CALIBRATIONS,MODULE 5 SENSOR CALIBRATIONS,MODULE 6 SENSOR CALIBRATIONS,MODULE 7 SENSOR CALIBRATIONS,PREV, SYSTEM SETUP, HOME, ALARM**

## MODULE 1 SENSOR CALIBRATIONS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
<b>ClimaCool Module 1 Water Calibrations</b>						
EvpOutCalib: (F)	M1 CHWS Temp Calib. Point	m1_chws_temp_cp_5	0.0	FALSE	-250	TRUE
/EvpOutSta: (F)	M1 Evap Leaving Temp	m1_chws_temp_stat_5	69.3	FALSE		FALSE
CndOutCal: (F)	M1 CWR Temp Calib. Point	m1_cwr_temp_cp_5	0.0	FALSE	-250	TRUE
/CndOutStat: (F)	M1 Cond Leaving Temp	m1_cwr_temp_stat_5	118.1	FALSE		FALSE
<b>ClimaCool Module 1 Refrig Calibrations</b>						
C1DisPresCal: (psi)	M1C1 DIS Pressure Calib. Point	m1c1_disch_pres_cp_5	0.0	FALSE	-250	TRUE
/C1DisPr: (psi)	Module 1 Comp 1 Disch Press	m1_c1_disch_pres_stat_5	367.2	FALSE	0	FALSE
C2DisPresCal: (psi)	M1C2 DIS Pressure Calib. Point	m1c2_disch_pres_cp_5	0.0	FALSE	-250	TRUE
/C2DisPr: (psi)	Module 1 Comp 2 Discharge Pressure	m1_c2_disch_pres_stat_5	366.4	FALSE	0	FALSE
C1SucPresCal: (psi)	M1C1 SUC Pressure Calib. Point	m1c1_suc_pres_cp_5	0.0	FALSE	-250	TRUE
/C1SucPr: (ps)	Module 1 Comp 1 Suction Pressure	m1_c1_suc_pres_stat_5	122.4	FALSE		FALSE
C2SucPresCal: (psi)	M1C2 SUC Pressure Calib. Point	m1c2_suc_pres_cp_5	0.0	FALSE	-250	TRUE
/C2SucPr: (ps)	Module 1 Comp 2 Suction Pressure	m1_c2_suc_pres_stat_5	122.5	FALSE		FALSE
C1DisTmpCal: (F)	M1C1 DIS Temp Calib. Point	m1c1_disch_temp_cp_5	0.0	FALSE	-250	TRUE
/C1DisTp: (F)	Module 1 Comp 1 Disch Temp	m1_c1_disch_temp_stat_5	94.5	FALSE		FALSE
C2DisTmpCal: (F)	M1C2 DIS Temp Calib. Point	m1c2_disch_temp_cp_5	0.0	FALSE	-250	TRUE
/C2DisTp: (F)	Module 1 Comp 2 Disch Temp	m1_c2_disch_temp_stat_5	94.6	FALSE		FALSE
C1SucTempCal: (F)	M1C1 SUC Temp Calib. Point	m1c1_suc_tmp_cp_5	0.0	FALSE	-250	TRUE
/C1SucTp: (F)	Module 1 Comp 1 Suction Temp	m1_c1_suct_temp_stat_5	46.5	FALSE		FALSE
C2SucTempCal: (F)	M1C2 SUC Temp Calib. Point	m1c2_suc_tmp_cp_5	0.0	FALSE	-250	TRUE
/C2SucTp: (F)	Module 1 Comp 2 Suction Temp	m1_c2_suct_temp_stat_5	46.2	FALSE		FALSE

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

## LOCK HDR WATER & AMB AIR TEMPS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
<b>Lock Main Header Water &amp; Air Temps</b>						
Evap Wat In Lock :	Lock CHWR Temp	lock_chwr_1	No	Off, On		TRUE
Evap Wat In Lock Value : (F)	CHWR Lock Value	chwr_lock_val_1	54.0	FALSE	10	TRUE
Evap Wat Out Lock:	Lock EVAP LVG TMP	lock_chws_1	No	Off, On		TRUE
Evap Wat Out Lock Value: (F)	EVAP LVG TMP Lock Value	chws_lock_val_1	27.0	FALSE	10	TRUE
Cond Wat In Lock :	Lock CWS Temp	lock_cws_1	No	Off, On		TRUE
Cond Wat In Lock Value : (F)	CWS Lock Value	cws_lock_val_1	85.0	FALSE	10	TRUE
Cond Wat Out Lock:	Lock CWR Temp	lock_cwr_1	No	Off, On		TRUE
Cond Wat Out Lock Value: (F)	CWR Lock Value	cwr_lock_val_1	95.0	FALSE	10	TRUE
Outdoor Air Lock:	Lock CHWS Temp	lock_oat_1	Yes	Off, On		TRUE
Outdoor Air Lock Value: (F)	OAT Lock Value	oat_lock_val_1	60.0	FALSE	-20	TRUE

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

### ALARM CONDITION RETRIES MENU

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
Module Alarm Condition Retries						
Module Hi Disch Press Retry:	Module HI DIS PSI RETRY	mod_hi_dis_psi_retry_5	3.0	FALSE	0	TRUE
Module Low Suct Press Retry:	Module LO SUC PSI RETRY	mod_lo_suc_psi_retry_5	3.0	FALSE	0	TRUE
Module Freeze Target Retry:	Module FREEZE TRG RETRY	mod_freeze_trg_retry_5	3.0	FALSE	0	TRUE
Module Hi Cond Water Retry:	Module CWR TRG RETRY	mod_cwr_trg_retry_5	3.0	FALSE	0	TRUE
Module Hi Disch Temp Retry:	Module HI DIS TMP RETRY	mod_hi_dis_tmp_retry_5	3.0	FALSE	0	TRUE
Module Low Suct Temp Retry:	Module LO SUC TMP RETRY	mod_lo_suc_tmp_retry_5	3.0	FALSE	0	TRUE

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

## MASTER MICRO FACTORY SETUP FN 8

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
CoolLogic Master Ctrlr Fact Setup FN8 FN5						

*LINK(S): MODULE SIZE SELECTOR,MODULE NUMBER SELECTION MENU,PID COOL STG1 SETUP,PID HEAT STG1 SETUP,FIXED OPEN MODULE MENU,TRIM MODULE MENU, MOTORIZED VALVE OPTION,MASTER INPUT CHNLS 6, &10 SETUP,MASTER INPUT 8 & 11 SETUP,CHANNELS 8 & 11 CUSTOM AI SETUP,DEMAND LIMITING CHNL# 7 SETUP, WATER HDR & AMB AIR TEMP LIMITS,STARTUP & STAGE DELAYS,ALL MODULE COMP UNLOAD STATUS,LEAD COMPR ROTATION SETUP,HEAT BIN LOAD CAP% STATUS, COOL BIN LOAD CAP% STATUS,KEYPAD,PREV, SYSTEM SETUP, HOME, ALARM*

### MODULE SIZE SELECTOR

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
Module Size Selector Screen Legend						
Mod1 Size:	Module 1 Size	mod1_size_1	Used	Not Used, Used		TRUE
Mod2 Size:	Module 2 Size	mod2_size_1	Used	Not Used, Used		TRUE
Mod3 Size:	Module 3 Size	mod3_size_1	Used	Not Used, Used		TRUE
Mod4 Size:	Module 4 Size	mod4_size_1	Used	Not Used, Used		TRUE
Mod5 Size:	Module 5 Size	mod5_size_1	Used	Not Used, Used		TRUE
Mod6 Size:	Module 6 Size	mod6_size_1	Used	Not Used, Used		TRUE
Mod7 Size:	Module 7 Size	mod7_size_1	Used	Not Used, Used		TRUE

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

### MODULE NUMBER SELECTION MENU

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
FIX Module Number Selector						
Module #1 Number:	M1 Module Number	m1_mod_number_5	1.0	FALSE	0	TRUE
Module #2 Number:	M2 Module Number	m2_mod_number_5	2.0	FALSE	0	TRUE
Module #3 Number:	M3 Module Number	m3_mod_number_5	3.0	FALSE	0	TRUE
Module #4 Number:	M4 Module Number	m4_mod_number_5	4.0	FALSE	0	TRUE
Module #5 Number:	M5 Module Number	m5_mod_number_5	5.0	FALSE	0	TRUE
Module #6 Number:	M6 Module Number	m6_mod_number_5	6.0	FALSE	0	TRUE
Module #7 Number:	M7 Module Number	m7_mod_number_5	7.0	FALSE	0	TRUE

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

### PID COOL STG1 SETUP

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



# LOCAL ACCESS DISPLAY TABLE

Software Version: UCW-H-R.10b.13

Product Line: UCW-H-R  
Chiller Type: 4 PIPE- COOL, HR, REM AIR COOLED

CoolLogic Cool PID Stage #1 Setup	Stage 1 Cooling PID	stg1_clg_pid_1	0.0	FALSE		FALSE
Stage 1&2 Cool PID Output: % / (%)	Stage 2 Cooling PID	stg2_clg_pid_1	0.0	FALSE		FALSE
Stage One Cool PID Interval: *****	Clg PID Interval	clg_interval_1	2.0 sec	FALSE	2	TRUE
Use Pre-Calc PID Values Below?	Use Calculated P and I	use_calc_prop_integ_1	Yes	No, Yes		TRUE
Stage One Cool PID P-Gain:	Calc Cooling Proportional	calc_clg_proportional_1	18.0	FALSE	0	FALSE
Stage One Cool PID I-Gain #1:	Calc Cooling PID	calc_clg_integral_1	0.3	FALSE	0	FALSE
Clg PID Rise: (%/min)	Calc Cooling Rise	calc_clg_rise_1	2.857143	FALSE	2	FALSE
Clg PID Fall: (%/min) *****	Calc Cooling Fall	calc_clg_fall_1	17.857141	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
Stage One Cool PID I-Gain #1:	Clg PID I-gain	clg_i_gain_1	0.45	FALSE	0	TRUE
Clg PID Rise: (%/min)	Clg PID Rise	clg_rise_1	12.0 sec	FALSE	2	TRUE
Clg PID Fall: (%/min) *****	Clg PID Fall	clg_fall_1	75.0	FALSE	2	TRUE
Max Cool Ramp Rate: - (F) (/min)	MAX COOL RAMP RATE	max_cool_ramp_rate_1	10.0 °F/min	FALSE	1	TRUE
Cool Max PID Limit with Mot Vlv: (%)	MAX PID LIM w/ Mot Vlvs	max_pid_lim_mv_1	200.0 °F	FALSE	100	TRUE
Cool Max PID of Last Stgw/MotVlv: (%)	MAX PID at Last Stg ON with MV	max_pid_last_stg_mv_1	200.0	FALSE	100	TRUE
Cool Max PID Limit w/out MotVlv: (%)	MAX PID LIM w/out Mot Vlvs	max_pid_lim_hv_1	100.0 °F	FALSE	100	TRUE
Cool Max PID of Last Stg w/outMV: (%)	MAX PID at Last Stg ON w/out MV	max_pid_last_stg_hv_1	100.0	FALSE	100	TRUE
Cool Deadbd1:	Clg PID DB1	clg_db1_1	0.8	FALSE	0	TRUE
/CoolDeadbd2:	Clg PID DB2	clg_db2_1	0.0	FALSE	0	TRUE
Stage One Cool PID I-Gain#2:	Clg PID IG2	clg_ig2_1	0.0	FALSE	0	TRUE
PID Switching Differential: (%)	PID Differential Factor	pid_diff_fact_1	6.0	FALSE	-100	TRUE
Cool Cntrl Setpt Offset: (F)	Cool Control Setpoint Offset	cl_cntrl_spt_offset_1	0.0	FALSE	-25	TRUE
Use Auto PID Reset if at Max PID?	Use Automatic PID Reset Feature	use_auto_pid_reset_1	Yes	No, Yes		TRUE
Delay at Max PID before reset: (s)	Delay Before Auto PID Reset	delay_before_auto_pid_reset_1	300.0 sec	FALSE	0	TRUE
Show Alarm if AutoPIDReset Occurs:	Use Automatic PID Reset Alarm	use_auto_pid_reset_alm_1	No	No, Yes		TRUE

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

## PID HEAT STG1 SETUP

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
CoolLogic Heat PID Stage #1 Setup	Stage 1 Heating PID	stg1_htg_pid_1	0.0	FALSE		FALSE
Stage 1&2 Heat PID Output: % / (%)	Stage 2 Heating PID	stg2_htg_pid_1	0.0	FALSE		FALSE
Stage One Heat PID Interval: *****	Htg PID Interval	htg_interval_1	2.0 sec	FALSE	2	TRUE
Use Pre-Calc PID Values Below?	Use Calculated P and I	use_calc_prop_integ_1	Yes	No, Yes		TRUE
Stage One Heat PID P-Gain :	Calc Heating Proportional	calc_htg_proportional_1	18.0	FALSE	0	FALSE
Stage One Heat PID I-Gain#1:	Calc Heating PID	calc_htg_integral_1	0.3	FALSE	0	FALSE
Htg PID Rise: (%/min)	Calc Heating Rise	calc_htg_rise_1	2.857143	FALSE	2	FALSE
Htg PID Fall: (%/min) *****	Calc Heating Fall	calc_htg_fall_1	17.857141	FALSE	2	FALSE
Or Manually Select PID Values Below:						
Stage One Heat PID P-Gain :	Htg PID P-gain	htg_p_gain_1	22.0	FALSE	0	TRUE
Stage One Heat PID I-Gain#1:	Htg PID I-gain	htg_i_gain_1	0.25	FALSE	0	TRUE
Htg PID Rise: (%/min)	Htg PID Rise	htg_rise_1	10.0 sec	FALSE	2	TRUE
Htg PID Fall: (%/min) *****	Htg PID Fall	htg_fall_1	30.0	FALSE	2	TRUE
Max Heat Ramp Rate: (F) (/min)	MAX HEAT RAMP RATE	max_heat_ramp_rate_1	10.0 °F/min	FALSE	1	TRUE
Heat Max PID Limit with Mot Vlv: (%)	MAX PID LIM w/ Mot Vlvs	max_pid_lim_mv_1	200.0 °F	FALSE	100	FALSE





# LOCAL ACCESS DISPLAY TABLE

Software Version: UCW-H-R.10b.13

Product Line: UCW-H-R  
Chiller Type: 4 PIPE- COOL, HR, REM AIR COOLED

Heat Max PID Limit w/out MotVlv: (%)	MAX PID LIM w/out Mot Vlvs	max_pid_lim_hv_1	100.0 °F	FALSE	100	FALSE
HeatDeadbd1:	Htg PID DB1	htg_db1_1	0.8	FALSE	0	TRUE
/Heat Deadbd2:	Htg PID DB2	htg_db2_1	0.0	FALSE	0	TRUE
Stage One Heat PID I-Gain#2:	Htg PID IG2	htg_ig2_1	0.0	FALSE	0	TRUE
PID Switching Differential: (%)	PID Differential Factor	pid_diff_fact_1	6.0	FALSE	-100	TRUE
Heat Cntrl Setpt Offset: (F)	Heat Control Setpoint Offset	ht_cntrl_spt_offset_1	0.0	FALSE	-25	TRUE

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

## FIXED OPEN MODULE MENU

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
FIX Mod Mot Vlv Open for Header Bypass						
Use External Header Bypass Valves?	Use Ext Header Bypass Valves	bypass_go_1	Off	No, Yes		TRUE
Open Ext Bypass if NO Comps ON?	Open Bypass Valves by NO Comps ON	open_byp_vlv_on_no_comps_1	Off	No, Yes		TRUE
Hold Open Hdr Byp aft Close Signal	Header Bypass Delay Before Close	hdr_byp_delay_before_close_5	45.0	FALSE	0	TRUE
Hold Open Mod MV aft Close Signal:	Mot Valve Delay Before Closing	close_vlv_delay_5	75.0	FALSE	0	TRUE
Fix Module #1 as Open Module?:	Fix Mod1 as Open	fix_module1_open_1	No	No, Yes		TRUE
Never Close Module #1?:	Never Close Module #1	never_close_mod1_1	No	No, Yes		TRUE
Fix Module #2 as Open Module?:	Fix Mod2 as Open	fix_module2_open_1	No	No, Yes		TRUE
Never Close Module #2?:	Never Close Module #2	never_close_mod2_1	No	No, Yes		TRUE
Fix Module #3 as Open Module?:	Fix Mod3 as Open	fix_module3_open_1	No	No, Yes		TRUE
Never Close Module #3?:	Never Close Module #3	never_close_mod3_1	No	No, Yes		TRUE
Fix Module #4 as Open Module?:	Fix Mod4 as Open	fix_module4_open_1	No	No, Yes		TRUE
Never Close Module #4?:	Never Close Module #4	never_close_mod4_1	No	No, Yes		TRUE
Fix Module #5 as Open Module?:	Fix Mod5 as Open	fix_module5_open_1	No	No, Yes		TRUE
Never Close Module #5?:	Never Close Module #5	never_close_mod5_1	No	No, Yes		TRUE
Fix Module #6 as Open Module?:	Fix Mod6 as Open	fix_module6_open_1	No	No, Yes		TRUE
Never Close Module #6?:	Never Close Module #6	never_close_mod6_1	No	No, Yes		TRUE
Fix Module #7 as Open Module?:	Fix Mod7 as Open	fix_module7_open_1	No	No, Yes		TRUE
Never Close Module #7?:	Never Close Module #7	never_close_mod7_1	No	No, Yes		TRUE

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

## TRIM MODULE MENU

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
TRIM Cool & TRIM Heat Mod Selector						
NOTE: Consult Factory before Using Trim						
NOTE: ONLY SELECT 1 Mod. for TRIM Cool						
Select Mod. #1 as Trim Module?	Module 2 Trim	m02trimmod_5	No	No, Yes		TRUE
Select Mod. #2 as Trim Module?	Module 2 Trim	m02trimmod_5	No	No, Yes		TRUE
Select Mod. #3 as Trim Module?	Module 3 Trim	m03trimmod_5	No	No, Yes		TRUE
Select Mod. #4 as Trim Module?	Module 4 Trim	m04trimmod_5	No	No, Yes		TRUE
Select Mod. #5 as Trim Module?	Module 5 Trim	m05trimmod_5	No	No, Yes		TRUE
Select Mod. #6 as Trim Module?	Module 6 Trim	m06trimmod_5	No	No, Yes		TRUE
Select Mod. #7 as Trim Module?	Module 7 Trim	m07trimmod_5	No	No, Yes		TRUE

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

## MOTORIZED VALVE OPTION

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
CoolLogic Motorized Valve Option						
Motorized Valves:	Motorized Valve Options	mot_vlv_opt_5	MVCONDEVAP	No Mot Vlvs, Evap Mot Vlvs Only, Cond&Evap Mot Vlvs		TRUE

Software Version: UCW-H-R.10b.13

Product Line: UCW-H-R  
Chiller Type: 4 PIPE- COOL, HR, REM AIR COOLED

Cond Mot Vlv Delay Before Alarm:	Module COND VLV ALM DELAY	mod_cond_vlv_alm_delay_5	500.0	FALSE	1	TRUE
Evap Mot Vlv Delay Before Alarm:	Module EVAP VLV ALM DELAY	mod_evap_vlv_alm_delay_5	500.0	FALSE	1	TRUE
Low Head Press Setpoint Status:	Module Lo Disch Press Setpt	mod_lo_disch_press_sp_5	280.0	FALSE	1	FALSE
Low Head Press Setpoint R410A :	Low Head Press Sp 410a	mod_lo_disch_press_sp_410_5	280.0	FALSE	1	TRUE
Low Head Press Setpoint R134a :	Low Head Press Sp 134a	mod_lo_disch_press_sp_134_5	105.0	FALSE	1	TRUE
Mod Lowest Head Press Adj:	Module Head Pressure Positive Adj	mod_hp_pos_adj_5	40.0	FALSE	10	TRUE
Cond Mot Vlv PID Settings						
Cond MV PID Interval:	CDMV PID Interval	cdmv_interval_5	3.0 sec	FALSE	1	TRUE
Cond MV PID P-Gain :	CDMV PID P-gain	cdmv_p_gain_5	2.0	FALSE	1	TRUE
Cond MV PID I-Gain :	CDMV PID I-gain	cdmv_i_gain_5	0.01	FALSE	0	TRUE
Cond MV PID D-Gain :	CDMV PID D-gain	cdmv_d_gain_5	5.0	FALSE	0	TRUE
Cond MV PID Deadband:	CDMV PID Deadband	cdmv_pid_db_5	0.0	FALSE	0	TRUE
Cond MV PID Ramp sec:	CDMV PID RAMP	cdmv_pid_ramp_5	1.0	FALSE	1	TRUE
Cond MV PID Min % :	CDMV PID Minimum Percent	cdmv_pid_mnpct_5	19.999998	FALSE	0	FALSE
Module Min CDMV ADJ : VDC	Module Minimum MV Adjustment	mod_min_cdmv_adj_5	3.6	FALSE	0	TRUE
NOTE: CDMV (Cond Mot Vlv) is closed at 2.0 VDC & open fully at 10.0 VDC						
Control to Highest HP Compr?	Use Hi Head Pressure Compr for Low HP Ctrl	use_hi_hp_comp_5	On	No, Yes		TRUE
Mod Default HdPr R-410A Use HiHP:	Default HP R-410A Using High Head Pressure	mod_defaulthp410_usehihp_5	200.0	FALSE	10	TRUE
Mod Default HdPr R-410A Use LoHP:	Default HP R-410A Using Low Head Pressure	mod_defaulthp410_uselowhp_5	350.0	FALSE	10	TRUE
Mod Default HdPr R-134a Use HiHP:	Default HP R-134a Using High Head Pressure	mod_defaulthp134_usehihp_5	70.0	FALSE	10	TRUE
Mod Default HdPr R-134a Use LoHP:	Default HP R-134a Using Low Head Pressure	mod_defaulthp134_uselowhp_5	140.0	FALSE	10	TRUE
Active Mod Default Head Press: Use High Superheat Cutout?	Module Default Head Pressure Use Hi Superheat for Compr Cutout	mod_default_hp_5 use_hi_sh_cutout_5	200.0 Off	FALSE No, Yes	10	FALSE TRUE

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

## MASTER INPUT CHNLS 6, &10 SETUP

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
Master Controller Inputs 6 & 10 Setup						
Input Chn#10Type:	Input Chnl 10 Type	inp_10_point_type_1	NONE	None, Remote Heat Trg		TRUE
Min Cond Wat Out Setpt: (F)	MIN HEAT TRG LIM	min_cw_temp_stp_1	62.0 °F	FALSE	70	TRUE
Max Cond Wat Out Setpt: (F)	MAX HEAT TRG LIM	max_cw_temp_stp_1	135.0 °F	FALSE	95	TRUE
Input Chn#10Scaling:	AI10 Type Rem Ht Trg	an_inp10_typ_1	NONE	NONE, 4-20 ma, 2-10VDC		TRUE
Input Chn#6 Type:	Input Chnl 6 Type	inp_6_point_type_1	NONE	None, Remote Cool Trg		TRUE
Min Evap Wat Out Setpt: (F)	MIN COOL TRG LIM	min_chw_temp_stp_1	42.0 °F	FALSE	40	TRUE
Max Evap Wat Out Setpt: (F)	MAX COOL TRG LIM	max_chw_temp_stp_1	78.0 °F	FALSE	40	TRUE
Input Chn#6 Scaling:	AI6 Type Off is 0-10	an_inp6_typ_1	NONE	NONE, 4-20 ma, 2-10VDC		TRUE

LINK(S): PREV, SYSTEM SETUP, HOME

## MASTER INPUT 8 & 11 SETUP



# LOCAL ACCESS DISPLAY TABLE

Software Version: UCW-H-R.10b.13

Product Line: UCW-H-R  
Chiller Type: 4 PIPE- COOL, HR, REM AIR COOLED

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
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
Cond Wat Min Dif Pr Flo Setpt: (PSI)	LO CW Diff Press	lo_cw_diff_pr_1	2.0	FALSE	0	TRUE
Chil Wat Min Dif Pr Flo Setpt: (PSI)	Lo CHW Diff Pressure	lo_chw_diff_pr_1	2.0	FALSE	0	TRUE
Differential Pressure Sensure Readings:						
Cond Water Diff Press Sensor: (PSID)	Diff Press Cond Load	diff_press_cond_load_1	10.554779 °F	FALSE		FALSE
Chil Water Diff Press Sensor: (PSID)	Diff Press Cool Load	diff_press_chil_load_1	10.554779 °F	FALSE		FALSE

LINK(S): PREV, SYSTEM SETUP, HOME

## CHANNELS 8 & 11 CUSTOM AI SETUP

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
Channels 8 & 11 Custom Analog In Setup						
Use Dif Pr. Sens for Chan. 8 & 11?	Use Diff Press Flow Sensors	use_diff_pr_flow_sens_1	Yes	No, Yes		TRUE
*Std CC Dif Pres Sensor Range=0-43 psid (from 0psid @0.5VDC & 43psid at 4.5VDC)						
Min&Max Scale Range-Cond Wtr Dif Pr.:						
Cond Wtr Chn#11 Scaling Type:	AI11 Type	an_inp11_typ_1	0-5VDC	4-20 ma, 0-10VDC, 0-5 VDC		TRUE
Cond Wtr Min Scale @0V or 0mA :	Min Cond Diff Press Scale @ 0	min_scale_cond_diff_pr_1	-5.43	FALSE	-99.9	TRUE
Cond Wtr Max Scale@5V,10Vor20mA:	Max Cond Diff Press Scale	max_scale_cond_diff_pr_1	48.94	FALSE	-99.9	TRUE
Min&Max Scale Range-Chil Wtr Dif Pr.:						
Chil Wtr Chn#08 Scaling Type:	AI8 Type	an_inp8_typ_1	0-5VDC	4-20 ma, 0-10VDC, 0-5 VDC		TRUE
Chil Wtr Min Scale @ 0V or 0mA :	Min Chil Diff Press Scale @ 0	min_scale_chil_diff_pr_1	-5.43	FALSE	-99.9	TRUE
Chil Wtr Max Scale@5V,10Vor20mA:	Max Chil Diff Press Scale	max_scale_chil_diff_pr_1	48.94	FALSE	-99.9	TRUE

LINK(S): PREV, SYSTEM SETUP, HOME

## DEMAND LIMITING CHNL# 7 SETUP

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
Master Control Demand Limiting Chnl#7						
COOL & HEAT MODE DEMAND LIMITING						
Input Chn#7 Type:	Input Chnl 7 Type	inp_7_point_type_1	None	None, Demand Lim TrgRst, Demand Lim Max #Cmp		TRUE
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
Max Pos Cool Out Trg Reset: (F)	MAX POS DEM LIM COOL RESET	max_pos_chw_stp_reset_1	10.0 °F	FALSE	0	TRUE
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
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
Input Chn#7 Scaling:	AI7 Type Rem Cl Trg or Dem Lim	an_inp7_typ_1	NONE	NONE, 4-20 ma, 2-10VDC		TRUE
Manual Select V-In for Cmp DemLim:	Manual Select Demand Limiting	man_sel_dem_lim_1	Off	Off, On		TRUE
Simulate VDC IN Chnl 7 Dem Lim:	Volts In for Comp Demand Limiting	voltin_comp_dem_lim_1	6.1 °F	FALSE	0	TRUE
NOTE: VDC of2=NO DEMLim;10=Full DEMLim;						
NOTE: Set Chn#7 Scaling to 2-10 VDC						

LINK(S): PREV, SYSTEM SETUP, HOME

## WATER HDR & AMB AIR TEMP LIMITS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
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# LOCAL ACCESS DISPLAY TABLE

Software Version: UCW-H-R.10b.13

Product Line: UCW-H-R  
Chiller Type: 4 PIPE- COOL, HR, REM AIR COOLED

Main Header Water &Amb Air Temp Limits						
Evap Wat In Lo Limit: (F)	CHWR Enable Lo Limit	chwr_lo_lim_1	38.0	FALSE	10	TRUE
Evap Wat In Hi Limit: (F)	CHWR Enable Hi Limit	chwr_hi_lim_1	95.0	FALSE	10	TRUE
Evap Wat Out Lo Limit: (F)	LO EVAP LVG TMP	chws_low_lim_1	38.0	FALSE	10	TRUE
Evap Wat Out Hi Limit: (F)	HI EVAP LVG TMP	chws_hi_lim_1	95.0	FALSE	10	TRUE
Cond Wat In Lo Limit: (F)	LO CND LVG TMP	cws_low_lim_1	50.0	FALSE	10	TRUE
Cond Wat Out Lo Limit: (F)	CWR Enable Lo Limit	cwr_lo_lim_1	50.0	FALSE	10	TRUE
Main Header Cond Water Hi Limit:						
CWR Cond Wtr Out UCW Hi Limit: (F)	HI COND LVG TMP UCW	ucw_cwr_hi_lim_1	114.0	FALSE	10	TRUE
CWS Cond Wtr In UCW Hi Limit: (F)	HI COND ENT TMP UCW	ucw_cws_hi_lim_1	114.0	FALSE	10	TRUE
CWR Cond Wtr Out UCH Hi Limit: (F)	HI COND LVG TMP UCH	uch_cwr_hi_lim_1	135.0	FALSE	10	TRUE
CWS Cond Wtr In UCH Hi Limit: (F)	HI COND ENT TMP UCH	uch_cws_hi_lim_1	135.0	FALSE	10	TRUE
Cond Wat In Hi Limit: (F)	Module Entering Cond Water Temp Setpoint	cws_hi_lim_1	135.0	FALSE	10	FALSE
Cond Wat Out Hi Limit: (F)	Module Leaving Cond Water Temp Setpoint	cwr_hi_lim_1	135.0	FALSE	10	FALSE
Ignore Ambient Temp Limits?						
Outdoor Air Lo Limit: (F)	LO AMBIENT TMP	lo_ambient_tmp_1	40.0 °F	FALSE	-20	TRUE
Outdoor Air Hi Limit: (F)	HI AMBIENT TMP	hi_ambient_tmp_1	115.0 °F	FALSE	-20	TRUE
Allow Evap Wtr Pump Menu Access?:	Use CHW Pump Menu	use_chw_pump_menu_1	No	No, Yes		TRUE
Allow Cond Wtr Pump Menu Access?:	Use CW Pump Menu	use_cw_pump_menu_1	No	No, Yes		TRUE

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

## STARTUP & STAGE DELAYS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
Start-Up,Stage-Up & Stage-Dn Delays						
Start-Up Time Delay (sec)	Start-Up Delay	o562_1	25.0 sec	FALSE	1	TRUE
Stage-Up Delay (sec)	Stage Up Delay	n003_1	45.0 sec	FALSE	1	TRUE
Stage-Down Delay (sec)	Stage Down Delay	n006_1	15.0 sec	FALSE	1	TRUE
Mode Change Delay (sec)	Mode Change Delay	mode_change_delay_1	30.0 sec	FALSE	1	TRUE

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

## LEAD COMPR ROTATION SETUP

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
CoolLogic Lead Compr Rotation Setup						
Lead Compr Rotation Method:	Refresh Compr Lead Method Selector	refresh_cmplead_method_1	Runtime	Monthly, Runtime		TRUE
Manual Rotate LeadCompr:	Manually Refresh Lead Compr	man_refr_cmplead_1	Do Not Refresh Lead	Do Not Rotate, Rotate		TRUE
Rotate Cmpr Lead on Runtime Hrs:	Compr Lead Refresh on Runtime	cmprlead_refr_runtime_1	672.0 hr	FALSE	24	TRUE
Refresh Runtime Hours:	Runtime Refresh	runtime_refresh_1	169.0 hr	FALSE	1	TRUE
Stage Down Safety Index: (sec)	SAFETY INDEX 2 DELAY STG DWN	safety_ind_delay2_5	180.0 sec	FALSE	1	TRUE
Stage Up Safety Index: (sec)	SAFETY INDEX 1 DELAY	safety_ind_delay1_5	180.0 sec	FALSE	1	TRUE

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

## COOL BIN LOAD CAP% STATUS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
CoolLogic Cool BinLoad Cap% Status						
CoolBin 10% (h)	COOL BIN 0-10 % HRS	cool_bin_0010_1	0.0	FALSE		FALSE
/ CoolBin 60% (h)	COOL BIN 50-60 % HRS	cool_bin_5060_1	0.0	FALSE		FALSE
CoolBin 20% (h)	COOL BIN 10-20 % HRS	cool_bin_1020_1	0.0	FALSE		FALSE
/ CoolBin 70% (h)	COOL BIN 60-70 % HRS	cool_bin_6070_1	0.0	FALSE		FALSE
CoolBin 30% (h)	COOL BIN 20-30 % HRS	cool_bin_2030_1	0.0	FALSE		FALSE
/ CoolBin 80% (h)	COOL BIN 70-80 % HRS	cool_bin_7080_1	0.0	FALSE		FALSE
CoolBin 40% (h)	COOL BIN 30-40 % HRS	cool_bin_3040_1	0.0	FALSE		FALSE



## LOCAL ACCESS DISPLAY TABLE

Software Version: UCW-H-R.10b.13

Product Line: UCW-H-R

Chiller Type: 4 PIPE- COOL, HR, REM AIR COOLED

/ CoolBin 90% (h)	COOL BIN 80-90 % HRS	cool_bin_8090_1	0.0	FALSE	FALSE
CoolBin 50% (h)	COOL BIN 40-50 % HRS	cool_bin_4050_1	0.0	FALSE	FALSE
/CoolBin 100% (h)	COOL BIN 90-100 % HRS	cool_bin_90100_1	0.0	FALSE	FALSE
Reset Hours in ALL Cool Bins:	COOL BIN RESET	cool_bin_reset_1	Off	Off, On	TRUE

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

### HEAT BIN LOAD CAP% STATUS

Screen Display	Content	BACnet Object	Default	Min. Value	Max. Value	Editable
CoolLogic Heat BinLoad Cap% Status						
HeatBin 10% (h)	HEAT BIN 0-10 % HRS	heat_bin_0010_1	0.0	FALSE		FALSE
/ HeatBin 60% (h)	HEAT BIN 50-60 % HRS	heat_bin_5060_1	0.0	FALSE		FALSE
HeatBin 20% (h)	HEAT BIN 10-20 % HRS	heat_bin_1020_1	0.0	FALSE		FALSE
/ HeatBin 70% (h)	HEAT BIN 60-70 % HRS	heat_bin_6070_1	0.0	FALSE		FALSE
HeatBin 30% (h)	HEAT BIN 20-30 % HRS	heat_bin_2030_1	0.0	FALSE		FALSE
/ HeatBin 80% (h)	HEAT BIN 70-80 % HRS	heat_bin_7080_1	0.0	FALSE		FALSE
HeatBin 40% (h)	HEAT BIN 30-40 % HRS	heat_bin_3040_1	0.0	FALSE		FALSE
/ HeatBin 90% (h)	HEAT BIN 80-90 % HRS	heat_bin_8090_1	0.0	FALSE		FALSE
HeatBin 50% (h)	HEAT BIN 40-50 % HRS	heat_bin_4050_1	0.0	FALSE		FALSE
/HeatBin 100% (h)	HEAT BIN 90-100 % HRS	heat_bin_90100_1	0.0	FALSE		FALSE
Reset Hours in ALL Heat Bins:	HEAT BIN RESET	heat_bin_reset_1	Off	Off, On		TRUE

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