

RESERVOIR TEMP CONTROLLER T48 FAHRENHEIT

SHEET 1 OF 3

UNIT NUMBER

MNEMONIC	PARAMETER	USER SETTINGS
SP	Temperature Setpoint	50
OPOF	Output Power Offset	N/A
OP	Output Power	N/A
ProP	Proportional Band	0
Intt	Integral Time	N/A
dErt	Derivative Time	N/A
AL -1	Alarm 1	95
AL - 2	Alarm 2	N/A

CONFIGURE OUTPUT (2-OP)

MNEMONIC	PARAMETER	USER SETTINGS
CYcT	Cycle Time	2
OPAC	Control Action	drct
OPLO	Output Power Lower Limit Range	0
OPHI	Output Power Upper Limit Range	100
OPFL	Sensor Fail Power Preset	0
OPdP	Output Power Dampening	3
CHYS	ON/ OFF Control Hysteresis	16
tcod	Auto- Tune Dampening Code	0
ANtP	Linear Output Range	N/A
ANAS	Linear Output Source	N/A
ANUt	Linear Output Update Time	N/A
ANLO	Linear Output Scale Point Low	N/A
ANHI	Linear Output Scale Point High	N/A

CONFIGURE INPUT (1-IN)

MNEMONIC	PARAMETER	USER SETTINGS
tYPE	Input Sensor Type	r392
SCAL	Temperature Scale Units	F
dCPt	Temperature Resolution	0
FLtr	Digital Filtering	1
SHFt	Input Offset	0
SPLO	Setpoint Lower Limit	0
SPHI	Setpoint Upper Limit	9999
SPrP	Ramp Rate	N/A
InPt	User Input	PLOC

CONFIGURE LOCKOUTS (3-LC)

MNEMONIC	PARAMETER	USER SETTINGS
SP	Access Setpoint	LOCK
OP	Access Output Power	LOCK
dEv	Access Deviation Display	LOCK
Hcur	Access Heater Current	LOCK
UdSP	Access Display Units	READ
CodE	Access Code Number	0
PId	Access PIC Values	LOCK
AL	Access Alarm(s) Valvues	LOCK
ALrS	Enable Reset Alarm(s)	LOCK
SPSL	Enable Remote/ Local Transfer	LOCK
turnF	Enable Auto/ Man Transfer	LOCK
tUNE	Enable Auto- tune	LOCK

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CONFIGURE ALARMS

MNEMONIC	PARAMETER	USER SETTINGS
Act1	Alarm 1 Operation Mode	A-LOW
rSt1	Alarm 1 Reset Mode	AUTO
Stb1	Alarm 1 Standby Enabled	NO
AL - 1	Alarm 1 Value	95
Act2	Alarm 2 Operation Mode	N/A
rSt2	Alarm 2 Reset Mode	N/A
Stb2	Alarm 2 Standby Enabled	N/A
AL - 2	Alarm 2 Value	N/A
AHYS	Alarm Hysteresis Value	15

CONFIGURE REMOTE SETPOINT

MNEMONIC	PARAMETER	USER SETTING
dSP1	Remote Setpoint Display Value #1	N/A
INP1	Remote Setpoint Input Value #1	N/A
dSP2	Remote Setpoint Display Value #2	N/A
INP2	Remote Setpoint Input Value #2	N/A
FLtr	Remote Setpoint Filter Time Constant	N/A
bAnd	Remote Setpoint Filter Band	N/A
trnF	Local/ Remote Transfer Options	N/A

CONFIGURE COOLING

MNEMONIC	PARAMETER	USER SETTING
CYC2	O2 Output Cycle Time	N/A
GAN2	Relative Cooling Gain	N/A
db - 2	Heat- Cool Overlap/ Deadband	N/A

CONFIGURE HEATER CURRENT INPUT

MNEMONIC	PARAMETER	USER SETTING
Hcur	Heater Current Readout Scaling	N/A

CONTROLLER OPERATIN MODE

Automatic or Manual	N/A
Auto- tune Invoked at	N/A
Setpoint Mode	N/A

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PROGRAMMING INSTRUCTIONS

1. FLIP THE SWITCH ON THE SIDE OF THE MOUNTING BRACKET UNTIL "SP, PROP & CNFP" APPEAR WHEN YOU PRESS THE "P" BUTTON.
2. THE SETTINGS FOR "SP" (TEMPREATURE SETPOINT) AND "PROP" (PROPORTIONAL BAND) CAN BE SET FROM THIS AREA BY USING THE UP AND DOWN ARROW BUTTONS.
3. TO ACCESS THE NEXT THREE (3) MENU AREAS PRESS THE "P" BUTTON UNTIO "CNFP" IS DISPLAYED. IT'S SETTINF OS "NO"
4. USING THE "UP" ARROW BUTTON SCROLL TO "1-IN" THEN PRESS THE "P" BUTTON. "tYPE" SHOULD BE DISPLAYED WITH IT'S SETTING BELOW IT.
5. TO CHANGE IT'S SETTING USE THE UP AND DOWN ARROW BUTTONS. TO EXIT THIS OPTION AND ADVANCE TO THE NEXT SETTING PRESS THE "P" BUTTON. REPEAT THIS FOR EACH OPTION UNDER "1-IN". WHEN YOU HAVE SET THE LAST PARAMATER IN THIS SECTION CNFP" WILL APPEAR AGAIN FLASHING TO "NO" AND BACK.
6. USING THE "UP" ARROW BUTTON SCROLL TO "2-OP" THEN PRESS THE "P" BUTTON. "CYCt" SHOULD BE DISPLAYED WITH IT'S SETTING BELOW IT. SEE STEP 5 TO SET THE PARAMATERS IN THIS SECTION.
7. USING THE "UP" ARROW BUTTON SCROLL TO "3-LC" THEN PRESS THE "P" BUTTON. "SP" SHOULD BE DISPLAYED WITH IT'S SETTING BELOW IT. SEE STEP 5 TO SET THE PARAMATERS IN THIS SECTION.
8. AFTER SETTING THE PARAMATERS IN THESE 3 AREAS FLIP THE SWITCH BACK TO LOCKOUT THE PROGRAMMING MODE AGAIN. PRESSING THE "P" BUTTON A FEW TIMES WILL CLEAR THE PROGRAM OPTIONS AND DISPLAY CURRENT THE SETPOINT AND "F" OR "C". BELOW IT.