

**BULLETIN NUMBER:** SP8023-1405  
**DATE:** 5/1/2014  
**PRODUCT LINE:** EVOLUTION  
**MODELS:** ALL GAS MODELS  
**SERIAL NUMBER:** ALL  
**SUBJECT:** FIELD REPLACEMENT OF P/N AT0E-3625-1 (QUANTEM SERIES 130 CONTROLLER)

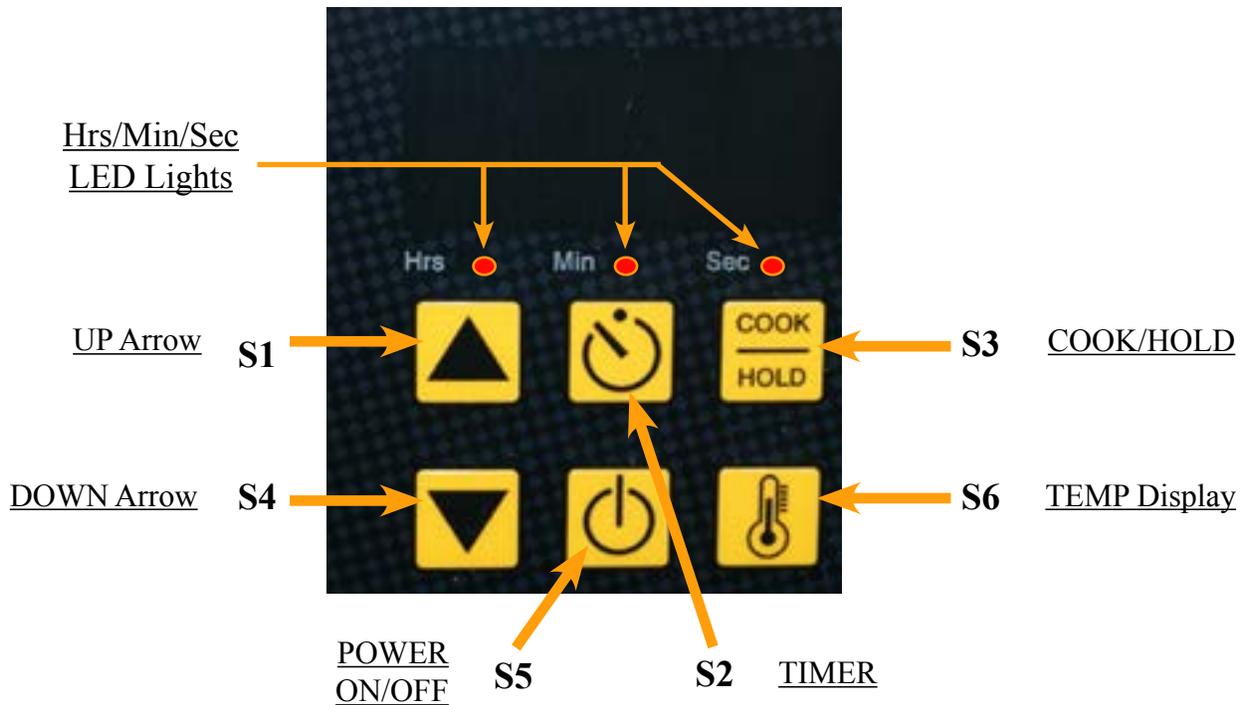
*THIS DOCUMENT CONTAINS INFORMATION PROPRIETARY TO ACCUTEMP PRODUCTS, INC. AND IS TO BE USED ONLY BY AUTHORIZED SERVICE PERSONNEL. DUPLICATION OR REPRODUCTION OF THIS DOCUMENT IN ANY OTHER FORM, IN WHOLE OR INPART, IS STRICTLY PROHIBITED.*

**PURPOSE:**

All replacement Quantem Series 130 Controllers (P/N AT0E-3625-1) are shipped with factory default values set for the Electric Evolution Models. The Controller Program Parameters (*Hysteresis 1 & Control Mode*) **must be changed** when P/N: AT0E-3625-1 is being **replaced in a Gas Evolution Steamer**, for the gas steamer to **operate correctly**. Below is the instructions for accessing the program and changing those parameters after the Controller is installed correctly. *Please reference the Program Parameter Chart on Page 2 of this bulletin as a guide for completing this service bulletin. If you have any questions or need assistance, please contct the AccuTemp Technical Service Department.*

**ACCESSING THE PROGRAM MODE:**

With the unit ON and the diplay showing either “PRE” or “COO” mode, *simultaneously* depress and hold the DOWN Arrow (S4) & the TEMP Display (S6) for minimum of **8 seconds** or until the **Hrs LED** blinks and the display shows a Hold Temp number (default is 180°F). The Controller is now in the Program Parameter Mode.



- UP Arrow (S1) - Increase Paramter Item (Will cycle the Hrs/Min/Sec LED light)
- Down Arrow (S4) - Resets to first Parameter Item (Will cycle the Hrs/Min/Sec LED light)
- COOK/HOLD (S3) - Increase Parameter Value (Will change the Digital Readout display)
- TEMP Display (S6) - Decrease Parameter Value (Will change the Digital Readout display)
- TIMER (S2) - Exit & Save



**INSTRUCTIONS FOR CHANGING PROGRAM PARAMETERS:**

1. Verify that you have accessed the P1 HOLD TEMP parameter as identified by Program Parameter Chart below.
2. Press the **UP Arrow** button 10 times to access the Hysteresis 1 parameter. (Verify that the # 2 is displayed and that all 3 LED lights are blinking per the chart below.)
3. Press the **COOK/HOLD** button to increase the display value to 3.
4. Press the **UP Arrow** button once to access the Control Mode parameter. (Verify that the # 1 is displayed and that the Hrs LED is solid ON and the Min & Sec LED lights are blinking per the chart below.)
5. Press the **COOK/HOLD** button once to change the display to zero (0).
6. Press the **UP Arrow** button 2 more times so that you are back to the P1 HOLD TEMP parameter as per the chart below.
7. Press the **TIMER** button to exit and save the parameter changes that were just made.
8. Press the **ON/OFF** button to turn the power OFF and then back ON. This will set the program into the Quantem Series 130 Controller.
9. Test the operation of the gas steamer to ensure that the unit ignites properly and reaches the operating temperature of 212°F.

**CONTROLLER PROGRAM PARAMETER CHART:**

Hrs LED1	Min LED2	Sec LED3	PARAMETER	MIN	MAX	DEFAULT (ELECT)	GAS
B			P1 HOLD TEMP	MIN TEMP	MAX TEMP	180	180
ON			DEFAULT TIMER VALUE – HOURS	0	8	0	0
	ON		DEFAULT TIMER VALUE – MINUTES	0	59	30	30
	<b>B</b>		ALTERNATE TIMER FUNCTION	0=OFF	1=ON	0	0
		<b>B</b>	DEFAULT TIMER2 - HOURS	0	8	0	0
	<b>B</b>	ON	DEFAULT TIMER2 - MINUTES	0	59	40	40
<b>B</b>	<b>B</b>		DEFAULT HOLD TIMER - HOURS	0	8	2	2
	<b>B</b>	<b>B</b>	DEFAULT HOLD TIMER - MINUTES	0	59	0	0
		ON	PROBE 1 OFFSET	0	50	0	0
ON	ON	ON	PROBE 1 OFFSET SIGN	0=(+)	1=(-)	0	0
<b>B</b>	<b>B</b>	<b>B</b>	<b>HYSTERESIS 1</b>	<b>2</b>	<b>10</b>	2	<b>3</b>
<b>ON</b>	<b>B</b>	<b>B</b>	<b>CONTROL MODE</b>	<b>0=ON/OFF</b>	<b>1=PID</b>	1	<b>0</b>
B	ON	B	PORPORTIONING BAND TIME	4	10	10	10
B	B	ON	PORPORTIONING BAND WIDTH	4	10	10	10

LED indications are: ON = ON B = Blink

**ACCUTEMP TECHNICAL SERVICE INFORMATION:**

**Toll Free Phone: 800-480-0415**

*Service Email: [service@accutemp.net](mailto:service@accutemp.net) Website: [www.accutemp.net](http://www.accutemp.net)*

**Service Phone Techs are available Monday - Sunday from 7:00 am to 7:00 pm EST.**