OMRON CONTROLLER

(R-HEATER KIT 201310; A-HEATER KIT 201311; HOSE HEATER KIT 201312)

1. Press and hold the ↑ **or** ↓ to i**ncrease** or **decrease** the material temperature set-point to the desired value as determined by the material supplier or application conditions.

-The display example shows a current temperature of 69.

-Note that the yellow "OUT" bar indicates that current is being sent to the heater.

-The display example shows a set point of 120F.

NOTE- The 3 buttons on the left of the controller are <u>never</u> used for operation and should <u>not</u> be pushed. They are only used by the factory for initial programming of the controllers. Pushing these buttons will alter the controller program values causing incorrect equipment function.

EATON CONTROLLER

(TEMP CONTROL HTR El-159-HTR; TEMP CONTROL HOSE EL-159-H)

1. Ensure Main Power is ON, and **01** Display light is lit.
2. Press and release ↻ button. The display will read **SP1**.
3. Press and release ↑ **or** ↓ button to display the **current material temperature set-point.**
4. Press and hold the ↑ **or** ↓ to i**ncrease** or **decrease** the material temperature set-point to the desired value as determined by the material supplier or application conditions.
5. Press and release ↑ **and** ↓ together to return to the **actual material temperature** in the Primary Heater/Hose Heater.

Wiring the Omron Controller

Controller	Hose HTR 201312	R- HTR 201310	A-HTR 201311
Pin 1	Wire 18	Wire 18	Wire 18
Pin 2	Wire 19	Wire 19	Wire 19
Pin 3	Wire 38 +	Wire 35 +	Wire 32 +
Pin 4	Wire 37 -	Wire 34 -	Wire 31 -
Pin 11	TC Red Wire -	TC Red Wire -	TC Red Wire -
Pin 12	TC Purple Wire +	TC Purple Wire +	TC Purple Wire +

Wiring the Eaton Controller

Controller	Hose HTR	R- HTR	A-HTR
Pin 1	Wire 18	Wire 18	Wire 18
Pin 2	Wire 19	Wire 19	Wire 19
Pin 5	Wire 38 +	Wire 35 +	Wire 32 +
Pin 6	Wire 37 -	Wire 34 -	Wire 31 -
Pin 9	TC Purple Wire +	TC Purple Wire +	TC Purple Wire +
Pin 10	TC Red Wire -	TC Red Wire -	TC Red Wire -
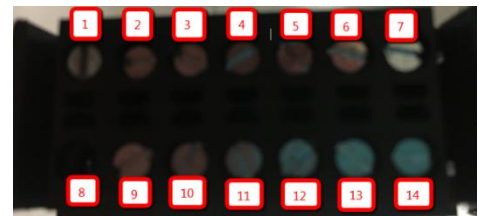
Wiring the Auber Controller

Controller	Hose HTR	R- HTR	A-HTR
Pin 1	Wire 18	Wire 18	Wire 18
Pin 2	Wire 19	Wire 19	Wire 19
Pin 10	Wire 38 +	Wire 35 +	Wire 32 +
Pin 9	Wire 37 -	Wire 34 -	Wire 31 -
Pin 7	TC Purple Wire +	TC Purple Wire +	TC Purple Wire +
Pin 6	TC Red Wire -	TC Red Wire -	TC Red Wire -