OMRON CONTROLLER

(A/R-HEATER KIT 201310; 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.

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

-The display example shows a current temperature of 69.

-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.**

AUTONICS CONTROLLER

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

1. To operate the controller, confirm that the **OUT1** in the top left is on and an ambient temperature is on the left of the controller.
2. To change the set value of the controller, press the ↑ **or** ↓ button this will change the green number on the right of your controller.
3. To enter manual mode press the **[MODE]** button. When you see an **H** pop up in the set value on the right of the screen you are setting your manual set percentage. Use the ↑ **or** ↓ buttons to change that value.

Wiring the Omron Controller

Controller	Hose HTR 201312	R- HTR 201310	A-HTR 201310
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 Autonics Controller

Controller	Hose HTR	R- HTR	A-HTR
Pin 5	Wire 18	Wire 18	Wire 18
Pin 6	Wire 19	Wire 19	Wire 19
Pin 3	Wire 38 +	Wire 35 +	Wire 32 +
Pin 4	Wire 37 -	Wire 34 -	Wire 31 -
Pin 8	TC Purple Wire +	TC Purple Wire +	TC Purple Wire +
Pin 7	TC Red Wire -	TC Red Wire -	TC Red Wire -
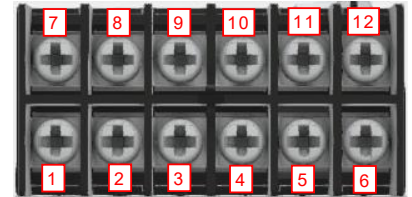
Wiring the Eaton Controller

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 -

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WARNING! The Controllers are factory programmed and are not field re-programmable. If a problem is encountered, contact your PMC Distributor. Do not attempt to change any of the programmed parameters. Do not substitute a Controller from an alternate supplier as its use may result in equipment damage and/or bodily injury.