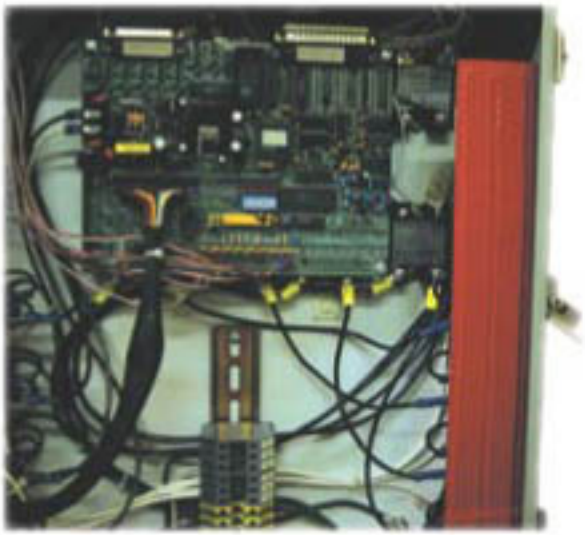
National Plastic Heater

Call Toll Free 1.877.674.9744

Protecting Your Control Panel

It is essential to keep your outdoor electronics functioning during the cold winter season. Without proper precautions, condensation will cause electronics to short-out and contacts to corrode. Prevent this from happening by using an enclosure heater. It is easily installed in your control panel with its integral mounting plate. The unit has a built-in air sensing thermostat to keep your control panel enclosure dry. Follow the easy steps below to determine your best solution.



The Facts

- Built-in Air Sensing Thermostat Prevents Condensation Build-up
- Easy Installation with Integral Mounting Plate
- 6" and 12" Sizes
- Moisture and Chemical Resistant
- 120V

Save $$ on Replacements and Labor!!

Step 1: Measure the size of your enclosure

In order to know how much heat is necessary to prevent condensation in your control panel enclosure, you will need to calculate the total surface area in square feet of the enclosure. First, measure the length, width, and depth of the enclosure. Next, use this formula to calculate total surface area.

$$\frac{2LW + 2LD + 2WD}{144}$$

where L=Length
W=Width
D=Depth
144= Inch to Square Feet Conversion

Size	Total Watts	Part Number
2.5" x 6"	60	SREH640
2.5" x 12"	120	SREH1240

E.g.) a 14"x12"x8" enclosure has 5.22 total surface area in square feet

$$\frac{2x14x12 + 2x14x8 + 2x12x8}{144}$$

Step 2: What is it like outside the enclosure?

Is the enclosure located indoors or outdoors? If outdoors, you'll need to have 50% more heat to keep the enclosure dry. How cold does it get on a really cold day? You'll want to make sure you have enough heat to keep it dry on a really cold day.

Step 3: Note whether your enclosure is insulated or not

It will take a considerable amount more heat to keep your enclosure dry if it is not insulated. Either way, we will be able to provide the necessary heat you need.

Step 4: Call the heat consultants at 1-877-674-9744 for your recommendation

Once we have the information from the previous three steps, we will be able to give you the best recommendation to keep your enclosure dry.

National Plastic Heater Sensor & Control Co.

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