



HotZone™ HeatProjector HPHZ Replacement Element Installation Instructions



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Warranty

Radiant Optics Mfg., LLC warrants to the original purchaser that this new replacement element will be free from defects in material or workmanship for 180 days from the date of purchase. This warranty of material and workmanship specifically excludes labor; merchantability; installations not made in accordance with these installation instructions and/or the original heater installation instructions; malfunctions or failures due to misuse, negligence, alteration or accident; operation that varies from the original operating instructions; labor, loss of time, or inconvenience; loss of use of, or damage to, the original heater and other consequential damages. Repair or replacement will be at the sole discretion of Radiant Optics Mfg., LLC. This warranty constitutes the sole remedy of failure to the purchaser.

Important Instructions

1. Installation requires competent, qualified personnel to prevent the risk of electrocution, injury, fire and/or property damage;
 2. Follow all OEM installation and operating instructions and precautions.
 - Per OEM instructions, keep combustible materials at least 5 ½ feet from the front of the heater.
 - To minimize risk of failure or fire, ensure heater is installed with the junction box on the low side.
 3. Ensure all hardware used is rated for high temperature (>900°F).
 4. This replacement element for use in HotZone Heat Projector Model HPHZ heaters and is not suited for any other use.
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! WARNING: RISK OF FIRE OR ELECTRIC SHOCK. Qualified personnel required for installation.

! WARNING: RISK OF FIRE. Do not use near combustible materials.

Installation Instructions



1. Disconnect power.

Remove 2 screws that attach the element 'bracket' to the housing.



2. Disconnect leads from old element.

Slide element compartment open and disconnect element leads and ground wire. Save the hardware for re-connecting your new element. If hardware needs to be replaced, use high temperature rated hardware (>900°F).

3. Remove old element

After disconnecting the element leads, slide element bracket completely out of housing.

Remove the element hold-downs: there is either a wire hold-down or several metal clips.

Remove old element and discard.



4. Install new element

1. Secure the element to the bracket by reinstalling the hold-down(s).

! Ensure the hold-down holds the element firmly against the bracket.

! Ensure the element leads are away from the hold down and that they will not touch the housing when the element is reinstalled. Use high temperature insulating sleeves over leads connections if insulation is required to keep lead electrically isolated from hold-down.

2. Partially insert element bracket into housing and re-connect element leads and ground wire using high temperature rated hardware (>900°F). Caution: Do not torque the lead when re-connecting. This can damage the element. Hold the base of the lead with needle-nose pliers when tightening the hardware.

3. Fully push element bracket into housing and re-install screws removed in step 1.