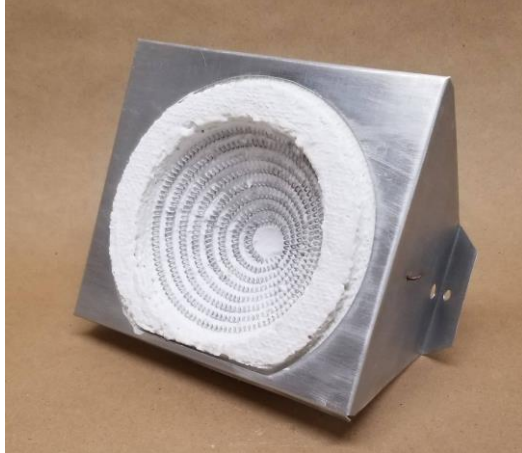




# HotZone™ 1500W Replacement Element

## Installation Instructions

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**Radiant Optics Mfg, LLC**  
7683 SE 27<sup>th</sup> Street #114  
Mercer Island WA 98040  
(425) 806-3990  
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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.

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### 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 ELE and HZE heaters and is not suited for any other use.

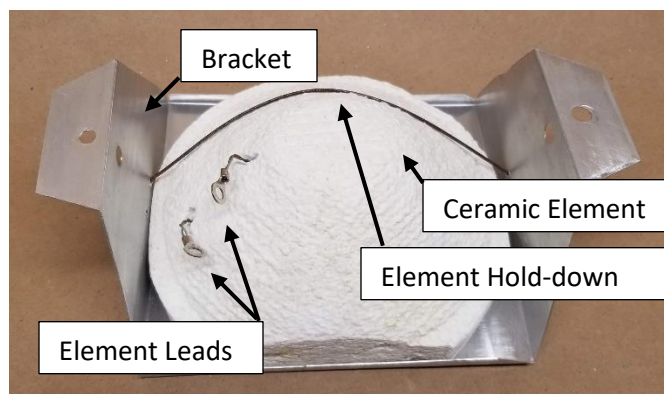
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**WARNING: RISK OF FIRE OR ELECTRIC SHOCK. Qualified personnel required for installation.**

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

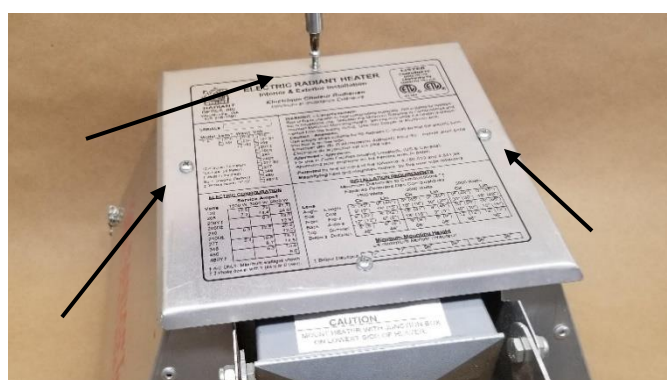
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# Installation Instructions



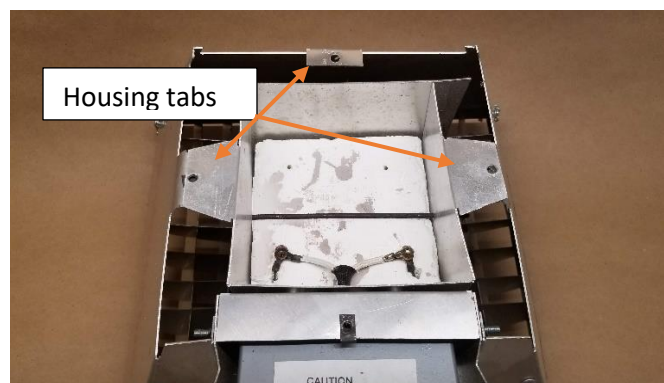
1. Remove your new Radiant Optics Ceramic Infrared Element from the box.

Note: The new element is round. It is designed to be a direct replacement for the old square element.



2. Disconnect power.

Remove the cover from the Radiant Optics *Hotzone* Heater to expose the old element.



3. Skip to steps S1-S4 if there is only one tab on the housing.

Unscrew the element leads from the power supply leads. Remove old element and discard. Keep the screws and nuts for re-installation.



4. Insert the new Element by squeezing the legs on the bracket to clear the tabs on the housing. Ensure the ears on the element bracket are placed on top of the housing tabs.



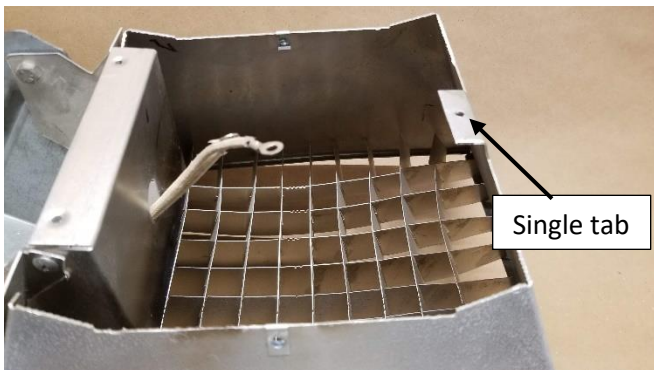
5. Attach the power supply leads to the element leads using the original screws and nuts.

Ensure the use of high-temperature (rated >900°F) hardware if replacements are required.



6. Re-attach the heater cover. Two of the screws should go through the element bracket holes to secure the element in place.

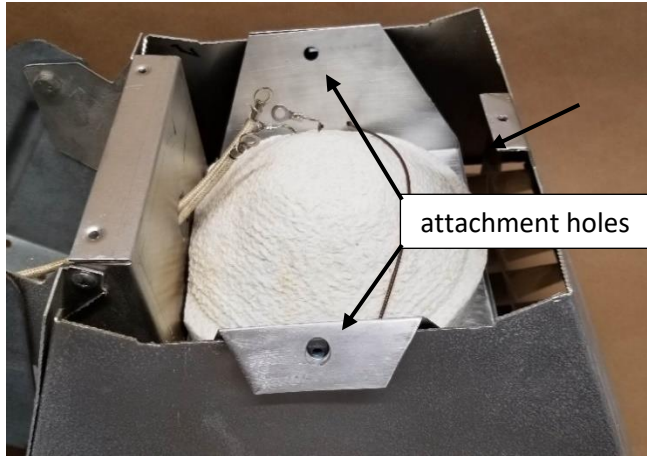
**Steps S1 – S4 for single tab housing design**



S1 Single Tab Housing Design: Follow these steps if the housing has only one tab



S2 Bend the bracket tabs down



S3 Install the new element so that the bracket tabs hang over the housing attachment holes.

Secure the bracket to the housing using the previously removed screws.

Reconnect the power supply leads and the element leads per step 5 above.



S4 Reattach the housing cover

