

# Eclipse Single-Ended Radiant Tube Burners

General Information Edition 1.12

Version 5

Thank you for purchasing burners from Eclipse. This Quick Instruction Guide will help with the unpacking and preparing your burners for installation.



Figure 1.

In order to protect the fragile components, self recuperative burners are packaged and shipped partially disassembled.

A standard shipment includes the burner air housing/combustor assembly, the rear cover/nozzle assembly, extension flanges and spark rods. Your packaging should be similar to Figures 1, 2 and 3.



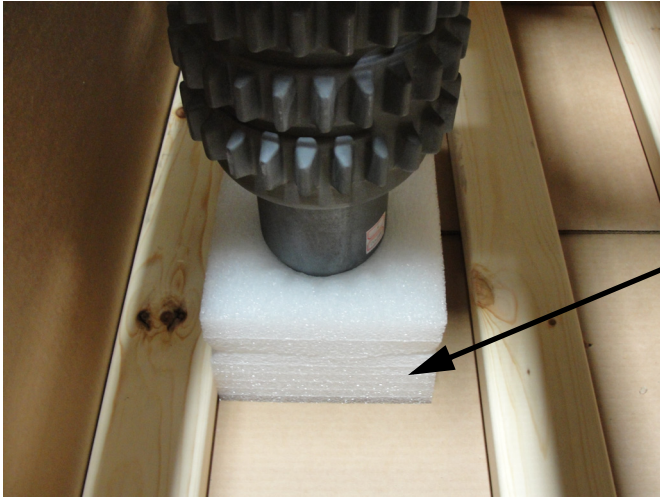
Figure 2.

The air housing and burner rear cover housing are bolted to the frame of the shipping crate. A ratchet or wrench will be required to remove those items from the crate (Figure 1).



Figure 3.

**NOTE:** Spark rods are secured in the lower section of the crate along with gaskets. Please do not forget to remove these items before you dispose of the crate!



Each ceramic combustor is supported by a foam insert (Figure 4). Please take caution when removing these from the crate.

Foam insert

**Figure 4.**



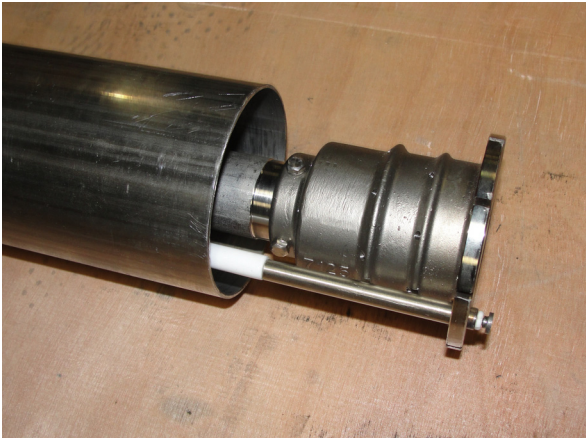
After the items are uncrated, remove the spark rod from the protective tube (Figure 5). The spark rod must be installed into the assembly prior to mounting the burner.

**Figure 5.**



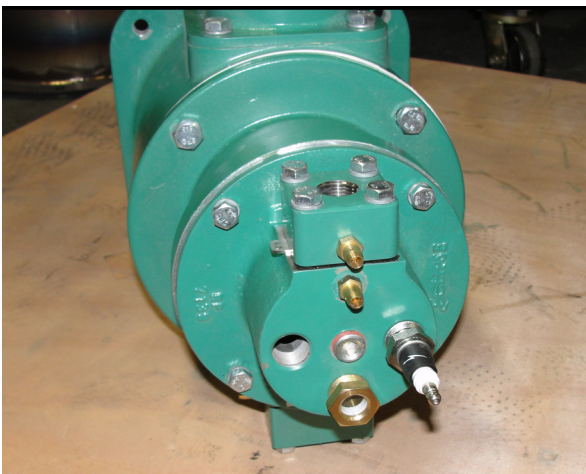
Remove the shipping paper from around the nozzle (Figure 6).

**Figure 6.**



**Figure 7.**

After removing the shipping paper, install the spark rod (Figures 7 and 8)



**Figure 8.**

After the rod is installed in the burner, the nozzle and rear cover assembly can be inserted and attached to the air housing.

At this point, your burner is ready to be installed. Please follow the Installation Guide 325 that was supplied with your order to complete the installation.

