

## Technical Data Sheet

### *Tula 8190 Outside Air Adaptor Installation Kit 91-53900*

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#### **Components:**

- 1- Tula Outside Air Adaptor
- 4- 1/4" x 20 x 5/8" Screws
- 4- 1/4" x 20 Steel Spring 'U' Nuts
- 4- Washers
- 1- Outside Air Gasket

#### **Required Tools:**

- Flat Tip Screwdriver
- Phillips Screwdriver



**Figure 1: Kit Contents**

#### **PROCEDURE:**

1. Locate the removable grille on the rear bottom of the stove. Once removed, the grille cannot be re-installed.



**Figure 2: Connection Break Points**

2. There are three connection points that hold the grille to the body of the stove (Figure 2). Insert a large flat tipped screwdriver into the bottom slot, and pry upward. This will break the lower connection inward without marring the stove's finish. Break the grille free by twisting it in and out until the connection points fail. Discard the plate (Figure 3).



**Figure 3: Remove & Discard Grille**



**Figure 4: Air Intake Detail**

3. Slide one each of the “U” nuts over the holes in the back bottom of the stove as shown in Figure 5. The threaded side of the “U” nut goes inside and flat side will face out.



**Figure 5: U Nut Mounting Detail**

4. Line up the holes on the gasket and adaptor with the holes in the “U” nuts and thread in the 4 screws to secure the adaptor to the stove. Tighten the screws with a Phillips screwdriver.



**Figure 6: Adaptor Installed**

This outside air kit allows for the direct connection of the stove's air intake to a minimum 3" (76 mm) diameter duct (supplied by others) which leads to the outside of the house. When considering placement of the duct from the outside of the house to the hearth, keep in mind the need to avoid structural members of the house.

The International Residential Code (IRC) does not allow the outside air duct to terminate higher than the appliance. Some building officials also do not like to see any vertical rise in the duct's termination. Hearthstone recommends the termination be at the same level, or lower than the air intake on the stove. Locate the termination of the duct on the outside wall of the home in such a manner to avoid the possibility of obstruction by snow, leaves or other material. Screen the termination using ¼" x ¼" mesh rodent screen and cover it with a rain/wind proof hood (flex pipe, outside termination, mesh, and hood supplied by others) Contact your dealer for availability.