

# Installing the RKFID High Output Fan Kit or RKFIDECO Economy Fan Kit



Optional Fans for use with:

30FID-L/S

34FID-L/S



- This kit should be installed by a qualified person.
- Check local codes and read all instructions prior to installation.

## CAUTION

Ensure that all power to the appliance is off at the electrical breaker or fuse before beginning installation. Ensure gas is turned off at the shutoff valve before beginning installation.

## WARNING

Some materials used in the manufacturing process of this product can expose you to Benzene which is known in the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65warnings.ca.gov](http://www.P65warnings.ca.gov)

### General Information

This blower kit is for installation with the models listed above.

KIT #	Contents
RKFID	Left High Output fan, Right High Output fan, mounting screws, cable ties, 34FID flue plate gasket, 30FID flue plate gasket.
RKFIDECO	Left Economy fan, Right Economy fan, mounting screws, cable ties, 34FID flue plate gasket, 30FID flue plate gasket.

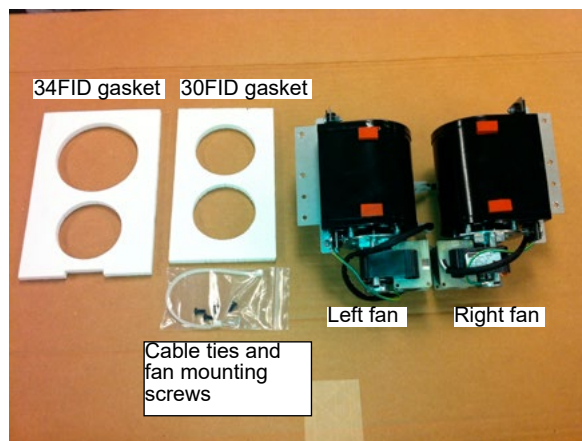


Figure 1 RKFID

### Before You Begin

- Please read all instructions carefully
- We strongly recommend that all electrical service work be performed by a qualified electrical contractor.
- Check to ensure that all components required for installation are included in your package.

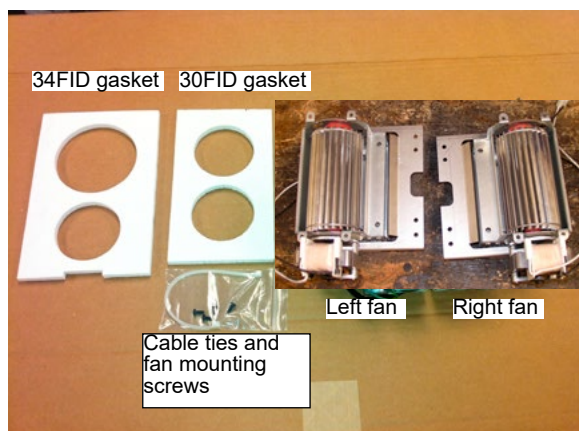


Figure 2 RKFIDECO



# Installation

## Installation

The Optional Fans or Blowers supplied with your fan kit are the best quality available and should provide many years of trouble free service. There are two blowers for this appliance, one motor on the right side and the other on the left side.

\*\* If the fireplace is installed, the Gas Supply may need to be disconnected from the appliance. If this is the case, a licensed gas fitter will need to provide this service. \*\*

### Removing the Back Panel of the Fireplace

- 1). If the fireplace is already installed, please refer to fan replacement section in your fireplace installation and maintenance manual.
- 2). Unpack fan kit. The gaskets supplied with the kit are only for fan replacement. Discard if not needed. Both the RKFID and RKFIDECO Install the same way. Installation images show high output fans.
- 3). Remove all screws necessary to remove the Outer Shell Back.

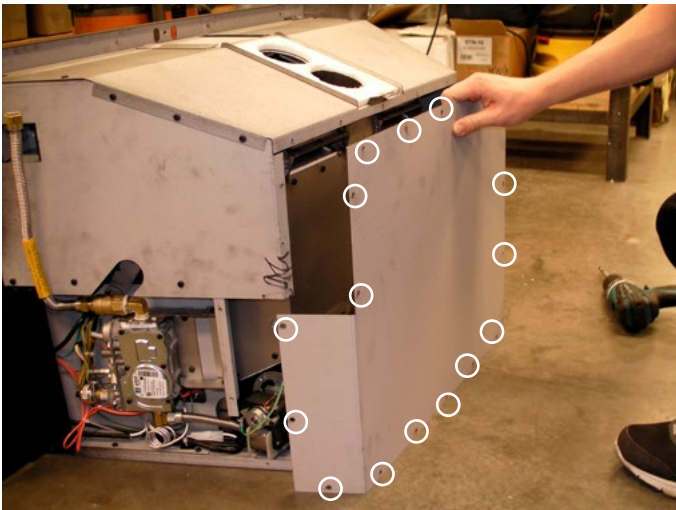


Figure 3

- 4). If installing the fans into a 30FID, remove the six screws highlighted in **Figure 4** and skip **Step 5**. If installing the fans into a 34FID, proceed to **Step 5**.

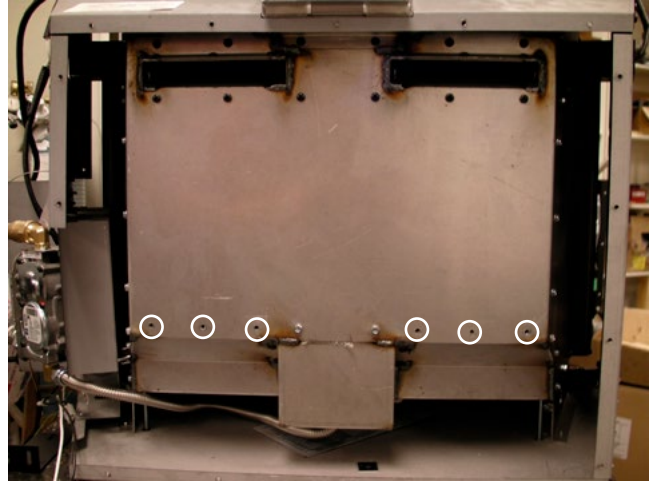


Figure 4

- 5). Remove the four screws highlighted in **Figure 5**.

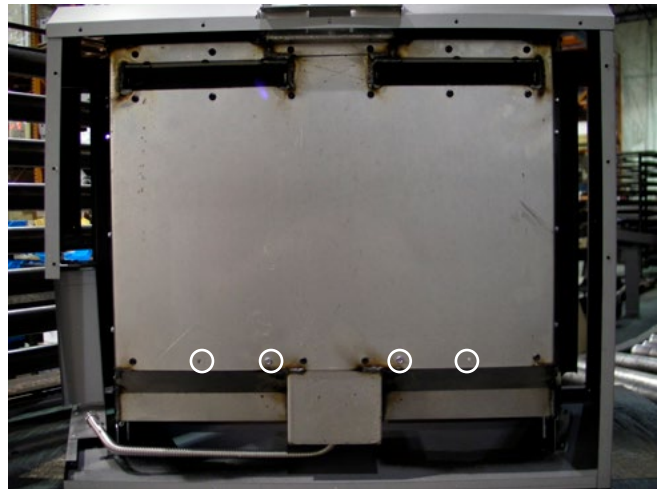


Figure 5

# Installation



6). Install fans into the back of the fireplace.

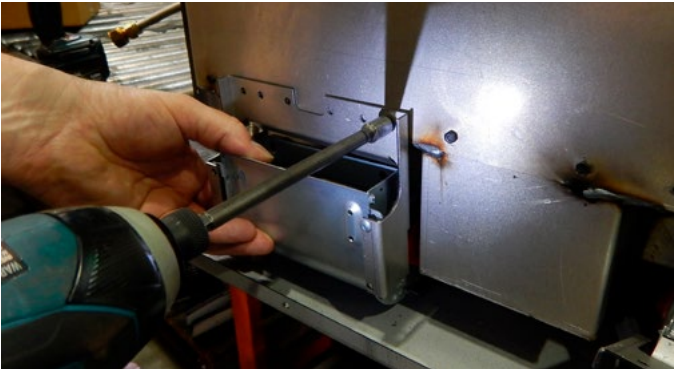


Figure 6

7). Secure each fan using 3 screws (for 30FID) and 2 screws (for 34FID).



Figure 7

8). Connect the Fan Wire Harness at the back of the appliance.



Figure 8

9). Connect the Fan Wire Harness underneath the valve.

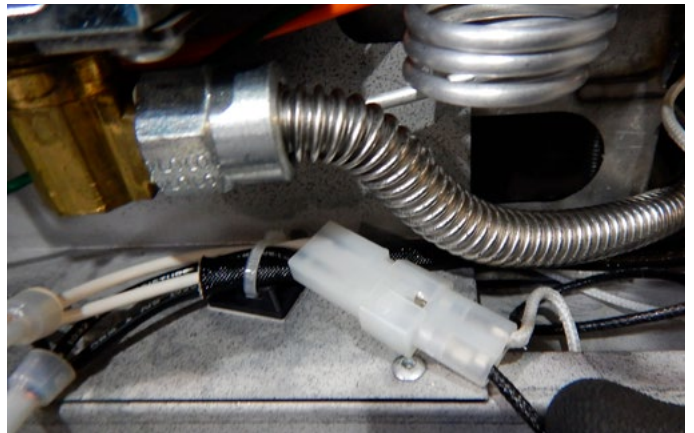


Figure 9



## Installation

10). Secure the Wire Harness with the cable ties as shown in figure 10 and 11.

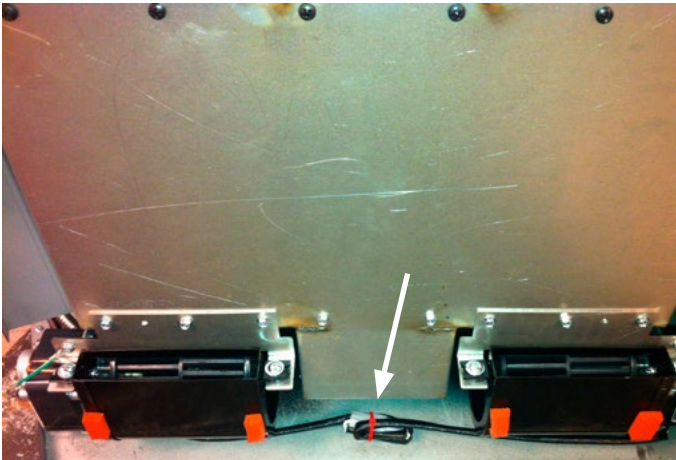


Figure 10

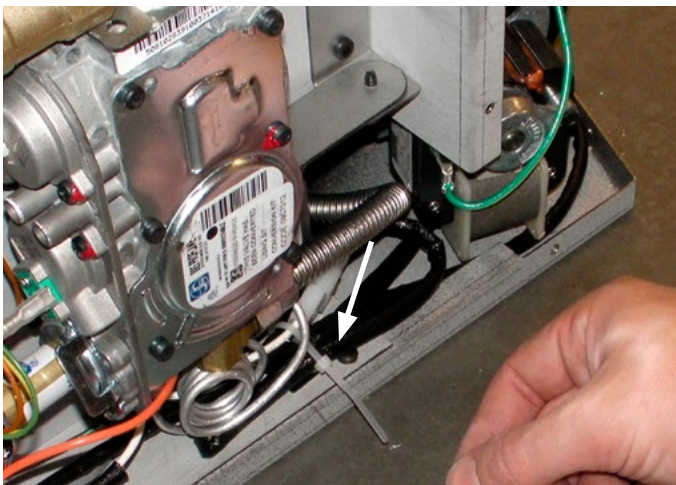


Figure 11

11). If desired, it is possible to test the Blower operation with the Gas Supply turned off or disconnected. To test the Blower operation, re-connect the electrical supply temporarily. Be sure to disconnect the Electrical Supply after testing the Blowers.

12). Re-install the Outer Shell Rear panel.

13). Refer to fireplace manual for fireplace installation.



# I-Series Optional Fan Kit RFKFID