

# Installation Instructions



Secure Seal K&W Fixed Blade Damper

**A MAJOR CAUSE OF VENT RELATED FIRES IS FAILURE TO MAINTAIN REQUIRED CLEARANCES (AIR SPACES) TO COMBUSTIBLE MATERIALS. IT IS OF THE UTMOST IMPORTANCE THAT SECURE SEAL BE INSTALLED ONLY IN ACCORDANCE WITH THESE INSTRUCTIONS.**

SECURE SEAL SUPPLEMENTAL  
INSTRUCTION- FIXED DAMPER



## INTRODUCTION

The purpose of a K&W Fixed Blade Damper is to ensure optimum pressures through an appliance. The Damper will aid in the proper operation and efficiency of the appliance by preventing higher than desired draft readings.

## INSTALLATION

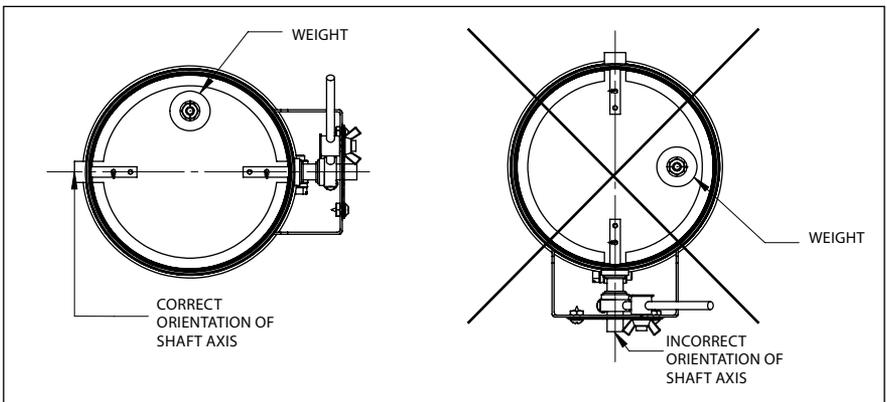
**• IMPORTANT: The max rated temperature for the fixed blade damper is 392°F (200°C). When the K&W damper is installed, the entire Secure Seal system is to be de-rated in maximum temperature to this value.**

- Always follow appliance manufacturer's installation instructions for proper appliance setup and venting requirements.
- Refer to the Secure Seal Installation Instructions for correct installation to Secure Seal vent lengths and adapters.
- It is important to note that the Damper can be installed vertically, diagonally and horizontally.
- If the Damper is going to be installed horizontally, make sure the Damper Axis is horizontal (**Fig.1**). Make sure the venting is pitched towards the boiler by a value of  $\frac{1}{4}''$

drop for every foot of vent length (**Fig.2** and **Fig.3**) for proper condensate management. The weight on the damper is a fail safe to make certain that the damper will be open in the event of failure. Ensure that the weight is at the top of the damper plate when closed in the Horizontal (**Fig.1**).

Horizontal Installation (**Fig.1, Fig.2, Fig.3**)

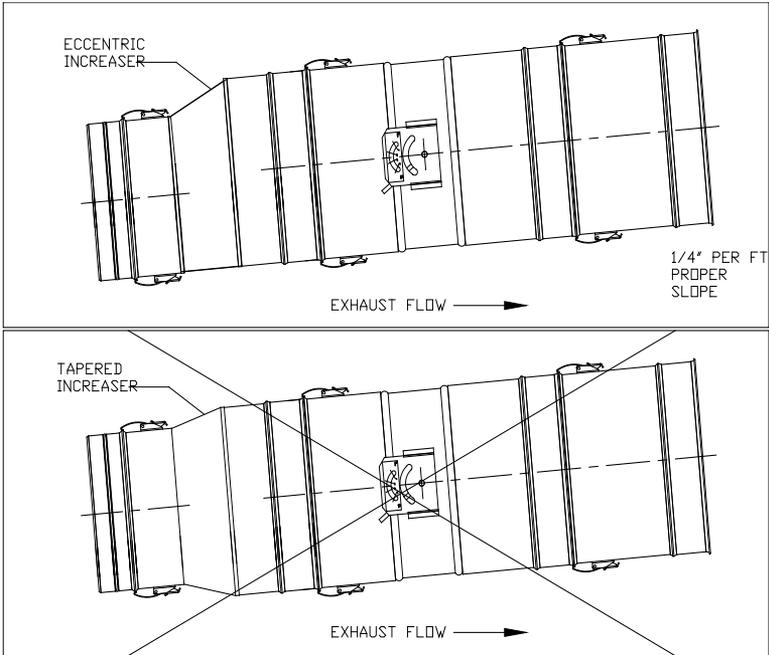
- To prevent the build up of condensation in horizontal installations, it is required to use an Eccentric Increaser rather than Tapered Increasers at the male connection of the damper (**Fig.2**).
- Installation of the Damper in the flue venting of an appliance should be at the breach of the appliance or as close as possible.
- Lock the Damper position to the 90 degree value so that it is in the full open position.
- Ensure the female end is pointing away from the appliance.
- Once the damper has been correctly installed in the venting flue, lock the damper to 90° and then operate the burner until the appliance is sufficiently warmed up and chamber pressure has stabilized.
- After the chamber pressure is lower than



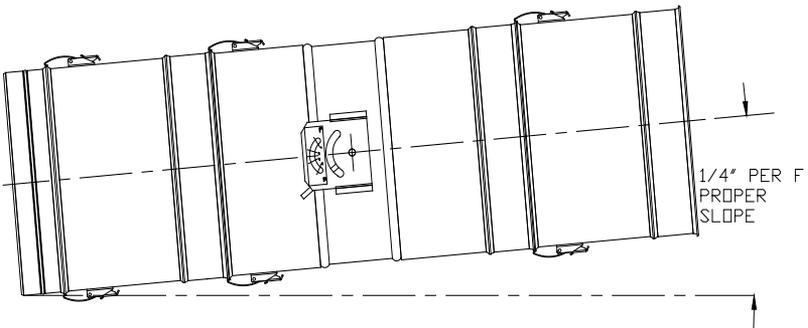
**Figure 1**

what is prescribed by the OEM, proceed with closing off the damper until the desired chamber pressure has been achieved.

- At this point lock the damper blade in position and begin the burner set up as prescribed by the OEM.



**Figure 2**



**Figure 3**

# Limited Lifetime Warranty

This Security Chimneys International, Ltd. (SCIL) Limited Lifetime Warranty warrants your residential vent and/or chimney system to be free from defects in material and workmanship at the time of manufacture. This Limited Lifetime Warranty includes all components and fittings, except termination caps and Secure Black SW single wall black stove pipe. After installation, if covered components manufactured by SCIL are found to be defective in materials or workmanship during the Limited Lifetime Warranty period and while the Product remains at the site of the original installation, SCIL will, at its option, replace the covered components. SCIL reserves the right to replace covered components with an equivalent product and the replacement must be carried out in accordance with SCIL's recommendations. If replacement is not commercially practical, SCIL will, at its option, refund the purchase price or wholesale price of the SCIL product, whichever is applicable. THERE ARE EXCLUSIONS AND LIMITATIONS to this Limited Lifetime Warranty as described herein.

## COVERAGE COMMENCEMENT DATE

Warranty coverage begins on the date of installation. In the case of new home construction, warranty coverage begins on the date of first occupancy of the dwelling or six months after the sale of the Product by an independent SCIL dealer/distributor, whichever occurs earlier. The warranty shall commence no later than 24 months following the date of product shipment from SCIL, regardless of the installation or occupancy date.

## EXCLUSIONS AND LIMITATIONS

This Limited Lifetime Warranty applies only if the Product is installed in the United States or Canada and only if used for the application for which it was designed and intended. The Product must be maintained in accordance with the printed instructions accompanying the Product and in compliance with all applicable installation and building codes and good trade practices.

This warranty is transferable. The Product must be purchased through a listed supplier of SCIL and proof of purchase must be provided. SCIL will be responsible for the replacement of the residential vent and/or chimney system considered to be defective for the following periods:

Termination Caps & Secure Black SW Stove Pipe – Replacement at no charge for 5 years from the date of installation, excluding labor

Components and fittings (excludes termination caps and Secure Black SW) –

Year 1-15 – Replacement of all components and fittings (a labor allowance may apply to a maximum of 300 \$ \* certain conditions apply).

Year 16 + – Replacement at 50% off of the prevailing list price in effect at the time of replacement (No labor allowance applies).

\*Labor Allowance Conditions: Any Warranty replacement work must be performed by a Professional Installer.

SCIL will not be responsible for: (a) damages caused by normal wear and tear, corrosion from salt air, accident, riot, fire, flood or acts of God; (b) damages caused by abuse, negligence, misuse, or unauthorized alteration or repair of the Product affecting its stability or performance. (The Product must be subject to normal use with approved fuels listed in the Operation Manual provided with the product. Where applicable, fuel products with abnormal burning characteristics, including but not limited to fuel such as driftwood, plywood and wood products using a binder may burn at excessive temperatures and may cause damage to the Product or may cause it to function improperly; (c) damages caused by failing to provide proper maintenance and service in accordance with the instructions provided with the Product; (d) damages, repairs or inefficiency resulting from faulty installation or application of the Product.

This Limited Lifetime Warranty covers only parts as provided herein. SCIL's entire liability is limited to the purchase price of this product. In no case shall SCIL be responsible for materials, components or construction which are not manufactured or supplied by SCIL or for the labor necessary to install, repair or remove such materials, components or construction. Additional utility bills incurred due to any malfunction or defect in equipment are not covered by this Limited Lifetime Warranty. All replacement or repair components will be shipped F.O.B. from the nearest stocking SCIL factory.

## LIMITATION ON LIABILITY

It is expressly agreed and understood that SCIL's sole obligation and the purchaser's exclusive remedy under this warranty, under any other warranty, expressed or implied, or in contract, tort or otherwise, shall be limited to replacement, repair, or refund, as specified herein. In no event shall SCIL be liable for any incidental or consequential damages caused by defects in the Product, whether such damage occurs or is discovered before or after replacement or repair, and whether such damage is caused by SCIL's negligence. SCIL has not made and does not make any representation or warranty of fitness for a particular use or purpose, and there is no implied condition of fitness for a particular use or purpose. SCIL makes no expressed warranties except as stated in this Limited Lifetime Warranty. The duration of any implied warranty is limited to the duration of this expressed warranty.

No one is authorized to change this Limited Lifetime Warranty or to create for SCIL any other obligation or liability in connection with the Product. Some states and provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. The provisions of this Limited Lifetime Warranty are in addition to and not a modification of or subtraction from any statutory warranties and other rights and remedies provided by law.

## INVESTIGATION OF CLAIMS AGAINST WARRANTY

SCIL reserves the right to investigate any and all claims against this Limited Lifetime Warranty and to decide, in its sole discretion, upon the method of settlement.

To receive the benefits and advantages described in this Limited Lifetime Warranty, the appliance must be installed and repaired by a licensed contractor approved by SCIL. Contact SCIL at the address provided herein to obtain a listing of approved dealers/distributors. SCIL shall in no event be responsible for any warranty work done by a contractor that is not approved without first obtaining SCIL's prior written consent.

## HOW TO REGISTER A CLAIM AGAINST WARRANTY

In order for any claim under this warranty to be valid, you must contact the SCIL dealer/distributor from which you purchased the product. If you cannot locate the dealer/distributor, then you must notify SCIL in writing. SCIL must be notified of the claimed defect in writing within 90 days of the date of failure. Notices should be directed to the SCIL Warranty Department at 2125 Monterey Street, Laval, QC H7L 3T6.



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07/2014