

# Z-FLEX™ FULL 10 YEARS WARRANTY FOR MODELS ZSV, ZIV

Z-Flex, Inc. warrants its Connector System for a period of ten (10) years from date of purchase.

Z-Flex, Inc. warrants to the retail purchaser (or, if this product was purchased by a contractor, to the end user) that the Connector System will be free from manufacturer's defects in material and workmanship at the time of shipping for the period of **ten (10 years)** from the date of purchase when the product is used under normal use and circumstances.

This warranty, whether expressed or implied, shall be limited to the replacement of the connector and accessories found to be defective under this warranty, **exclusive of installation costs.**

Any deviation from recommended installation and use instructions included with this product, will nullify this warranty.

Excessive condensation with high levels of acidic contamination or use of unapproved chemical cleaners may result in corrosive action on aluminum. These conditions can only result from improper use, and such misuse will void this warranty.

As a condition precedent to Z-Flex (U.S.), Inc.'s performance under this warranty the purchaser must fill out the warranty registration coupon available in the Installation Manual and return it to Z-Flex (U.S.), Inc. at the address shown and permit examination by Z-Flex, or its agent or representative, which examination must establish satisfactory proof of defect in material or workmanship.

The items of this warranty constitute the purchaser's sole and exclusive remedy.

*For further information, call or write to:*

20 Commerce Park North  
Bedford, NH 03110-6911  
Fax: 603-669-0309  
Toll Free: 1-800-654-5600

20 West Pearce Street  
Richmond Hill, Ontario  
L4B 1E3  
Tel: (416) 731-9411



## INSTALLATION INSTRUCTIONS

# MODEL ZSV ZIV FLEXIBLE VENT CONNECTOR SYSTEM FOR GAS FIRED APPLIANCES

## WARRANTY REGISTRATION CARD



For this warranty to be effective this card must be completed upon purchase of the Flexible Vent Connector System and returned to Z-Flex, Inc.

NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CONNECTOR PURCHASED FROM: \_\_\_\_\_

DATE OF INSTALLATION: \_\_\_\_\_

I understand and agree to the warranty as stated: \_\_\_\_\_  
(signature)

### Installation Requires:

- One (1) Universal Connector
- One (1) Appliance Adaptor
- Length of Flexible Connector Pipe
- Connector Support Bracket (where required)

Manufacturer's address: Z- Flex, Inc.

20 Commerce Park North  
Bedford, NH 03110-6911

The information provided within is for informational purposes only. We have made every effort to ensure the accuracy of the provided information and assume no responsibility for any loss or damage due to errors or omissions or to the use or misuse of any information supplied. It is impossible to test all products under all conditions to which they might be subjected in the field. It is therefore the buyer and/or end users' responsibility to test all products under the conditions that duplicate the service conditions prior to installation. All improvements, all specifications are subject to change without prior notice. It is the buyer and/or end users' responsibility to review our complete **Terms and Conditions of Sale** located on our web sites at: [www.novalflex.com](http://www.novalflex.com) | [www.z-flex.com](http://www.z-flex.com) | [www.flexmaster.com](http://www.flexmaster.com).



### INSTALLATION INSTRUCTIONS

This UL listed connector meets the requirements of the National Fuel Gas Code, NFPA 54, ANSI 223.1, and NFPA 211.

**USAGE:** Insul-Vent™ (ZIV) is a double wall insulated vent connector for use with category I appliances. Install when insulated connectors are required. (i.e.: basement, crawl space, attic, or unconditioned space). This product connects to either listed Type B gas vent, listed Z-Flex chimney liner, Z-Flex Insul-Liner™, or any approved common vent.

Single-Vent™ (ZSV) is a single wall vent connector for use with category I appliances. Install when a single wall connector is required. This product connects to either listed Type B gas vent, listed Z-Flex chimney liner, Z-Flex Insul-Liner™, or any approved common vent.

**NOTE:** Consult manufacturer's installation instructions, local code or National Fuel Gas Code (NFPA 54) for venting requirements.

**CLEARANCE:** Insul-Vent™ – One (1) inch clearance to combustible.  
Single-Vent™ – One (1) inch clearance to combustible.

**INSPECTION:** Routine inspection is required. Inspect twice a year to insure Connector's integrity.

**WARNING:** DO NOT enclose, pass through walls, floors or ceilings.

The Z-Flex Connector System should be generally installed as follows:

- In as short and straight a run as possible with no unnecessary bends.
- Without any dips or sags.
- Sloped upwards at least 1/4 inch per foot.
- No bends greater than 90 degrees.

### INSTALLATION STEPS

**STEP 1 –** Fit Universal Connector onto B-Vent, Rigid Pipe Z-Flex Liner, or Z-Flex Insul-Liner™. Note the flow direction label. Tighten gear clamp assembly.

**STEP 2 –** Insert one end of the flexible pipe into the applicable adaptor in Step 1 and tighten clamp assembly.

**STEP 3 –** If applicable, mount connector support bracket on wall or ceiling using 1.5 inch drywall screws or equal, at 32-inch spacing. Insert pipe into brackets and tighten with #8 screw provided.

**STEP 4 –** Install appliance connector on the end of the flexible pipe and tighten the clamp assembly.

**STEP 5 –** Install appliance connector over the appliance collar and tighten clamp assembly. (If required, screw to appliance collar using a minimum of 2 sheet metal screws.)

