

# Installation Instructions

The Vent Seal, when installed per the specifications provided herein, conforms to the provisions of API Recommended Practice 520 Part II. Correct installation ensures that the seal does not obstruct the relief valve's rated discharge capacity or introduce back pressure that may compromise operational integrity or safety compliance.

## Inspection of Vent Piping

1. Before installing the Vent Seal, ensure the relief valve vent pipe opening is free of any water, debris, or contaminants.
2. Verify that the pipe outside surface is clean and smooth to allow proper sealing.
3. When paint or other surface coatings have been applied, they must be fully cured prior to installation of the Vent Seal.

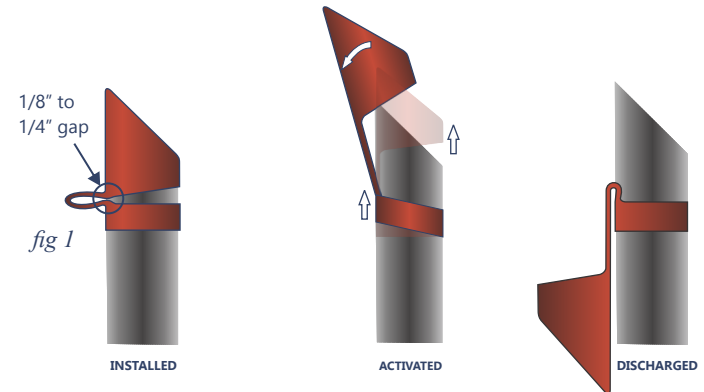
## Installation Guidelines – Sizes ½" to 8"

1. Install the Retaining Ring by sliding the ring over the pipe and position it just below the lowest edge of the pipe opening.
2. Place the Vent Seal Cup onto the vent pipe, ensuring the EnviroSeal makes full contact around the pipe. Align the slanted surface of the Vent Seal Cap so it seats properly with the slanted opening of the pipe.
3. Slide the retaining ring **UP** until it nearly contacts the bottom of the cup. Gap should be 1/8" to 1/4" Maximum. As illustrated in figure 1.

## Installation of 10" and 12"

1. Install the **Stainless Retaining Ring** on the pipe and slide down. **Do not secure.**
2. Place the Vent Seal Cup onto the vent pipe, ensuring the EnviroSeal makes full contact around the pipe. Align the slanted surface of the Vent Seal Cap so it seats properly with the slanted opening of the pipe.
3. Slide the retaining ring **UP** until it nearly contacts the bottom of the cup. Gap should be 1/8" to 1/4" maximum. As illustrated in figure 3
4. Tighten the adjusting screw on the retaining ring securing it snugly in place.
5. Verify the ring and lanyard have the relationship indicated in figure 4.

# Vent Seal<sup>tm</sup>



**Illustration Of Operational Performance Of Correctly Installed Vent Seal**

**IMPORTANT NOTICE:** If the over pressure condition occurs, the Vent Seal will discharge from the vent pipe and will require reinstallation:

1. Carefully inspect the Vent Seal for damage replace if required.
2. Inspect the vent pipe and Vent Seal for contaminants, debris or accumulations and remove prior to reinstall.
3. Reinstall the Vent Seal as instruction dependent on size.

