

Vent Cleaners

for Blockage Prevention



Description

Vent Cleaners are used to manually clean out the pressure taps on static (or corner) differential producer type primary flow elements, preventing obstructions of the pressure sensing line(s) between meter and transmitter.

Installation

One Vent Cleaner is installed in each piezometer (tap) location. There is no difference between high and low pressure tap vent cleaners for standard HVT-CI (Cast Iron) meters.

- Remove plastic thread protector(s)
- Apply either Teflon tape or pipe compound to threads
- Insert threaded end into piezometer connection on primary flow element
- Tighten securely enough to eliminate any leakage, but does not have to be torqued

Common Materials

- 304
- 316SS

Other Available Materials

- Aluminum
- Duplex S/S
- Hastelloy B & C

Design Construction

Seal Assembly: Designed to seal and prevent the leakage of the line fluid

3/4" NPT Cross: Provides attachment points for the pressure sensing lines from transmitter to meter taps

3/4" NPT Plug: Plug is provided for single transmitter applications where the space connection tap is plugged

1/2" Stainless Steel Shaft: This rod with "T"-handle is provided to facilitate pushing any accumulated dirt back into the flow stream and away from the pressure sensing lines. Normal rod position is fully withdrawn.

3/4" Nipple: Connects the ball valve to the cross and allows for applications where different lengths are required by changing the length of the nipple

3/4" Ball Valve: Allows for isolation of the process from the transmitter

Applications

- Wastewater
- Raw Water
- Municipal
- Potable Water

Special Features

- Isolation ball valves
- Different lengths available
- Custom design for difficult or space constrained applications
- Offers both static tap and corner tap designs
- Produces a precise component that fits the exact geometry of the meter. This assures proper cleaning.