



**Manufacturer:** Studor<sup>®</sup>, Inc.  
**Item #:** 20345

**Model:** CHEM-VENT™  
**Connection Size:** 1 1/2"

**General:**

The CHEM-VENT™ air admittance valve shall be acceptable as a vent terminal for a non-neutralized special waste system to prevent siphonage of the fixture trap. A CHEM-VENT™ can be used as an alternative to extending a vent through the roof (or sidewall) to the open atmosphere.

**Location:**

- A. The CHEM-VENT™ should be located a minimum of 4" above the weir of the fixture trap for single fixture and branch venting.
- B. Each valve should be installed in an accessible location.

**Installation:**

- A. The valve should be connected to the piping in accordance with the manufacturer's installation instructions.
- B. The valve should be installed in the vertical, upright position after rough-in and pressure testing of the DWV system.
- C. A minimum of one vent shall extend to the open atmosphere for every building drainage system.
- D. The valve should not be installed in supply and return air plenums.
- E. For installation in areas with temperature range between -40° F and 150° F.
- F. The valve can be installed in non-neutralized chemical waste systems provided the system is designed by a design professional.

**Features:**

- A. Ball valve sealing assembly.
- B. Will vent up to 6 DFUs
- C. Designed for chemical waste systems
- D. Screening on the inside and outside of the valve to protect the sealing assembly from insects and debris.
- E. Limited lifetime warranty for replacement of defective valves.

**Materials:**

- (a) Manufactured from Flame Retardant Polypropylene conforming to D-4101
- (b) O-ring is made from Ethylene Propylene Diene Monomer (EPDM)

**Performance Standards:**

- ASSE 1051 (revised 2002) single fixture and Branch type AAVs
- NSF Standard 14 (Plastic Components)

**Code Approvals:**

- International Plumbing Code (IPC) 2003 Edition by Section 105.2 Alternative Materials, Methods and Equipment
- Southern Building Code Council International (SBCCI) 1994 Edition, Section 103.7 Alternative Materials and Methods.
- Building Official Code Administration (BOCA) 1993 Edition by Section P-107.4 Alternative Materials and Equipment.
- International Residential Code (IRC) 2003 Edition by Section R104.11 Alternative Materials, Design and Methods
- Uniform Plumbing Code (UPC) 2003 Edition, Section 301.2 Alternate Materials and Methods

**Listings:**

- NSF International (NSF Standard 14)

**Sizing Chart**

Horizontal Branch Size	Max DFUs
1 1/2"	3
2"	6