SPECIFICATION SUBMITTAL SHEET

MAXI-VENT® Air Admittance Valve

Manufacturer: **Studor®, Inc.** Connection Size: **3" or 4"**

Model #: **MAXI-VENT®** Item #: **20302**

MAXI-VENT®

4" Push-Fit Connector

General:

An air admittance valve shall be acceptable as a vent termination for any individual vent, common vent, circuit vent, loop vent, island fixture vent, vent stack or stack vent that is provided to prevent siphonage of a fixture trap. An air admittance valve can be used as an alternative to extending a vent through the roof (or sidewall) to the open atmosphere.

Location:

A. The MAXI-VENT shall be located a minimum of 4" above horizontal branch drain or fixture drain being vented and 6" above the flood level of the highest fixture for stack 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 a non-neutralized special (chemical) waste system or in supply and return air plenums.
E. The valve may be installed on sewer ejectors, if installed according to engineer design and prior local code approval.
F. For installation in areas with temperature range between –40 and 150° F.

Features:

A. Screening on the inside and outside of the valve to protect the sealing membrane from insects and debris.
B. Protective cover for additional insulation against extreme temperatures.
C. Ability to divert condensation away from sealing membrane.
D. Limited lifetime warranty for replacement of defective valves.

Materials:

A. Styrofoam cover
B. ABS (acrylonitrile butadiene styrene) valve with silicone membrane
C. Rubber connector

Performance Standards:

ANSI/ASSE 1051 A&B —2009 single fixture and branch type AAVs

ANSI/ASSE 1050—2009 stack type AAVs

NSF Standard 14—2009 Plastics Piping System and Components

Code Compliance:

- International Plumbing Code (IPC)
- International Residential Code (IRC)
- Uniform Plumbing Code (UPC Section 301.2 Alternative Materials and Methods
- National Standard Plumbing Code (NSPC) - Appendix "E"
- National Plumbing Code of Canada (NPC)

Listings:

Horizontal Branch Size	Max DFUs
3"	20
4"	160
Stack Size	**Max DFUs**
3"	72
4"	500

IPS CORPORATION

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