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ASSE 1051:1992 Performance requirements for air admittance valves for plumbing drainage systems

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Abbreviation
ASSE 1051: 1992
Valid from
01/01/1992

Information provider
American Society of Sanitary Engineering
Author
American Society of Sanitary Engineering
Information type
Standard

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Description

These devices consist of a one-way valve designed to allow air to enter the plumbing drainage system when a pressure less than atmospheric develops.

The device closes and seals by gravity under (0) differential pressure (static condition) and under positive pressure. They prevent sewer gases from entering the building. The device consists of a hooded or shielded body which contains a movable sealing assembly which seats and seals air flow when closed and allows air to enter when open.

Scope

Temperature Range

These devices shall function at temperatures from -40.0°F to 150.0°F (-40.0°C to 65.6°C).

Rating

These devices shall be rated to pass the air rate indicated in Table 1 without exceeding a pressure drop greater than 1.0 inch (25.4 mm) of water column.

For assistance with locating previous versions, please contact the information provider.

Notes/comments

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- [G13/AS1 \(Second Edition, Amendment 4\)](#)
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Other

- [ANSI/ASME B1.20.1:1983](#)

ASSE 1051: 1992 cites ANSI/ASME B1.20.1:1983 (R2006) Pipe threads general purpose (Inch)

- [ASTM C564 - 88](#)

ASSE 1051: 1992 cites ASTM C564 - 88 Standard Specification for Rubber Gaskets for Cast Iron Soil Pipe and Fittings

- [ASTM D2235 - 88](#)

ASSE 1051: 1992 cites ASTM D2235 - 88 Standard Specification for Solvent Cement for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe and Fittings

- [ASTM D2564 - 91](#)

ASSE 1051: 1992 cites ASTM D2564 - 91 Standard Specification for Solvent Cements for Poly (Vinyl Chloride) (PVC) Plastic Piping Systems

- [ASTM D2860 / D2860M - 90\(1999\)](#)

ASSE 1051: 1992 cites ASTM D2860 / D2860M - 90(1999) Standard Test Method for Adhesion of Pressure-Sensitive Tape to Fiberboard at 90

- [CSA B602:2016 \(6th Edititon\)](#)

ASSE 1051: 1992 cites CSA B602:2016 Mechanical Couplings for Drain, Waste and Vent Pipe and Sewer Pipe.

- [FM 1680](#)

ASSE 1051: 1992 cites FM 1680 Couplings Used in Hubless Cast Iron Systems for Drain, Waste or Vent, Sewer, Rainwater or Storm Drain Systems Above and Below Ground, Industrial/Commercial and Residential

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