Product Information/Specification Sheet

Studor Chem-Vent (Air Admittance Valve for plumbing ventilation)

Description

The Studor Chem-Vent AAV is an accepted alternative to replace all forms of conventional branch venting, with localised active ventilation of the chemical drainage system.

The Chem-Vent is manufactured from chemical resistant and field-tested flame retardant polyo-propylene (PP) material. This specialist AAV results in great savings by reducing the need for expensive chemical resistant vent piping, as well as improving performance of specialised acid waste systems.

Features

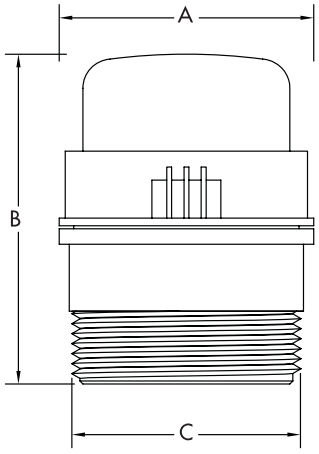
- Prevents the release of foul air from the drainage system.
- Chemical resistant materials FR-PP and EPDM are used in the Studor Chem-Vent.
- Available in red flame retardant polypropylene (PP).

Installation

- The Studor Chem-Vent should be connected to the piping in accordance with Studor's installation instructions.
- Refer to your local area regulations for open vent requirements.

Warranty

The Studor products have a "Lifetime of System" warranty. Visit www.studor.net.au.



Studor Chem-Vent

Applications

The exclusive Chem-Vent is designed specifically for chemical and acid waste laboratory systems. It is especially suitable for the following areas:

- Hospitals
- Biomedical
- Petrochemical
- Schools
- Pharmaceutical Manufacturing
- Food and Drink Process Manufacturing
- Hazardous Environments
- Electronic / Electrical

Pipe sizes

AU/NZ
DN 40

Chemical & environmental resistance

Category	Rating
Weak alkalis	E
Strong alkalis	E
Weak acids	E
Strong acids	E
Solvents	E
Organic chemicals	E
Alcohols	F
Oxidizing acids	P
Hydrocarbons	P
Fuels	P
Gamma radiation	F
UV radiation	P

Ratings

E = Excellent
G = Good
F = Fair
P = Poor

Dimensions

Dimension	Metric (mm)	Imperial (inches)
A	Ø 52	2.00
B	168	2.68
C	DN 40	1.50

Note: Dimensions for reference only

Performance parameter

Temperature range	-20°C to +60°C -40°F to +150°F (ASSE)
Opening pressure	-60 Pa (-0.009 PSI)
Max. pressure rating tightness	10,000 Pa (1m/40" H_2O) at 0 Pa or higher

Air flow capacity	Branch	Stack
AU/NZ	6.4 l/s / 68 FU	N/A

Materials

Component	Material
Chem-Vent body	FR-PP
Sub-assembly	EPDM

AS/NZS 4936 L/N° 22839

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