

Product Information/Specification Sheet

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

Description

The Studor Maxi-Vent Air Admittance Valve (AAV) is an accepted alternative to replace all forms of conventional stack venting, utilising active air pressure control, allowing the air to enter the system at the point of need.

The Maxi-Vent admits air under condition of reduced pressure in the discharge pipes and prevent water seals in traps from being drawn; thus contributing to the ventilation of the main drain to which the discharge stacks incorporating the Maxi-Vent are connected.

Features

- Screening on the inside and outside of the Maxi-Vent to protect the sealing membrane from foreign objects.
- Ability to divert condensation away from the sealing membrane.
- Prevents the release of foul air from the drainage system.
- Independently tested to verify operation from -40°C.
- Available in white ABS.

Installation

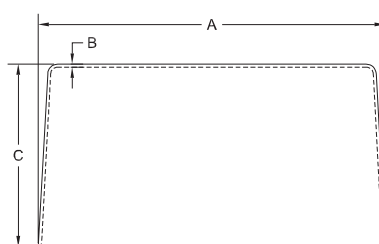
- The Maxi-Vent should be connected to the piping in accordance with Studor's installation instructions.
- Refer to your local area regulations for open vent requirements.

Aluminium Cover (optional)

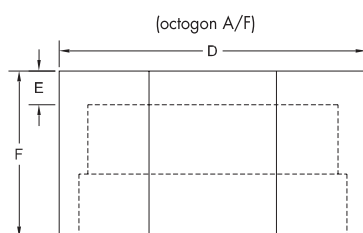
The Aluminium Cover provides protection to the Maxi-Vent when it is installed outside. It is provided with an integral insulating cap and is secured in place with adhesive tape. This provides insulation against extreme temperatures (-40°C to +60°C) and protection from animals/birds and the environment, i.e. inclement weather and the sun's ultra-violet rays.

Warranty

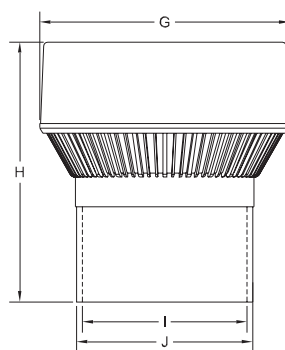
The Studor products have a 10 year warranty period. Visit www.studor.net for full details.



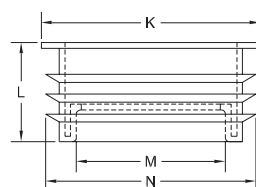
Aluminium Cover



Insulating Cap



Maxi-Vent



Connector

Pipe sizes

Europe	AU/NZ	USA
DN 75-110	DN 80-100	3" - 4"

Dimensions

Dimension	Metric (mm)	Imperial (inches)
A	Ø 175	6 7/8
B	1.4	1/16
C	92	3 5/8
D	155	6 1/8
E	17	11/16
F	84	3 5/16
G	Ø 126	Ø 4 15/16
H	131	5 3/16
I	Ø 83	3 1/4
J	Ø 89	3 1/2
K	Ø 111	Ø 4 3/8
L	50	2
M	Ø 75	Ø 2 15/16
N	Ø 106	4 3/16

Note: Dimensions for reference only

Performance parameter

Temperature range	-40°C to +60°C (CE) -40°F to +150°F (ASSE)
Opening pressure	-70 Pa (-0.010 PSI)
Max. pressure rating tightness	10,000 Pa (1m/40" H ₂ O) at 0 Pa or higher

Air flow capacity	Branch	Stack
Europe	32 l/s	32 l/s
AU/NZ	32 l/s / 1728 FU	32 l/s / 125 FU
USA	1 to 160 DFU	72 to 500 DFU

Materials

Component	Material
Aluminium cover	Aluminium
Insulating cover cap	Polystyrene
Maxi-Vent body	ABS
Maxi-Vent membrane	Synthetic rubber
Connector	Rubber

EN 12380		10
Akatherm BV, Industrieterrein 11, 5981 NK Panningen, The Netherlands		
Valve to ventilate drainage systems Designation: AI Airflow capacity: 32 l/s Airtightness tested at: 30/500/10000 Pa Range of temperature: -40°C to +60°C Effectiveness at temperatures below zero: -40°C Pipe material in accordance with: EN1329-1, EN1451-1, EN4514, EN12056-1 Pipe DN: 75 to 110		