STUDOR® MAXI-VENT™

Air Admittance Valve for Plumbing Ventilation

Product Information/Specification Sheet

DESCRIPTION

The **STUDOR Maxi-Vent** 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.
- Protective cover for the air intake and additional insulation against extreme temperatures.
- Ability to divert condensation away from the sealing membrane.
- Prevents the release of foul air from the drainage system.
- Available in white ABS.

INSTALLATION

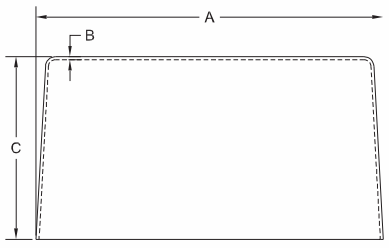
- The **Maxi-Vent** should be connected to the piping in accordance with **STUDOR**'s installation instructions.
- Refer to your local area regulations for open vent requirements.

ALUMINIUM COVER (OPTIONAL)

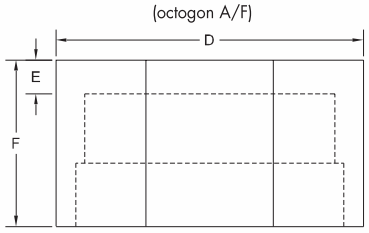
The Aluminium Cover provides protection to the **Maxi-Vent** when it is installed outside. The cover is placed over the upper half of the polystyrene packaging and secured in place with adhesive tape. This provides insulation against extreme temperatures (-20°C to +60°C) and protection from animals/birds and the environment, i.e. inclement weather and the sun's ultra-violet rays.

WARRANTY

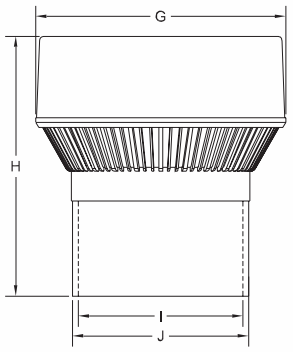
The **STUDOR** products have a lifetime warranty - equivalent to that of the drainage system in which they are installed.



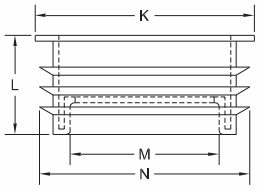
Aluminium Cover



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	6.89
B	1.5	0.06
C	92	3.62
D	155	6.10
E	17	0.67
F	84	3.31
G	Ø 126	Ø 4.96
H	131	5.16
I	Ø 83	Ø 3.27
J	Ø 89	Ø 3.50
K	Ø 111	Ø 4.37
L	50	1.97
M	Ø75	Ø 2.95
N	Ø106	Ø 4.17

Note: Dimensions for reference only

PERFORMANCE PARAMETER

Temperature range	-20°C to +60°C (CE) -40°F to +150°F (ASSE)
Open pressure	-70 Pa (-0.010 PSI)
Max. pressure rating tightness	10,000 Pa (1m/40" H_2O) at 0 Pa or higher

Air flow capacity	Branch	Stack
Europe	32 l/s	32 l/s
AU/NZ	32 l/s /1000 FU	32 l/s / 140 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 CE 03

Studor Ventech Limited, Millennium House, Victoria Road Douglas, Isle of Man IM2 4RW, British Isles

Valve to ventilate drainage systems
Designation: AI
Airflow capacity: 32 l/s
Airtightness tested at: 30/500/10000 Pa
Range of temperature: -20°C to +60°C
Effectiveness at temperatures below zero: -20°C
Pipe material in accordance with: EN1329-1, EN1451-1, EN4514, EN12056-1

EN 12380 AI Rated

STUDOR® INVENTIVE TECHNOLOGY

AS/NZS 4936 Maxi-Vent™ LN/W20032

Technical Support and Design Assistance:
Tel: +44 845 601 3292 Fax: +44 845 601 3293
Email: support@studor.net
www.studor.net

011-7B002

Also distributed under the following trade names:
OsmaVent 110
KNITS II™