

STUDOR[®] TRAP-VENT[™]

Combined Air Admittance Valve & Trap for Plumbing Ventilation

Product Information/Specification Sheet

DESCRIPTION

The compact Studor[®] Trap-Vent[™] is a combined trap with a 50mm seal, and an integral AAV, reducing the need for secondary ventilating and replacing conventional S and P traps.

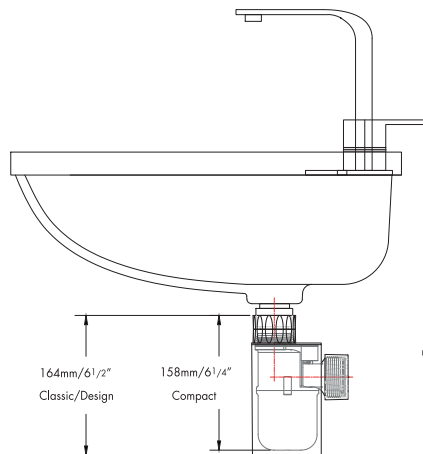
The valve within the Trap-Vent opens and admits fresh air when the negative (suction) pressure occurs from a fixture discharging into the system. This equalizes the pressure within the system and protects the trap seal. When the flow stops, the valve closes by gravity, preventing any transmission of foul air.

FEATURES

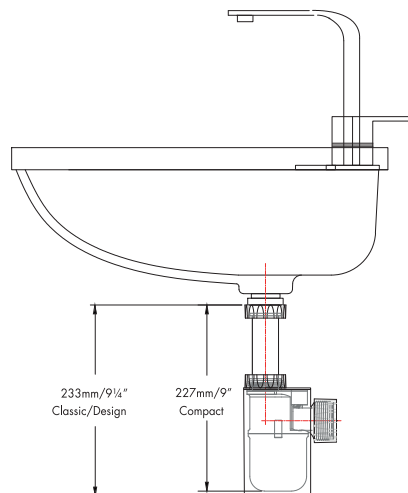
- Reduces the noise of the fixture discharge; 20dB noise reduction compared to conventional trap systems.
- Prevents the release of foul air from the drainage system.
- Compact size, enabling installation where space is restricted.
- Height adjustable for fully flexible installation.
- High grade integrated self-cleaning ability.
- Available in three versions:
 - **COMPACT:** The basic combined AAV and trap, in white ABS.
 - **CLASSIC:** A superior version of the COMPACT Trap-Vent with an outer white cladding.
 - **DESIGN:** An enhanced version of the CLASSIC Trap-Vent with the outer cladding in a polished chrome-plate finish.
- Provided with 32mm appliance connection and 32mm or 40mm outlet options, depending on the specific market.
- A 40mm appliance connection is available upon request if required by the market.

INSTALLATION

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



Minimum installation height



Maximum installation height

PIPE SIZES (OUTLET)

Europe	AU/NZ	USA
DN 32-40	DN 32-40	1 1/4" - 1 1/2"

PERFORMANCE PARAMETER

Temperature range	0°C to +60°C (CE) +32°F to +150°F (ASSE)
Opening pressure	-60 Pa (-0.009 PSI)
Max. pressure rating tightness	10,000 Pa (1m/40" H ₂ O) at 0 Pa or higher

Air flow capacity	Branch	Stack
Europe	1.5 l/s	N/A
AU/NZ	1.5 l/s / 6 FU	N/A
USA	6 DFU	N/A

MATERIALS

Component	Material
Trap-Vent body	UV stabilized ABS
Trap-Vent membrane	Synthetic rubber

WARRANTY

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

Visit www.studor.net for full details.

For dimensions please see overleaf.

EN 12380



06

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

Combined trap and valve to ventilate drainage systems

Designation: All

Airflow capacity: 1.5 l/s

Airtightness tested at: 30/500/10000 Pa

Range of temperature: 0°C to +60°C

Effectiveness at temperatures below zero: NPD

Pipe material in accordance with: EN1329-1, EN1451-1, EN4514, EN12056-1



STUDOR[®]
INVENTIVE TECHNOLOGY
SINCE 1975

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

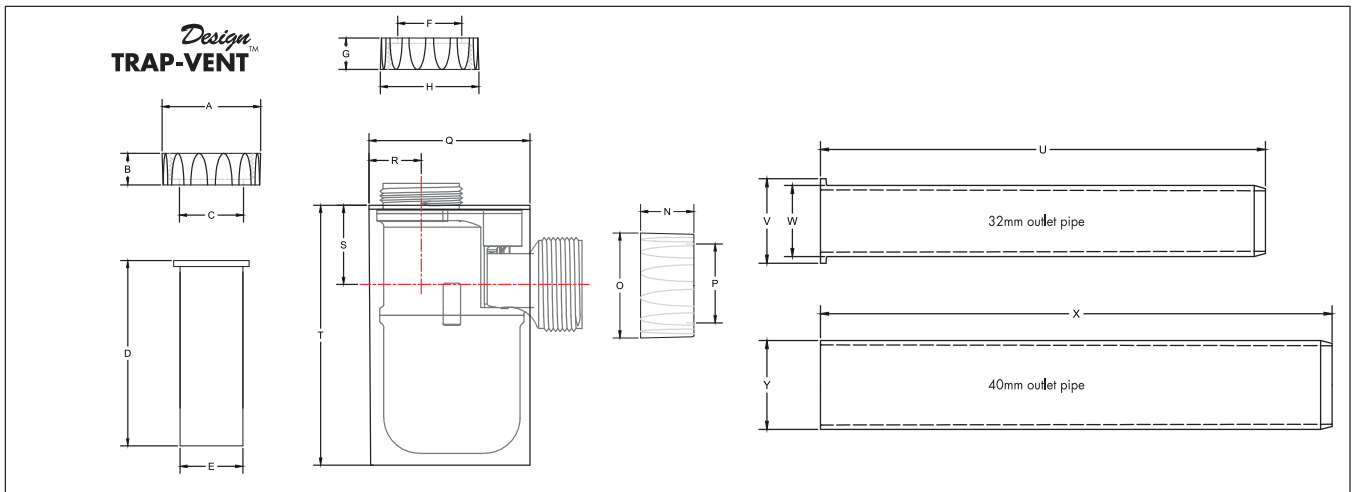
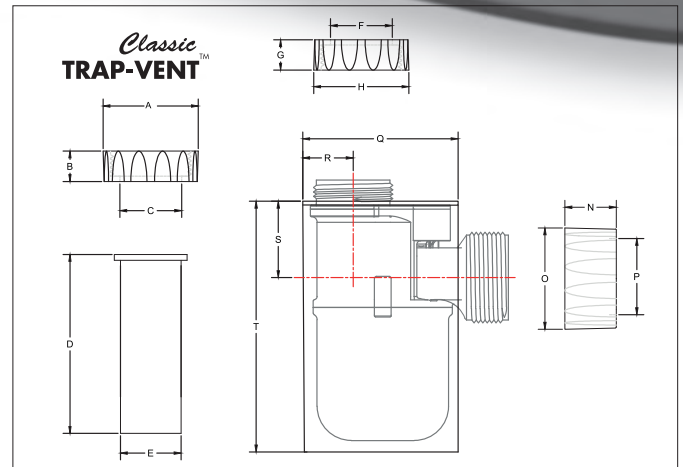
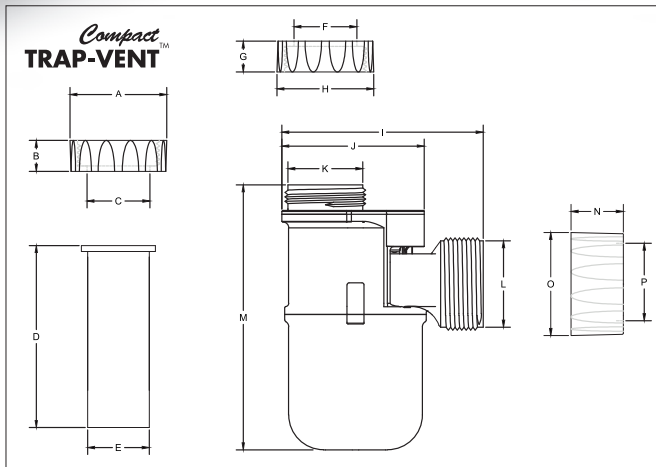
STUDOR reserves the right to make changes to the product which may affect the accuracy of information contained in this document



011-7B005

STUDOR® TRAP-VENT™

Combined Air Admittance Valve & Trap for Plumbing Ventilation



DIMENSIONS

Dimension	Metric (mm)	Imperial (inches)
D	94	3 13/16
E	Ø 32	Ø 1 5/16
F	Ø 32	Ø 1 5/16
G (Compact/Classic)	13	15/16
G (Design)	16	5/8
H (Compact/Classic)	Ø 48	Ø 1 15/16
H (Design)	Ø 50	Ø 2 15/16
I	104	4 1/4
J	74	3
K	Ø 39	Ø 1 5/16
L	Ø 45	Ø 1 13/16
M	137	5 9/16
N	27	1 2/16
O	Ø 53	Ø 2 3/16
P (outlet option)	Ø 32	Ø 1 5/16
	Ø 40	Ø 1 3/4
	Ø 36 (UK)	Ø 1 1/2
Q	82	3 3/8
R	26	1 1/16
S	40	1 5/8
T	132	5 3/8

APPLIANCE CONNECTION DIMENSIONS

Dimension	Metric (mm)	Imperial (inches)
A	Ø 50	Ø 2 1/16
B	16	5/8
C	Ø 32	Ø 1 5/8

OUTLET PIPE DIMENSIONS (Trap-Vent Design only)

Dimension	Metric (mm)	Imperial (inches)
U	200	8 13/16
V	Ø 38	Ø 1 9/16
W	Ø 32	Ø 1 5/16
X	230	9 3/8
Y	Ø 40	Ø 1 10/16

Note: Dimensions for reference only
Exact configuration provided will depend on the specific market.