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 (-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 lifetime warranty - equivalent to that of the drainage system in which they are installed. Visit www.studor.net for full details.

DIMENSIONS

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Metric (mm)</th>
<th>Imperial (inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Ø 175</td>
<td>6 9/16</td>
</tr>
<tr>
<td>B</td>
<td>1.5</td>
<td>5/32</td>
</tr>
<tr>
<td>C</td>
<td>92</td>
<td>3 9/16</td>
</tr>
<tr>
<td>D</td>
<td>155</td>
<td>6 7/16</td>
</tr>
<tr>
<td>E</td>
<td>17</td>
<td>5/8</td>
</tr>
<tr>
<td>F</td>
<td>84</td>
<td>3 5/16</td>
</tr>
<tr>
<td>G</td>
<td>Ø 126</td>
<td>Ø 4 5/16</td>
</tr>
<tr>
<td>H</td>
<td>131</td>
<td>5 7/16</td>
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<tr>
<td>I</td>
<td>Ø 83</td>
<td>3 1/2</td>
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<tr>
<td>J</td>
<td>Ø 89</td>
<td>Ø 3 1/2</td>
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<tr>
<td>K</td>
<td>Ø 111</td>
<td>Ø 4 7/16</td>
</tr>
<tr>
<td>L</td>
<td>50</td>
<td>2</td>
</tr>
<tr>
<td>M</td>
<td>Ø 75</td>
<td>Ø 2 15/16</td>
</tr>
<tr>
<td>N</td>
<td>Ø 106</td>
<td>Ø 4 5/16</td>
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</table>

Note: Dimensions for reference only

PERFORMANCE PARAMETER

<table>
<thead>
<tr>
<th>Temperature range</th>
<th>-40°C to +60°C (CE)</th>
<th>-40°F to +150°F (ASSE)</th>
</tr>
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<tbody>
<tr>
<td>Open pressure</td>
<td>-70 Pa (0.010 PSI)</td>
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<tr>
<td>Max. pressure rating tightness</td>
<td>10,000 Pa (1m/40” H₂O) at 0 Pa or higher</td>
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</table>

<table>
<thead>
<tr>
<th>Air flow capacity</th>
<th>Branch</th>
<th>Stack</th>
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<tbody>
<tr>
<td>Europe</td>
<td>32 l/s</td>
<td>32 l/s</td>
</tr>
<tr>
<td>AU/NZ</td>
<td>32 l/s /1278 FU</td>
<td>32 l/s / 125 FU</td>
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<tr>
<td>USA</td>
<td>1 to 160 DFU</td>
<td>72 to 500 DFU</td>
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</tbody>
</table>

MATERIALS

<table>
<thead>
<tr>
<th>Component</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminium cover</td>
<td>Aluminium</td>
</tr>
<tr>
<td>Insulating cover cap</td>
<td>Polystyrene</td>
</tr>
<tr>
<td>Maxi-Vent body</td>
<td>ABS</td>
</tr>
<tr>
<td>Maxi-Vent membrane</td>
<td>Synthetic rubber</td>
</tr>
<tr>
<td>Connector</td>
<td>Rubber</td>
</tr>
</tbody>
</table>

EN 12380

EN 011-7B002

EN 12380

EN 011-7B008

Certification No. 89/2139

STUDOR® MAXI-VENT
Air Admittance Valve for Plumbing Ventilation

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Email: support@studor.net
www.studor.net

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

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

0401-0006/122013