**Function and Description**

The PROTEGO® EH/0S vent cap allows vessels which are not pressurized to vent. This device prevents rain and dirt entering the vent line. The PROTEGO® EH/0S vent cap is not flame transmission proof. It is often used in combination with detonation flame arresters, when those are used in vent lines, installed at a position which creates a long run up distance from the end of the vent line to prevent endurance burning. The PROTEGO® EH/0S will then be installed at the end of that vent line to prevent particles or rain from entering the line.

The vent cap PROTEGO® EH/0S main components are a housing (1), a weather hood (2) and a protection screen (3). The device is equipped with a fixed weather hood out of metal. The protection screen prevents particles or rain from entering the line.

**Special Features and Advantages**

- vent cap provides protection against environmental impact (harsh weather conditions, bird nests, etc.)
- cost effective device
- almost maintenance free
- certified flow performance curves

**Design Types and Specification**

Vent cap, basic design

Special designs available on request

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**Table 1: Dimensions**

<table>
<thead>
<tr>
<th>DN</th>
<th>100 / 4&quot;</th>
<th>150 / 6&quot;</th>
<th>200 / 8&quot;</th>
<th>250 / 10&quot;</th>
<th>300 / 12&quot;</th>
<th>350 / 14&quot;</th>
<th>400 / 16&quot;</th>
<th>500 / 20&quot;</th>
<th>600 / 24&quot;</th>
</tr>
</thead>
</table>

**Table 2: Material selection**

<table>
<thead>
<tr>
<th>Design</th>
<th>A</th>
<th>B</th>
<th>Special materials upon request</th>
</tr>
</thead>
<tbody>
<tr>
<td>Housing</td>
<td>Steel</td>
<td>Stainless Steel</td>
<td></td>
</tr>
<tr>
<td>Weather hood</td>
<td>Stainless Steel</td>
<td>Stainless Steel</td>
<td></td>
</tr>
</tbody>
</table>

**Table 3: Flange connection type**

- EN 1092-1, Form B1 or DIN 2501, Form C, PN 16; from DN 200 PN 10
- ANSI 150 lbs RFSF
- other types upon request

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Order example

EH/0S - 100 - B - DIN

Materials and chemical resistance: See Vol. 1 “Technical Fundamentals”

Flow Capacity Chart

The flow capacity chart has been determined with a calibrated and TÜV certified flow capacity test rig. Volume flow $V$ in [m³/h] and CFH refer to the standard reference conditions of air ISO 6358 (20°C, 1bar). Conversion to other densities and temperatures refer to Vol. 1: “Technical Fundamentals”.

For safety and environment

PROTEGO