TECHNICAL DESCRIPTION:
Odorizing units are an important safety element in the field of gas distribution. The OSGC-03 A, B, C, D, I odorizing equipment provides precise and reliable metering of the odorant into the heating oil in the distribution equipment.

This equipment works on an injection basis. The impulses from the gas meter, or convertor, activate the pump via the equipment electronics. The membrane metering pump driven by a magnet is controlled by the UMARS control electronics. UMARS can also provide remote communication with a superior system, or PC.

The system is aerated through a filter with activated carbon. All components used in the OSGC odorizing stations are approved for Zone 2 with ATEX certificate by the Physical-Technical Testing Institute in Radvanice.

TECHNICAL PARAMETERS: OSGC 03 A, B, C, D, I

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>230V with tolerance 10%, 50/60 Hz</td>
</tr>
<tr>
<td>Output</td>
<td>35W</td>
</tr>
<tr>
<td>Protection</td>
<td>IP65</td>
</tr>
<tr>
<td>Version</td>
<td>For ATEX Zone 2</td>
</tr>
<tr>
<td>Min. No. of Strokes</td>
<td>1 (min./manual setting)</td>
</tr>
<tr>
<td>Max. No. of Strokes</td>
<td>10,800/h</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-30 +60°C</td>
</tr>
<tr>
<td>Metered Medium</td>
<td>Odorants (mercaptans)</td>
</tr>
</tbody>
</table>

Pump Stroke Volume:
- OSGC 03 A 40 mg/Nm³ = 36 500, 20 mg/Nm³ = 18 250 Nm³
- OSGC 03 B 40 mg/Nm³ = 55 000, 20 mg/Nm³ = 27 500 Nm³
- OSGC 03 C 40 mg/Nm³ = 105 000, 20 mg/Nm³ = 52 500 Nm³
- OSGC 03 D 40 mg/Nm³ = 205 000, 20 mg/Nm³ = 102 500 Nm³
- OSGC 03 I - acc. to the individual offer* 6.8-68 mg/stroke at back-press. of 30 bar
- 10.2-102 mg/stroke at back-press. of 30 bar
- 19.9-195 mg/stroke at back-press. of 30 bar
- 38-380 mg/stroke at back-press. of 30 bar

Weight of equipment: 38 kg *acc. to the selected construction

Dimension (H x W x D) (mm): 950 x 900 x 300 (only type A,B,D)

OSGC ST
The functionality of an odorizing station lies in an effective connection of electromagnetic valves. The components are controlled by the UMARS-MINI electronics located directly on the installation panel. The operating liquid is metered by a high-pressure electromagnetic valve, which uses the gas pressure from the regulation station, or a pressure bottle. It is a simple, but highly effective odorizing system. Odorizing unit can deliver odorant into two independent gas pipeline outlets. OSGC ST1 denotes one output, the OSGC ST2 then two outputs.