

Over the Top Foam Generators

OFG OFGR

(replaces datasheets 1009 / 6; 7; 9)

General description

Over the top foam generators are installed to the outside wall of liquid storage tanks above the level of stored product, producing and injecting foam onto the liquid surface.

Two types of OFG are available, the OFG and OFGR, used for different types of tank construction, with a range of product performance and build options as described below

Application description

The OFG is connected to a foam concentrate supply to deliver foam onto the liquid surface within the tank. OFG units are suited to both fixed and floating roof storage tanks and are fitted with an in-situ test feature, accessed via an external test cover, enabling OFG test without discharging foam into the storage tank.

To select appropriate performance characteristics, refer to NFPA: National Fire Codes NFPA 11 and/or local regulations.

Product features

- Stainless steel body construction with bronze orifice
- Hot-dipped galvanized slip-on inlet and outlet flanges
- Standard test outlet
- Factory calibrated to customer requirements
- Size and capacity fit to NFPA 11 regulations
- Foam pourer with weld-on flange in carbon steel

Connections

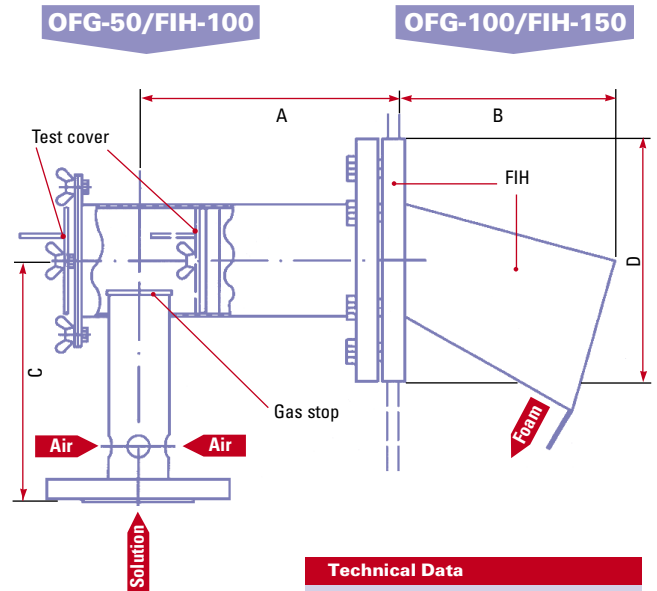
- Foam inlet: flanged to fit DIN PN 16 and ANSI 150 lbs

Approvals

- Factory Mutual approval for all OFG and OFGR models

Options

- Complete unit in stainless steel



| Technical Data | | | |
|----------------------------|-----|--------|---------|
| | OFG | OFG-50 | OFG-100 |
| Dimensions | A | 230 | 300 |
| | B | 200 | 250 |
| | C | 212 | 320 |
| | D | 221 | 286 |
| 1 bar = 0,1 MPa = 14,5 psi | | | |

| Performance Data | | | |
|-------------------------------------|-----------|----------------------------------|---------------------------------------|
| OFG | | 50 | 100 |
| Solution capacity | | Up to 700 l/min 700-3000 l/min | Up to 185 USGPM 185-792 USGPM |
| Weight | | 20 kg / 44 lbs | 32 kg / 71 lbs |
| Connection: OFG | | 50 DIN PN 16 and 2" ANSI 150 lbs | 100 DIN PN 16 and 4" ANSI 150 lbs |
| FIH | | To fit 100 DIN PN 16 | FIH 150 DIN PN 16 and 6" ANSI 150 lbs |
| Expansion ratio | | Up to 4:1* | |
| Material | OFG Body | Stainless steel | |
| | Internals | Bronze / Stainless steel | |
| | Flange | Galvanized steel | |
| FIH | Body | Stainless steel | |
| | Flange | Steel | |
| Working pressure range | | 4-16 bar / 58-232 psi | |
| *Depending on foam concentrate type | | | |



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Over the Top Foam Generators

OFG OFGR

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(replaces datasheets 1009 / 6; 7; 9)

General description

The over the top foam generator is designed to discharge aspirated foam directly to the seal area of open floating roof storage tanks for fire or vapour suppression.

Application description

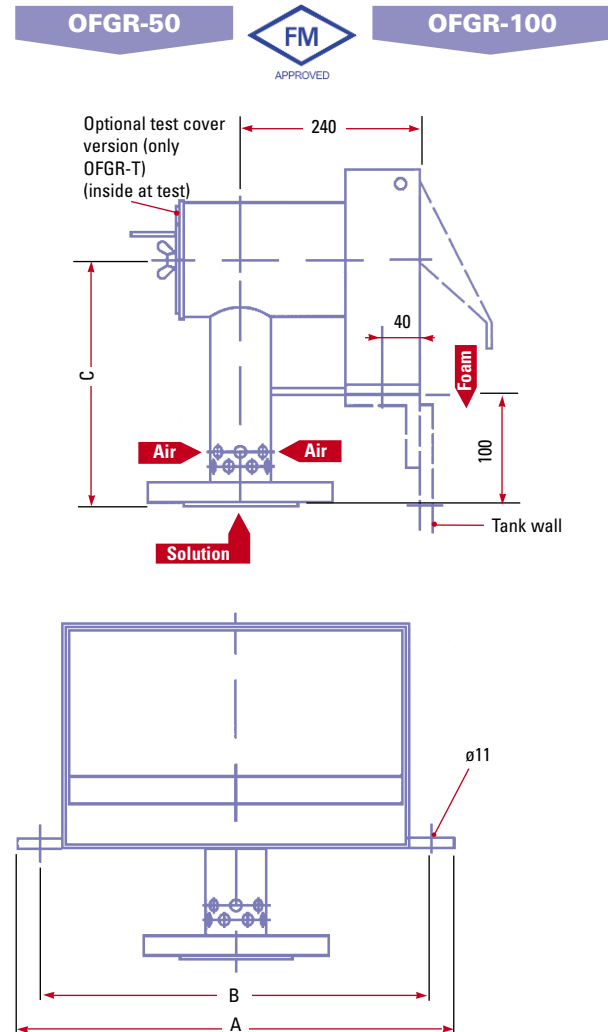
The Skum OFGRs are air-aspirated foam discharge devices that are designed to protect floating roof, flammable liquid storage tanks. They can be used on open top constructions with either a double deck or pontoon type floating roof.

Product features

- Stainless steel body
- Hot-dipped galvanized weld-on slip-on flange
- Standard test outlet
- Factory calibrated to any flow and pressure within the range
- Sizes and capacity fit to NFPA 11 regulations

Order information - please specify:

1. OFG / OFGR size
2. Capacity: flow and pressure



| Performance Data | | | | |
|-------------------|-------------------------------------|------------------|--------------------------------------|----------------|
| OFGR | 50 | 50T | 100 | 100T |
| Solution capacity | Up to 700 l/min Up to 185 USGPM | | 700-2000 l/min 185-530 USGPM | |
| Weight | 13 kg / 29 lbs | 14 kg / 31 lbs | 21 kg / 46 lbs | 22 kg / 49 lbs |
| Connection | 50 DIN PN 16 and 2" ANSI 150 lbs | | 100 DIN PN 16 and 4" ANSI 150 lbs | |
| Dimension | A | 430 mm | 580 mm | |
| | B | 390 mm | 540 mm | |
| | C | 255 mm | 320 mm | |
| Working pressure | 4-16 bar / 58-232 psi | | | |
| Expansion ratio | Up to 4:1* | | | |
| Material | Body | Stainless steel | | |
| | Flange | Galvanized steel | | |

*Depending on foam concentrate type

1 bar = 0,1 MPa = 14,5 psi



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