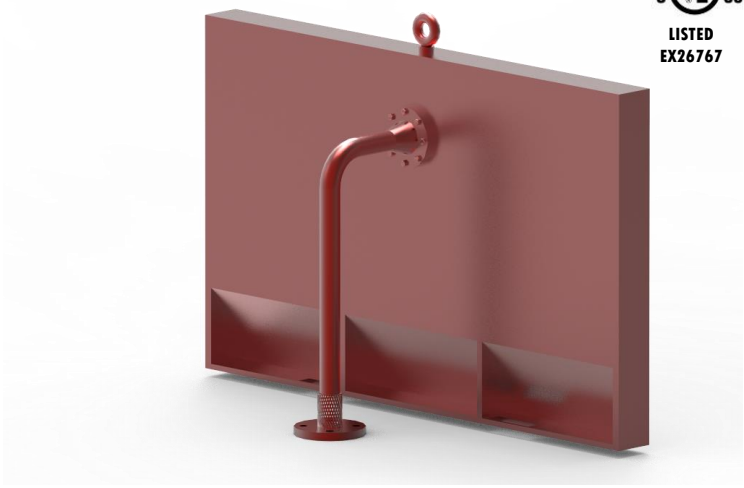
TANK AND CONTAINER PROTECTION

Model VTFS-065U & VTFI-065U
Rim seal foam pourer for floating roof tanks
Carbon Steel / Stainless Steel

c UL us LISTED EX26767



PRODUCT DESCRIPTION

Rim seal foam pourers are used when the tank is an open top construction type with either double deck or pontoon-type floating roof. It is designed to discharge foam gently as it expands and slides down inside of the tank shell and directly in the rim seal area. Each rim seal foam pourer has a capacity ranging from 45 to 530 lpm at 2,5 to 7,5 kg/sq.cm inlet pressure.

A screened air inlet, conforming to the cylindrically body, allows uniform air distribution into the foam solution stream to generate expanded foam.

To prevent obstruction, the air inlet holes are protected by a stainless steel screen selected with a perforation size designed to exclude most known nesting birds and insects.

The Rim Seal Foam Pourer is compatible with all types of foam concentrate; protein, fluoroprotein, AFFF, and AR-AFFF.

TECHNICAL DATA

Models	VTFS-065U: Carbon Steel VTFI-065U: Stainless Steel
Inlet connection	Flange 2,5” DN65 ANSI B16.5 Class 150#
Working pressure	2,5 Kg/cm² (35,5 psi) – 7,5 Kg/cm² (106,6 psi)
Flow	45 - 530 lpm
Finish	Red RAL 3000

APPLICATION

Rim seal foam pourers VTFS-065U&VTFI-065U are commonly used with bladder tanks, inline foam inductor or balanced pressure foam proportioning system.

The rim seal covers the space between the floating roof and the tank shell. The unit can be mounted on the top of the tank.

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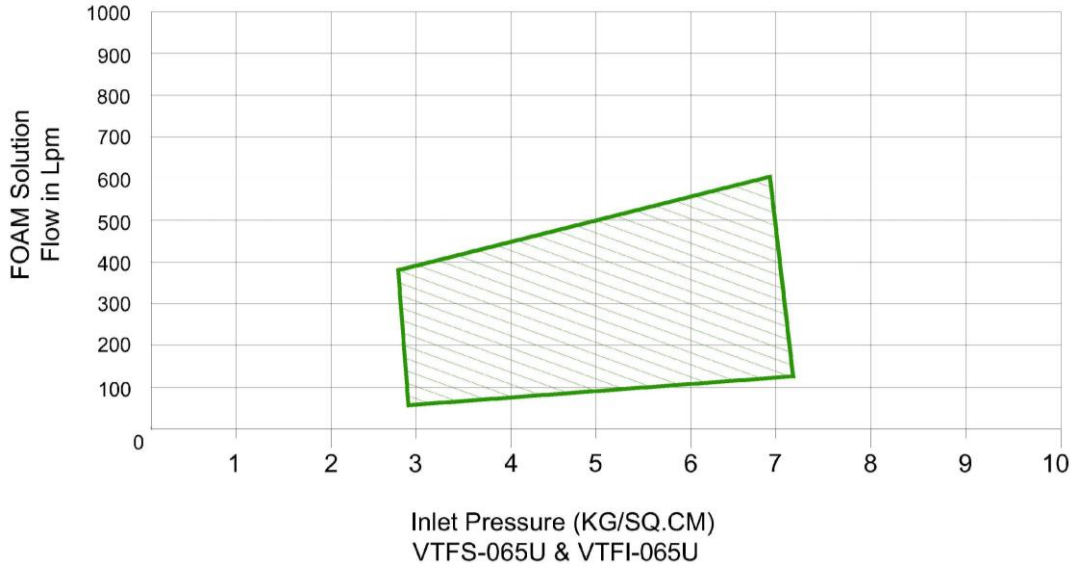
Foam chambers are defined by NFPA-11 as Type II discharge outlets for delivering the foam to the surface of a flammable liquid. The advantage of low expansion foam compared to the other type of foam is the greater throw range and superior cooling effect, heat resistance and burn back resistance achieved by the higher water content.

FEATURES

- Air aspirated foam maker.
- High quality air-aspirated foam.
- Provides wind protection allowing all foam to be applied in the sealing area.
- No welding required for mounting.
- Low maintenance.

FLOW RANGE

The orifice size and inlet pressure determines the flow rate of the Rim Seal Foam Pourer.



INSTALLATION, TESTING AND MAINTENANCE

The system must be installed, inspected and tested by a qualified and trained person. The system must be fully tested at least once in a year or in accordance to the standards of the organization having local jurisdiction. Do not turn off the system or any valve to repair or test the system, without placing a roving Fire Patrol in the area covered by the system. The Patrol should continue until the system is put back in service. To test the VTF without discharging the foam into the tank seal area, the VTF is to be rotated 180° away from the wind shield. If any obstruction is noticed, remove it and flush, if necessary.

ORDERING INFORMATION

SIZE	MATERIAL	
	CARBON STEEL	STAINLESS STEEL
2 ½" DN65	VTFS-065U	VTFI-065U

Specify:

Model	
Quantity	
Flow & pressure at inlet of each foam pourer	
Foam concentrate	

The equipment presented in this bulletin is to be installed in accordance with the latest published Standard of the National Fire Protection Association, Factory Mutual Research Corporation, or other similar organizations and also with the provisions of governmental codes or ordinances whenever applicable.
This documentation is not contractual. AG Fire Sprinkler reserves the right to any kind of change without notice.

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