

	TECHNICAL DATA	SELF-EDUCTING FOAM NOZZLES
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The Viking Corporation, 210 N Industrial Park Drive, Hastings MI 49058

Telephone: 269-945-9501 Technical Services 877-384-5464 Fax: 269-945-4495 Email: techsvcs@vikingcorp.com

1. DESCRIPTION

Features

- Brass Construction
- Single gallonage constant flow device
- Adjustable from straight stream to fog pattern
- Special internal high efficiency venturi
- Grease fittings for nozzle lubrication
- Complete with flexible pick-up hose
- Produces a very homogeneous foam solution
- Ideal for combating flammable liquid fires



2. LISTINGS AND APPROVALS

See Table 1

3. TECHNICAL DATA

Specifications:

Standard Optimum Operating Pressure: 100 PSI (7 bar)

See Table 1

Material Standards:

See Table 1

Ordering Information:

See Table 1

Viking Technical Data may be found on The Viking Corporation's Web site at <http://www.vikinggroupinc.com>. The Web site may include a more recent edition of this Technical Data Page.

4. INSTALLATION

The Self-Educting Foam Nozzles are suitable for use with water, AFFF, AR-AFFF or Class "A" foam, and may be used in Marine, Off-shore or other corrosive environments.

Table 1: Specifications

Part No.	Flow Rate	Nozzle Pressure	Water Inlet	Conc. Inlet	Proportioning	Pickup Hose	Weight	Material	Listings & Approvals
F15044	350 GPM (1325 LPM)	100 psi (7 bar)	2.5" FNST	1" MNPT	3% or 6%	1" x 8' (25.4mm x 2.4m)	12 lbs. (5.44 kg)	Brass	None
F15045	500 GPM (1893 LPM)	100 psi (7 bar)	2.5" FNST	1" MNPT	3%	1" x 8' (25.4mm x 2.4m)	12 lbs. (5.44 kg)	Brass	UL Listed***
F15046	750 GPM (2839 LPM)	100 psi (7 bar)	2.5" FNST	1.5" MNPT	3%	1-1/2" x 8' (38.1 mm x 2.4m)	15 lbs. (6.8 kg)	Brass	None
F15047*	1000 GPM (3785 LPM)	100 psi (7 bar)	2.5" FNST	1-1/4" MNPT	**	1-1/4" x 10' (31.8mm x 3m)	25 lbs. (11 kg)	Brass	None
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* Optional Foam Shutoff Valve

* Optional Drum Kit

** Supplied with 6 metering discs:

- Pickup Orifice Spacer A - 1% @ 350 gpm (1325 lpm)
- Pickup Orifice Spacer B - 3% @ 350 gpm (1325 lpm) or 1% @ 1000 gpm (3785 lpm)
- Pickup Orifice Spacer C - 6% @ 350 gpm (1325 lpm) or 3% @ 750 gpm (2839 lpm)
- Pickup Orifice Spacer D - 1% @ 500 gpm (1893 lpm)
- Pickup Orifice Spacer E - 3% @ 500 gpm (1893 lpm)
- Pickup Orifice Spacer F - 1% @ 750 gpm (2839 lpm)

*** UL Listed with Chemguard C 302 3% AFFF and C 361 3% AR-AFFF

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5. INSPECTIONS, TESTS AND MAINTENANCE

NOTICE: The owner is responsible for maintaining the fire protection system and devices in proper operating condition. For minimum maintenance and inspection requirements, refer to recognized standards such as those produced by NFPA, LPC, and VdS which describe care and maintenance of sprinkler systems. In addition, the "Authority Having Jurisdiction" may have additional maintenance, testing and inspection requirements which must be followed.

WARNING: Any system maintenance or testing which involves placing a control valve or detection system out of service may eliminate the Fire Protection of that system. Prior to proceeding, notify all Authorities Having Jurisdiction. Consideration should be given to employment of a Fire Patrol in the affected area.

6. AVAILABILITY

Viking Foam Products are available through a network of domestic and international distributors. See the Viking web site for closest distributor or contact The Viking Corporation.

7. GUARANTEE

For details of warranty, refer to Viking's current list price schedule or contact Viking directly.