

	<h1 style="margin: 0;">TECHNICAL DATA</h1>	<h2 style="margin: 0;">CONSTANT FLOW MONITOR NOZZLES</h2>
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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**

- Constructed of Corrosion Resistant Brass
- 2-1/2" FNST Inlet
- 100 PSI (7 bar) Flow Rate
- (6) Different Sizes Available
- Flow Remains Constant In All Patterns
- Grease Fittings For Easy Maintenance
- Combination of Fog and Straight Stream
- Built-In Grid as Stream Shaper for Maximum Reach
- Heavy Duty Protective Bumper (1000 gpm only) (3785 lpm)



**2. LISTINGS AND APPROVALS**

See table 1

**3. TECHNICAL DATA**

**Specifications:**

See Table 1

**Material Standards:**

Corrosion Resistant Brass

**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.

Table 1: Specifications								
Part Number	Listings	Flow Rate @ 100 PSI	Discharge Pattern	Reach at Specified Pressures				
				40 psi	60 psi	80 psi	100 psi	125 psi
F15036	None	300 GPM (1136 LPM)	Stream	105 ft. (32 m)	125 ft. (38 m)	140 ft. (43 m)	144 ft. (44 m)	150 ft. (46 m)
			Narrow Fog	74 ft. (23 m)	95 ft. (29 m)	105 ft. (32 m)	112 ft. (34 m)	120 ft. (37 m)
			Wide Fog	48 ft. (15 m)	56 ft. (17 m)	60 ft. (18 m)	67 ft. (20 m)	74 ft. (23 m)
F15037	UL Listed***	350 GPM (1325 LPM)	Stream	107 ft. (33 m)	127 ft. (39 m)	142 ft. (43 m)	146 ft. (45 m)	152 ft. (46 m)
			Narrow Fog	75 ft. (23 m)	96 ft. (29 m)	106 ft. (32 m)	113 ft. (34 m)	122 ft. (37 m)
			Wide Fog	48 ft. (15 m)	57 ft. (17 m)	61 ft. (19 m)	68 ft. (21 m)	75 ft. (23 m)
F15038	UL Listed***	500 GPM (1893 LPM)	Stream	118 ft. (36 m)	140 ft. (m)	156 ft. (48 m)	170 ft. (52 m)	186 ft. (57 m)
			Narrow Fog	80 ft. (24 m)	100 ft. (31 m)	110 ft. (34 m)	115 ft. (35 m)	124 ft. (38 m)
			Wide Fog	49 ft. (15 m)	58 ft. (18 m)	65 ft. (20 m)	71 ft. (22 m)	78 ft. (24 m)
F15039	None	700 GPM (2650 LPM)	Stream	138 ft. (42 m)	175 ft. (53 m)	198 ft. (60 m)	215 ft. (66 m)	240 ft. (73 m)
			Narrow Fog	92 ft. (28 m)	110 ft. (34 m)	128 ft. (39 m)	150 ft. (46 m)	160 ft. (49 m)
			Wide Fog	44 ft. (13 m)	50 ft. (15 m)	55 ft. (17 m)	60 ft. (18 m)	66 ft. (20 m)
F15040	UL Listed***	750 GPM (2839 LPM)	Stream	130 ft. (40 m)	170 ft. (52 m)	190 ft. (58 m)	205 ft. (63 m)	235 ft. (72 m)
			Narrow Fog	90 ft. (27 m)	105 ft. (32 m)	125 ft. (38 m)	145 ft. (44 m)	155 ft. (47 m)
			Wide Fog	42 ft. (13 m)	49 ft. (15 m)	54 ft. (16 m)	60 ft. (18 m)	65 ft. (20 m)
F15041	None	1000 GPM (3785 LPM)	Stream	160 ft. (49 m)	205 ft. (63 m)	242 ft. (74 m)	255 ft. (78 m)	280 ft. (85 m)
			Narrow Fog	80 ft. (24 m)	98 ft. (30 m)	118 ft. (36 m)	155 ft. (47 m)	168 ft. (51 m)
			Wide Fog	55 ft. (17 m)	73 ft. (22 m)	88 ft. (27 m)	95 ft. (29 m)	110 ft. (34 m)

\* Maximum reach on stream is achieved at approximately 30-35 degrees elevation.

\*\* Some ranges based on extrapolation of existing data and observations.

\*\*\* UL Listed with Chemguard C301 MS (Viking part number 14971)

**TECHNICAL DATA****CONSTANT FLOW  
MONITOR NOZZLES**

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**4. INSTALLATION**

The Constant Flow Monitor Nozzles are suitable for use with water or AFFF Solution, and are excellent for Industrial, Marine and Offshore use.

The Constant Flow Monitor Nozzles may be installed on:

- Portable Monitors
- Fixed Monitors
- Oscillating Monitors
- Mounted to waterway

**5. OPERATION**

The Constant Flow Monitor Nozzles maintain the constant flow listed in table 1. The Discharge pattern can be adjusted by rotating the external body of the nozzle.

**6. 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.

**7. 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.

**8. GUARANTEE**

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