



SELF-EDUCTING

MASTER STREAM

Self-Educting

Self-Educting master stream nozzles turn any monitor into a foam station without the use of additional equipment and have been part of Elkhart's fire suppression arsenal for over 20 years. Elkhart is proud to have been one of the pioneers in the development of the Hydro-Foam® line of self-educting nozzles.

Some of the features of self-educting nozzles include:

- Designed specifically for use with Class A and B foam, including AFFF and fluoroprotein
- Field-adjustable foam proportioning with pre-set options
- Combination nozzle — include straight stream, narrow fog (30°), or wide fog (90°)

Since introduction, Elkhart has expanded the self-educting Master Stream nozzle line to include:

- Easy to use, original Hydro-Foam® nozzles of brass or Elk-O-Lite® construction
- X-Stream® nozzles that combine self-educting ability with the convenience of automatic metering

6-15

Foam pick-up hose
attachment inlet



Large handles
allow for easy
pattern management

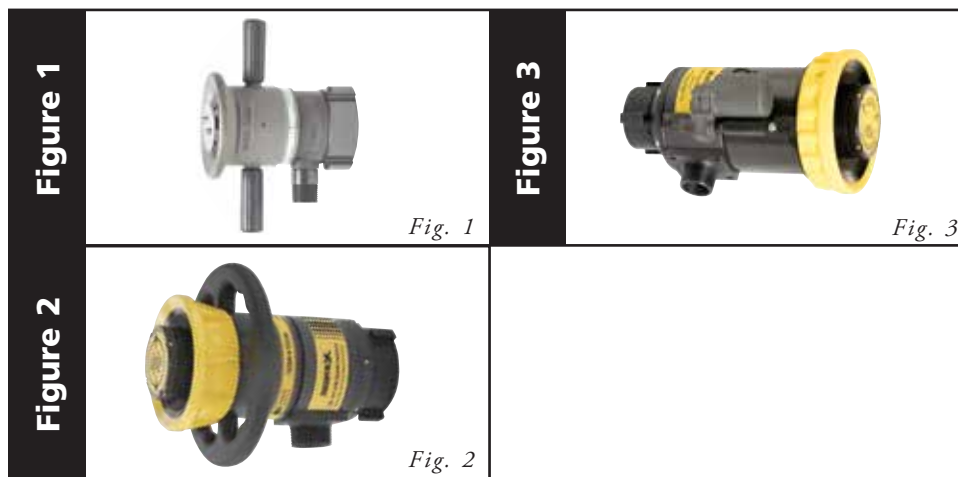


	NOZZLE FAMILY	
	X-Stream®	Hydro-Foam®
Flow Type	Automatic	Fixed
Description	High flow automatic nozzle	Original self-educing nozzle
Benefit	Optimizes use of concentrate and produces effective foam under a variety of conditions	Simple to use and flows well. Elk-O-Lite® version is lightweight and excellent for portable monitor use.
Foam Proportioning	Dual range, field selectable (SM-1000-HF and SM-1000E-HF) or fixed metering (SM-2000-HF and SM-2000E-HF)	Fixed metering via orifice insert

Base Size	FAMILY / FLOW RATE				FOAM PROPORTIONING						Electric	Certifications	MATERIAL / FINISH				Effective Reach (Ft.)	Weight (Lbs.)	MODEL	FIGURE
	X-STREAM®/AUTOMATIC		HYDRO-FOAM®/FIXED		CONFIGURABLE				SELECTABLE				BRASS		Composite	Elk-O-Lite®				
	GPM (LPM)				1/2%	1%	3%	6%	1/2% / 1%	1% / 3%										
	350-1000 (1325-3785)	750-2000 (2839-7571)	350 (1325)	500 (1893)																
PSI (BAR) 100 (6.89)																				
2.5"			•		•	•	•	•			•	•	•	•		145	13.2	HF-350	1	
			•		•	•	•	•						•	145	4.2	HF-350-A	1		
				•	•	•	•				•	•	•		162	13.2	HF-500	1		
				•	•	•	•							•	162	4.2	HF-500-A	1		
	•									s				•	250	20.7	SM-1000-HF	2		
	•									s	•				•	250	20.7	SM-1000E-HF	3	
3.5"		•				•					•				•	295	21.6	SM-2000-HF	2	
		•				•					•				•	295	21.6	SM-2000E-HF	3	

KEY s = standard o = option
*Fog pattern is 80°

SELF-EDUCTING FOAM CONFIGURATIONS



OPTIONS

- SM-1000E-HF features an 8' pick-up tube
- SM-2000E-HF features an 8' pick-up tube

THREADS

All nozzles are NHT unless otherwise specified. See index T-13 for optional base threads.

Figures depict general product types only and are not intended to be inclusive of all product features.