






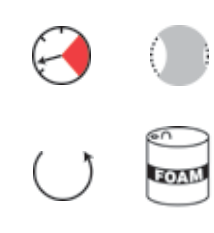

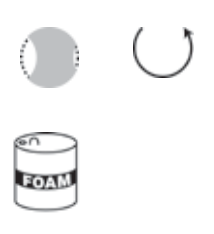


HANDLINE NOZZLES












SELECTOR GUIDE




















HANDLINE NOZZLES

1-1










		AVAILABLE BASE	PRODUCT	DESCRIPTION	MATERIAL	"QUICK-KEY"
FIXED	CHIEF™	1.0 •	 <i>Page 1-3</i>	<ul style="list-style-type: none"> • Wide selection of flow and pressure • Simple to use and train with • Fixed flow 	Brass	Elk-O-Lite® 
		1.5 •				
AUTOMATIC	SELECT-O-MATIC®	1.0 •	 <i>Page 1-6</i>	<ul style="list-style-type: none"> • Simplifies fireground hydraulics • Maintains effective flow and stream • Automatic flow 	Brass	Elk-O-Lite® 
		1.5 •				
SELECTABLE	PHANTOM®	1.0 •	 <i>Page 1-9</i>	<ul style="list-style-type: none"> • Firefighter chooses flow and stream • Rugged and easy to use • Wide flow range/constant flow 	Brass	Elk-O-Lite® 
		1.5 •				
SELECTABLE	SELECT-O-FLOW®	1.0 •	 <i>Page 1-11</i>	<ul style="list-style-type: none"> • Firefighter chooses flow and stream • High flow range/constant flow • Rugged all brass versions 	Brass	Elk-O-Lite® 
		1.5 •				
VARIABLE	MYSTERY®	1.0 •	 <i>Page 1-13</i>	<ul style="list-style-type: none"> • Original fog nozzle • Popular for high-rise packs • Variable stream 	Brass	Elk-O-Lite® 
		1.5 •				

KEY:

								
Low Pressure Available	Ball Shut-off Available	Twist Shut-off Available	Rebuild/Retro Available	Electrical	Foam Compatible	U.S. Coast Guard/Navy Approved	Underwriters Laboratories	FM Approved

		AVAILABLE BASE			PRODUCT	DESCRIPTION	MATERIAL		"QUICK-KEY"	
FIXED	SELECT-O-STREAM®	1.0	1.5	2.5	 <i>Page 1-15</i>	<ul style="list-style-type: none"> Convenient detents for stream selection Rugged all brass construction with chrome finish Fixed Flow 	Brass	Elk-O-Lite®	 	
		Available GPM (LPM) 60-250 (227-946)					•	•		
FIXED/VARIABLE	INDUSTRIAL FOG & ELECTRICAL FOG	1.0	1.5	2.5	IND. ELE.   <i>Page 1-17</i>	<ul style="list-style-type: none"> Durable and simple to use Designed for corrosive conditions For use on Class "C" fires Narrow to wide fog only 	Brass	Elk-O-Lite®	   	
		Available GPM (LPM) 12-250 (45-946)					•	•		
FIXED	MARINE	1.0	1.5	2.5	 <i>Page 1-19</i>	<ul style="list-style-type: none"> 85-5-5-5 Brass construction Designed for corrosive conditions Accepted US Navy Specifications 	Brass	Elk-O-Lite®	   	
		Available GPM (LPM) 95-250 (360-946)					•	•		
	BALL SHUT-OFFS, & PLAYPIPES	1.0	1.5	2.5	 <i>Page 1-21</i>	<ul style="list-style-type: none"> Wide range of flows Smooth bore optional Design your own break-apart Playpipes for easy handling 	Brass	Elk-O-Lite®		
		Available GPM (LPM) 118-209 (447-791)					•	•		
	SPECIAL USE	1.0	1.5	2.5	 <i>Page 1-29</i>	<ul style="list-style-type: none"> Forestry Wat-R-Wall Cellar Bresnan 	Brass	Elk-O-Lite®	 	
		Available GPM (LPM)					•	•		

KEY:

								
Low Pressure Available	Ball Shut-off Available	Twist Shut-off Available	Rebuild/Retro Available	Electrical	Foam Compatible	U.S. Coast Guard/Navy Approved	Underwriters Laboratories	Factory Mutual

HANDLINE NOZZLES



CHIEF™

Chief™

Fixed flow Chief™ nozzles efficiently deliver a constant gallonage from straight stream to full fog. The simple rugged design makes the Chief™ easy to use, train with and reliable in tough situations. Superior hydraulics due to a fully machined waterway result in excellent stream quality and reach. The Chief™ is also available in true low pressure versions with specifically engineered, calibrated and labeled stems down to 50 psi. With more than 300 available variations the Chief™ is easily customized to meet your specific needs.

HANDLINE NOZZLES

1-3



British Standard Parallel Pipe (BSPP) and British Instantaneous (BS336) base options available.

HANDLINE NOZZLES

CHIEF™

HANDLINE NOZZLES

1-4

BASE SIZE	PSI (BAR)	AVAILABLE STANDARD FLOW RATE GPM (LPM)													BASE		SHUT-OFF	HANDLE	TEETH			MODEL															
		15 (57)	30 (114)	45 (170)	60 (227)	75 (284)	95 (360)	125 (473)	150 (568)	175 (662)	185 (700)	200 (757)	250 (946)	275 (1041)	300 (1136)	325 (1230)			350 (1325)	Rigid	Swivel		Free Swivel	Long	Short	Twist	Ball	Tab	Horseshoe	Spinning Plastic	Molded Urethane	Cut Metal					
																																	TYPE	LENGTH			
1"	100 (6.89)	•	•	•	•													s																	4000-04		
	50 (3.45)																		o	s																4000-14	
	75 (5.17)																																				4000-14HR
1.5"	100 (6.89)				•	•	•	•	•	•	•	•	•	•	•	•	•	•																			4000-19
	50 (3.45)																																				4000-22
	75 (5.17)																																				4000-24
	100 (6.89)																																				4000-24
	50 (3.45)																																				4000-22
	75 (5.17)																																				4000-22
	100 (6.89)																																				4000-24
	50 (3.45)																																				4000-24
	75 (5.17)																																				



Chief Tips

BASE SIZE	PSI (BAR)	AVAILABLE STANDARD FLOW RATE GPM (LPM)													BASE		SHUT-OFF	HANDLE	TEETH			MODEL																	
		15 (57)	30 (114)	45 (170)	60 (227)	75 (284)	95 (360)	125 (473)	150 (568)	175 (662)	185 (700)	200 (757)	250 (946)	275 (1041)	300 (1136)	325 (1230)			350 (1325)	Rigid	Swivel		Free Swivel	Long	Short	Twist	Ball	Tab	Horseshoe	Spinning Plastic	Molded Urethane	Cut Metal							
																																	TYPE	LENGTH					
1"	100 (6.89)	•	•	•	•															s						•	s	o	s						4000-02				
	50 (3.45)																																					4000-10	
	75 (5.17)																																						4000-12
1.5"	100 (6.89)				•	•	•	•	•	•	•	•	•	•	•	•	•	•																				4000-16	
	50 (3.45)																																					4000-20	
	75 (5.17)																																						4000-20
2.5"	100 (6.89)																																						4000-26
	50 (3.45)																																						4000-26
	75 (5.17)																																						4000-26



Chief Nozzles

Select-O-Matic®

Pressure-regulating Select-O-Matic® nozzles automatically adjust to fluctuating water flow to maintain effective pressure and a consistent fire stream in all flow ranges. Our patented, completely unobstructed waterway allows more gpm at lower pressures than any competitive brand. All models flush easily without shutting down and provide constant flow on either fog or straight stream, making them ideal for the application of AFFF foam. Corrosion resistant; no lubrication required.



British Standard Parallel Pipe (BSPP) and British Instantaneous (BS336) base options available.

HANDLINE NOZZLES



SELECT-O-MATIC®

HANDLINE NOZZLES

1-7

Base Size	FLOW RANGES	PRESSURE	BASE					HANDLE		TEETH		MODEL
	GPM (LPM)		PSI (BAR)	TYPE			LENGTH		Tab	Horseshoe	Spinning	
		Rigid		Swivel	Free Swivel	Long	Short					
1"	10-75 (38-284)	100 (6.89)		s						s		TSM-3F
	60-125 (227-475)	100 (6.89)	o	s						s	o	TSM-10F
1.5"	60-200 (227-757)	75 (5.17)	o	s						s		TSM-20FLP
		100 (6.89)	o	s						s	o	TSM-20F
	75-325 (284-1230)	75 (5.17)	o	s						s	o	TSM-30FLP
		100 (6.89)	o	s						s	o	TSM-30F
2.5"	75-325 (284-1230)	100 (6.89)		s						s	o	DTSM-30F

Select-O-Matic Tips



1"	10-75 (38-284)	100 (6.89)	o		s			s	o	s		SM-3F
	60-125 (227-475)	100 (6.89)	o	s	o			o	s	s	o	SM-10F
1.5"	60-200 (227-757)	75 (5.17)	o	s	o			o	s	s		SM-20FLP
		100 (6.89)	o	s	o			o	s	s	o	SM-20F
	75-325 (284-1230)	75 (5.17)	o	s	o			o	s	s	o	SM-30FLP
		100 (6.89)	o	s	o			o	s	s	o	SM-30F
2.5"	75-325 (284-1230)	75 (5.17)		s	o	s	o	o	s	s	o	DSM-30FLP
		100 (6.89)		s	o	s	o	o	s	s	o	DSM-30F

Select-O-Matic Nozzles









1"	10-75 (38-284)	100 (6.89)	o		s			s	o	s		SM-3FG
	60-125 (227-475)	100 (6.89)	o	s	o			o	s	s	o	SM-10FG
1.5"	60-200 (227-757)	75 (5.17)	o	o	s			o	s	s		SM-20FGLP
		100 (6.89)	o	o	s			o	s	s	o	SM-20FG
	75-325 (284-1230)	75 (5.17)	o	o	s			o	s	s	o	SM-30FGLP
		100 (6.89)	o	o	s			o	s	s	o	SM-30FG
2.5"	75-325 (284-1230)	75 (5.17)		o	s	s	o	o	s	s	o	DSM-30FGLP
		100 (6.89)		s	o	s	o	o	s	s	o	DSM-30FG

Key: s = standard o = option

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



OPTIONS

HANDLES		MOLDED URETHANE TEETH	
TAB 	HORSESHOE 		
BASES		COLORS	
LONG 	SHORT 		<p><i>Color options available for pistol grip, bumper, and handle. Glow available for bumper only. Retrofit kit available for Glow bumper. White bumper not available.</i></p> <p><i>Chief™ nozzle comes standard with an orange bumper, chrome handle, and natural Elk-O-Lite® pistol grip.</i></p>
THREADS			
<p><i>All nozzles are NHT unless otherwise specified. See index T-13 for optional base threads, including British instantaneous.</i></p>			

ADDITIONAL INFORMATION

PART NAME	PAGE #
<i>Thread Information</i>	<i>T-13</i>
<i>Nozzle Flow Data</i>	<i>T-2</i>
<i>Hose and Nozzle Accessories</i>	<i>2-1</i>
<i>Foam Expansion Tubes</i>	<i>2-2</i>

HANDLINE NOZZLES



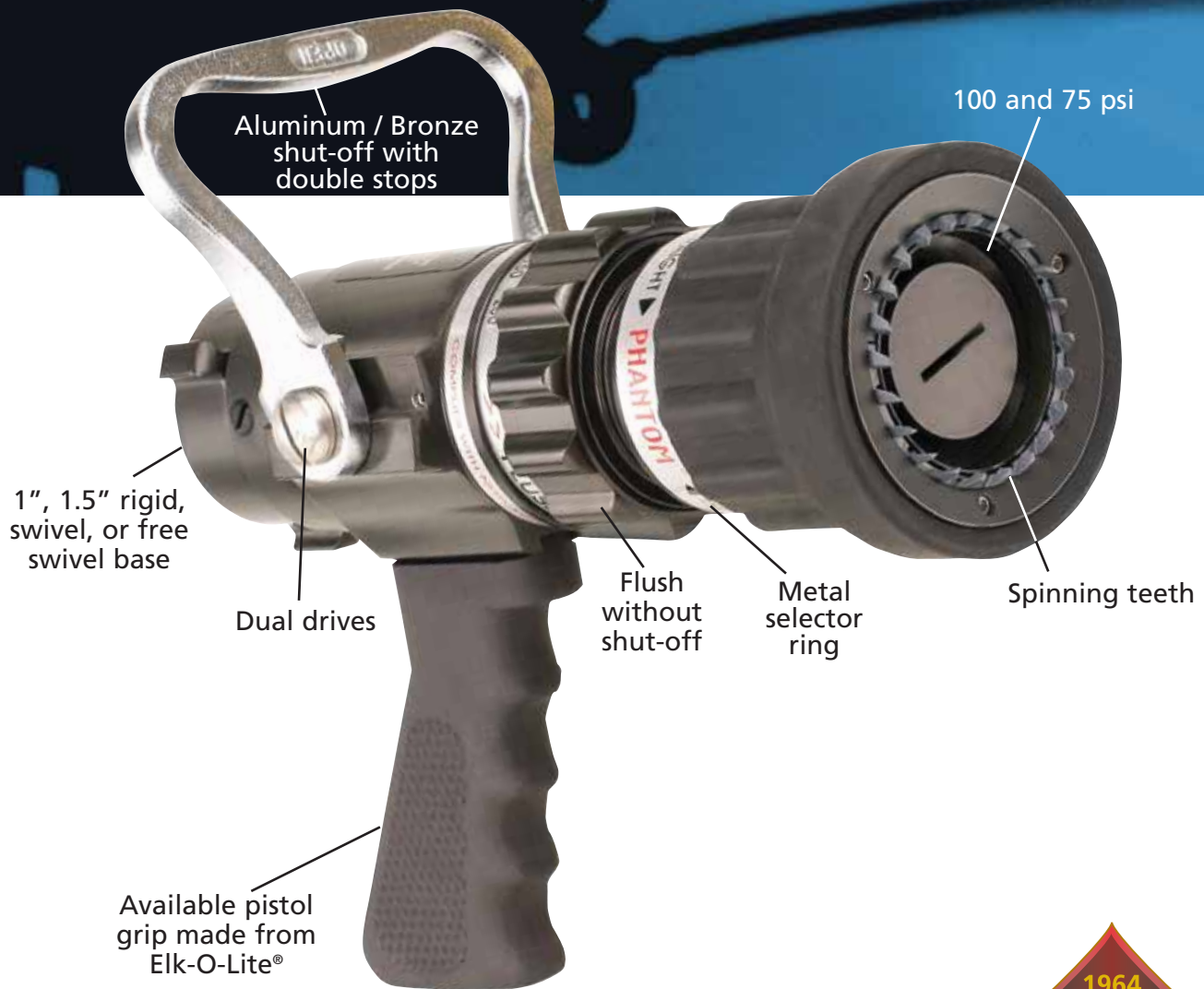
PHANTOM®

Phantom®

The selectable gallonage Phantom® lets the firefighter select the appropriate flow. The wide selection range standard with the Phantom® makes it one nozzle for every use from brush to interior attack. The Phantom® is designed for reliable performance with rugged metal selector ring and dual drive metal ball shut-off. Available standard in 100 psi and true 75 psi models.

HANDLINE NOZZLES

1-9



British Standard Parallel Pipe (BSPP) and British Instantaneous (BS336) base options available.

HANDLINE NOZZLES

PHANTOM®

HANDLINE NOZZLES

1-10



Base Size	FLOW RATE	PRESSURE	BASE			SHUT-OFF		HANDLE			TEETH	MODEL	
	GPM (LPM)	PSI (BAR)	Rigid	Swivel	Free Swivel	Twist	Ball	Tab	Horseshoe	Spinning			
1"	15/30/45/60 (57/114/170/227)	100 (6.89)	s								s	TPSFS-HP	
			s				•				s	TPSFS-HPT	
1.5"	30/60/95/125/150/200 (114/227/360/473/568/757)	100 (6.89)		s							s	TSFM-HP	
				s			•				s	TSFM-HPT	
		75 (5.17)		s								s	TSFM-LP
				s				•				s	TSFM-LPT
1"	15/30/45/60 (57/114/170/227)	100 (6.89)			s		•	s		s		PSFS-HP	
1.5"	30/60/95/125/150/200 (114/227/360/473/568/757)	100 (6.89)		s	o		•	o	s	s		SFM-HP	
		75 (5.17)		s	o		•	o	s	s		SFM-LP	
1"	15/30/45/60 (57/114/170/227)	100 (6.89)			s		•	s		s		PSFS-HPG	
1.5"	30/60/95/125/150/200 (114/227/360/473/568/757)	100 (6.89)		o	s		•	o	s	s		SFM-HPG	
		75 (5.17)		o	s		•	o	s	s		SFM-LPG	



Key: s = standard o = option

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

OPTIONS

HANDLES		COLORS						
TAB 	HORSESHOE 	black	red	orange	yellow	Glow	green	blue
THREADS All nozzles are NHT unless otherwise specified. See index T-13 for optional base threads, including British instantaneous.		Color options available for pistol grip, bumper, and handle. Glow available for bumper only. Retrofit kit available for Glow bumper. White bumper not available. Phantom® nozzle standards are a black bumper, rough chrome handle, and natural Elk-O-Lite® pistol grip.						

HANDLINE NOZZLES



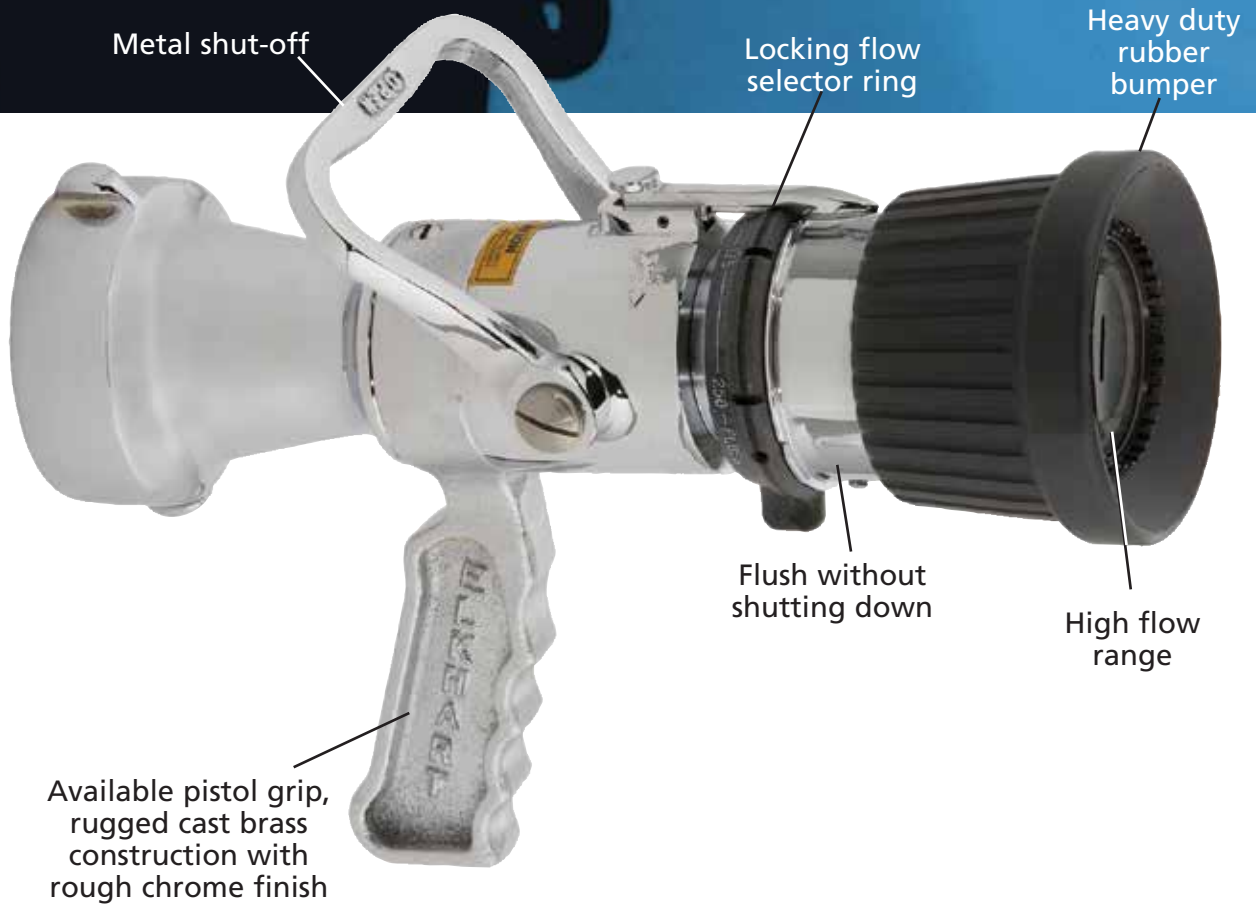
SELECT-O-FLOW®

Select-O-Flow®

Select-O-Flow®, the original selectable gallonage nozzle, is similar in function to the Phantom® — allowing the firefighter to select the appropriate flow. The Select-O-Flow® range goes as high as 250 gpm.

HANDLINE NOZZLES

1-11



British Standard Parallel Pipe (BSPP) and British Instantaneous (BS336) base options available.

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HANDLINE NOZZLES

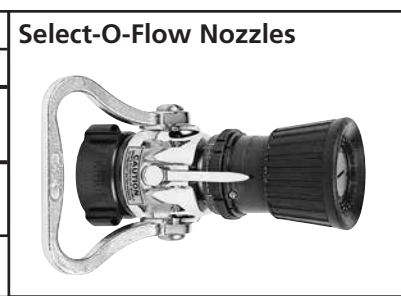
SELECT-O-FLOW®

HANDLINE NOZZLES

1-12

Base Size	FLOW RATE GPM (LPM) PSI (BAR) 100 (6.89)	SHUT-OFF		HANDLE		BASE			TEETH			DIMENSIONS		MODEL
		Twist	Ball	Tab	Horseshoe	Rigid	Swivel	Free Swivel	Molded Urethane	Spinning	Rigid Metal	Length (Inches)	Weight (Lbs.)	
1.5"	40/60/95/125 (151/227/360/473)	•					s				s	6.50	2.75	TSFL-O
	125/175/250 (473/662/946)	•					s				s	7.00	5.50	TSF
1.5"	40/60/95/125 (151/227/360/473)		•	o	s		s	o	o	s		7.625	7.75	SFL-B
	125/175/250 (473/662/946)		•		s	o	s	o			s	7.00	3.75	SFL-O
1.5"	125/175/250 (473/662/946)		•		s	o	s	o			s	8.00	8.00	SF
	125/175/250 (473/662/946)		•		s	o	s	o			s	10.75	10.00	DSF
1.5"	40/60/95/125 (151/227/360/473)		•	o	s		s	o	s			8.375	9.625	SFL-BG
	125/175/250 (473/662/946)		•		s	o	o	s			s	10.00	4.875	SFL-OG
1.5"	125/175/250 (473/662/946)		•		s	o	o	s			s	11.25	8.875	SF-G
	125/175/250 (473/662/946)		•		s	o	o	s			s	13.875	10.875	DSF-G

Key: s = standard o = option



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

OPTIONS

HANDLES

TAB

HORSESHOE



- SFL-B, SFL-BG, SFL-O, SFL-OG all feature aluminum/bronze shut-off handles
- DSF, DSFG, SF, SF-G, STDSF, SF-800 all feature manganese/bronze shut-off handles

MOLDED URETHANE TEETH



THREADS

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

HANDLINE NOZZLES



MYSTERY®

Mystery®

The Mystery® Nozzle incorporates a twist-type shut-off, opening in straight stream and producing a flow from straight stream to wide fog. In combination with a B-375A ball shut-off, the Mystery® Nozzle promotes an extremely convenient method of advancing hoselines. Simply close the ball shut-off, remove the Mystery® tip, attach additional hose, and then reattach the tip at the end of the line. The tip's built-in shut-off allow for the line to be advanced rapidly without bringing in an additional nozzle.

HANDLINE NOZZLES

1-13



British Standard Parallel Pipe (BSPP) base options available.

Base Size	AVAILABLE STANDARD FLOW RATE GPM (LPM)						SHUT-OFF	BASE			TEETH	DIMENSIONS		MODEL			
	60 (227)	95 (360)	125 (473)	170 (644)	200 (757)	250 (946)		Twist	Ball	Rigid		Swivel	Free Swivel		Cut Metal	Length (Inches)	Weight (Lbs.)
	PSI (BAR)																
1.5"	•	•	•	•	•	•	•		s			s	4.625	1.375	L-205-BA		
	•	•	•	•	•	•	•		s	o		s	7.125	3.25	205-BA		
	•	•	•	•	•	•	•		s			s	7.50	3.50	D-205-BA		

MYSTERY TIPS



Key: s = standard o = option

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

THREADS

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

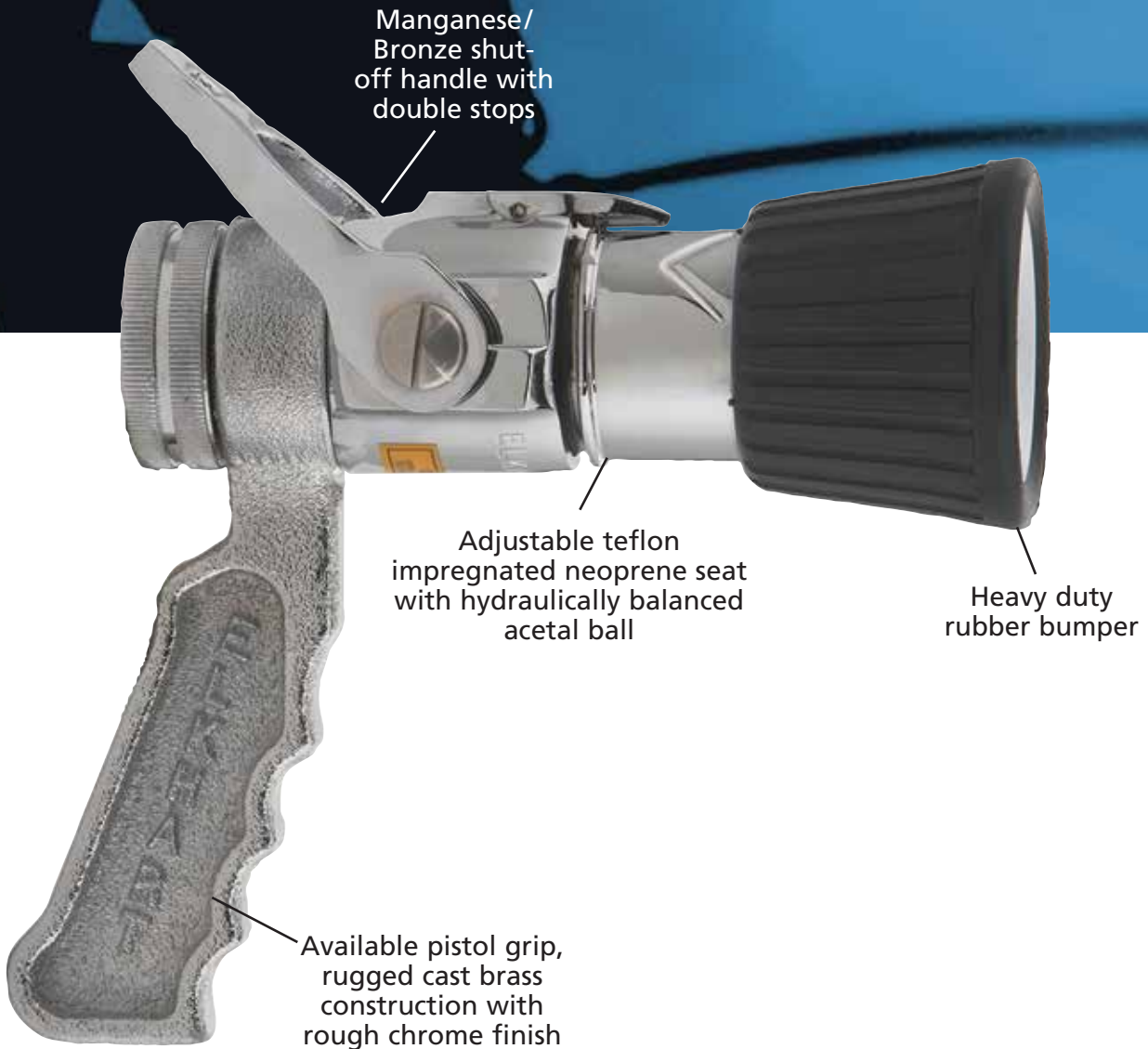
HANDLINE NOZZLES



SELECT-O-STREAM®

Select-O-Stream®

An industry standard for over 40 years, the Select-O-Stream® delivers constant gallonage at every pattern level, from straight stream to full fog. The rugged all brass construction with chrome finish has a proven record of standing up to corrosive conditions. The variety of available gpm options with the Select-O-Stream® allows for customized choices to match the needs of fire professionals.



HANDLINE NOZZLES

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British Standard Parallel Pipe (BSPP) and British Instantaneous (BS336) base options available.

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HANDLINE NOZZLES

SELECT-O-STREAM®

Base Size	AVAILABLE STANDARD FLOW RATES GPM (LPM)					GRIP	FINISH		HANDLE	BASE			TEETH	DIMENSIONS		MODEL	
	60 (227)	95 (360)	125 (473)	170 (644)	250 (946)		Satin Brass	Chrome-Plated		Rigid	Swivel	Free Swivel		Cut Metal	Length (Inches)		Weight (Lbs.)
	PSI (BAR) 100 (6.89)																
1.5"	•	•	•			•	s	o	s	o	s	o	s	7.00	5.50	L-O	
	•	•	•				s	o	s			s	s	7.75	6.375	L-OG	
2.5"				•	•		s	o	s	o	s	o	s	10.625	10.375	D	

Key: s = standard o = option

THREADS

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

L-O & D



L-OG



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

HANDLINE NOZZLES



INDUSTRIAL & ELECTRICAL FOG

HANDLINE NOZZLES

Industrial & Electrical Fog

Our industrial fog nozzles were created to handle the rigors of industrial needs in refineries, chemical plants, office complexes and other on-site situations. Several different materials are available to suit every need, and most nozzles are U.L. listed and/or FM approved.

The fog nozzles with the electrical specification in the chart are designed to be used on class "C" hazards and utilize only fog capabilities in combating blazes at 10' or more from live electrical equipment and/or circuits with voltage up to 250,000. All other industrial fog nozzles can be used in either straight stream or fog combinations.



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British Standard Parallel Pipe (BSPP) and British Instantaneous (BS336) base options available.



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HANDLINE NOZZLES

INDUSTRIAL & ELECTRICAL FOG

Base Size	AVAILABLE STANDARD FLOW RATES GPM (LPM)							FLOW TYPE	SHUT-OFF		CERT.	BASE			MATERIAL / FINISH				DIMENSIONS		MODEL	FIGURE						
	12 (45)	23 (87)	60 (227)	75 (284)	95 (360)	125 (473)	170 (644)		250 (946)	Fixed Flow		Variable Flow	Twist	Ball	Electrical	FM Approved	U.L. Listed	Rigid	Swivel	Free Swivel			Brass		Polycarbonate	Elk-O-Lite®	Length (Inches)	Weight (Lbs.)
	PSI (BAR) 100 (6.89)								S														O	S				
1"	•	•						•		•				•	s				s	o			4.50	2.50	S-205-B	1		
1.5"			•		•	•		•		•				•	s				s	o			5.00	2.875	L-205-B	3		
			•		•	•		•		•				•	s				s	o			4.75	4.125	L-200	2		
				•		•		•		•				•	s						s		4.875	0.375	1575	4		
					•			•		•				•	s				s	o			7.063	5.625	205-B	6		
					•			•		•				•	s				s	o			5.00	2.875	L-205-EB	3		
					•			•		•				•	s				s	o			3.00	1.50	L-206-T			
					•			•		•				•	s						s		4.875	0.375	1575-E	4		
					•			•		•				•	s		s				s		7.375	2.875	NSL	5		
2.5"						•	•	•		•				•	s				s	o			8.313	7.375	D-205-B	6		
						•	•	•		•				•	s				s	o			11.563	8.75	D-200	2		
						•	•	•		•				•	o	s	o		s	o			7.75	6.375	D-E			
						•	•	•		•				•	s				s	o			8.313	7.375	D-205-EB	6		

Key: s = standard o = option

FOG NOZZLE CONFIGURATIONS



OPTIONS
THREADS
<i>All nozzles are NHT unless otherwise specified. See index T-13 for optional base threads, including British instantaneous.</i>
HANDLES
<i>NSL feature aluminum/bronze shut-off handles.</i>

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

HANDLINE NOZZLES

1-18

HANDLINE NOZZLES



MARINE

HANDLINE NOZZLES

Marine

These handline nozzles are specifically designed and manufactured for the unique firefighting challenges of a marine environment. They utilize military spec, corrosion resistant cast brass construction and are ideal for the application of AFFF. The constant flow technology, combined with their durable construction, make them optimal for use in the shipping industry, in refineries and for off-shore drilling or production rigs, as well as within chemical complexes.

Most models meet the stringent performance requirements of the U.S. Navy.

Manganese/Bronze
horseshoe handle

Acetal ball with self-adjusting
UHMWPE seat (most models)

Flush without
shutting down

85-5-5-5 "Marine
Brass" construction

Cut metal teeth

Available pistol grip
is 85-5-5-5 brass



British Standard Parallel Pipe (BSPP) and British Instantaneous (BS336) base options available.

Base Size	AVAILABLE FLOW RATE GPM (LPM)			SHUT-OFF	BASE			TEETH	RATING			DIMENSIONS		MODEL		
	95 (360)	125 (473)	250 (946)		Ball	Rigid	Swivel		Free Swivel	Cut Metal	Complies with MIL*	Complies with USCG**	FM Approved		Length (Inches)	Weight (Lbs.)
	PSI (BAR)															
1.5"	•	•		•			s	s				7.375	6.50	SFL-N		
	•			•			s	s	•	•		8.06	6.92	SFL-CG-95		
1.5"	•			•			s	s	•			7.375	7.625	SFL-GN-95		
		•		•			s	s	•			7.375	7.625	SFL-GN-125		
	•			•			s	s		•		8.31	8.17	SFL-GN-95-SPL		
	•			•			s	s	•	•		8.31	8.25	SFL-GCG-95		
2.5"			•	•		s	s	•			12.5	13.5	DSF-N			

MARINE NOZZLES



MARINE NOZZLE with PISTOL GRIP



DSF-N



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

Key s = standard o = option
 * Complies with MIL-N-24408E Type 1
 ** Complies with USCG Approval Number: 162.027/12/0-IAW CFR46 162.027

OPTIONS
<p>THREADS</p> <p>All nozzles are NHT unless otherwise specified. See index T-13 for optional base threads, including British instantaneous.</p>
<p>HANDLES</p> <ul style="list-style-type: none"> SFL-N feature manganese/bronze shut-off handles SFL-CG-95, SFL-GCG-95, SFL-GN series, and DSF-N feature silicon/bronze shut-off handles



BALL SHUT-OFFS & PLAYPIPES

Ball Shut-offs & Playpipes

Elkhart Brass Ball Shut-offs and Playpipes are designed and constructed for rugged use and reliable performance as well as an excellent foundation for your break-apart nozzle needs using either smooth bore or fog nozzles. Elkhart Brass Ball Shut-offs and Playpipes are available with a variety of options, including built-in smooth bores which can be used with a fog nozzle tip for maximum versatility.

HANDLINE NOZZLES

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British Standard Parallel Pipe (BSPP) and British Instantaneous (BS336) base options available.

HANDLINE NOZZLES

BALL SHUT-OFFS & PLAYPIPES

BALL SHUT-OFFS & PLAYPIPES

Inlet Size	Outlet Size	WATERWAY SIZE	AVAILABLE INTEGRAL SMOOTH BORE DISCHARGE SIZE							BALL TYPES		SEAT	DRIVE	GRIP				BASE				HANDLE		MATERIAL	MODEL	FIGURE												
			1"	1 3/8"	1 1/2"	1 3/4"	1/2"	7/8"	15/16"	1"	1 1/8"			1 1/4"	Single Cutaway	Double Cutaway	Full Round	Single Adjustable	Double Non-Adjustable	Single	Double	Pistol Grip	Playpipe				Ladderhook	TYPE		LENGTH		Tab	Horseshoe	Brass	Elk-O-Lite®			
																												Rigid	Swivel	Free Swivel	Long					Short	S	O
1"	1"										S										S	O			S	O			SB-275	1								
												S										O	S			S	O			SB-275-A	1							
													S									O	S			S	O			SB-275-AT	2							
														S								O	S			S	O			SB-275-G	3							
															S							O	S			S	O			SB-275-GA	3							
																S						O	S			S	O			SB-275-GAT	4							
1.5"	1.5"											S									O	S	O			O	S			LB-275	1							
													S								O	S	O			O	S			LB-275-A	1							
														S							O	O	S			O	S			LB-275-GA	3							
															S						O	S	O			O	S			B-275	1							
																S					O	S	O			O	S			B-275-A	1							
																	S				O	O	S			O	S			B-275-GA	3							
														S	O	O						S	O			O	S			B-375-A	1							
															S							S	O			O	S			B-375-AT	2							
															S	O	O					O	S			O	S			B-375-GA	3							
																S						O	S			O	S			B-375-GAT	4							
2.5"	1.5"											S								O	S	O			O	S			DB-275	1								
													S								O	S	O	S	O	O	S			DB-275-A	1							
														S							O	O	S	S	O	O	S			DB-275-GA	3							
														S	O	O						S	S	O	O	S			DB-375-A	1								
															S	O	O						S	S	O	O	S			DB-375-GA	3							
															S							S	S	O	O	S			DB-375-AT	2								
																S						S	S	O	O	S			DB-375-GAT	4								
																S						S				S				B-278	5							
																S						S				S				B-278-AT	5							
																S						S				S				B-278-L	5							
2.5"	2.5"																				S								279-L	6								
																						S							279-LA	6								
																						S							JB-275	1								
																						S						JB-275-A	1									
																						S						JB-275-GA	3									

Key: s = standard o = option
 *B-278 (without ladderhook) + ST-190-BA (Triple Stack Tip)

HANDLINE NOZZLES

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HANDLINE NOZZLES



BALL SHUT-OFFS & PLAYPIPES

HANDLINE NOZZLES

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BALL SHUT-OFFS AND PLAYPIPES CONFIGURATIONS

Figure 1	Figure 2
SHUT-OFF 	SHUT-OFF with INTEGRAL SMOOTH BORE 
Figure 3	Figure 4
SHUT-OFF with PISTOL GRIP 	SHUT-OFF with PISTOL GRIP & INTEGRAL SMOOTH BORE 
Figure 5	Figure 6
PLAYPIPE with SHUT-OFF 	PLAYPIPE without SHUT-OFF 

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

DOUBLE CUT-AWAY

Ball is hydraulically balanced for a smooth transition from closed to open and open to closed.

FULL ROUND

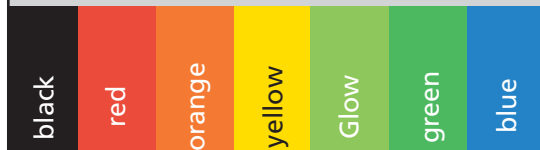
Ball has a solid bore for optimal flow characteristics and stream quality — particularly for smooth bores and shut-offs with built-in smooth bores.

SINGLE CUT-AWAY

Combines the features of smooth operation and excellent stream quality.

OPTIONS

COLORS



Color options available for pistol grip and handle. Ball shut-offs standards are a rough chrome handle and natural Elk-O-Lite® pistol grip.

HANDLES

TAB



HORSESHOE



THREADS

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

Smooth Bore & Deluge Tips

For maximum reach, smooth bore tips create concentrated waterflow for use with either handlines or monitors while using lower pressures of 50 or 80 psi. Elkhart offers a wide variety of discharge sizes to suit any need. Additionally, Elkhart's stacked tips allow you to customize the smooth bore to meet your needs in the field.



HANDLINE NOZZLES



SMOOTH BORE & DELUGE TIPS

HANDLINE NOZZLES

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SMOOTH BORE SINGLE TIP

Base Size	AVAILABLE DISCHARGE DIAMETER																			FINISH				DIMENSIONS		MODEL	FIGURE					
	1/8"	1/4"	3/16"	3/8"	1/2"	5/8"	3/4"	7/8"	1 1/16"	1"	1 1/16"	1 1/8"	1 1/4"	1 3/8"	1 1/2"	1 5/8"	1 3/4"	1 7/8"	2"	2 1/4"	2 1/2"	3"	Brass	Chrome	Elk-O-Lite®			Slug	w/bumper	Length (Inches)	Weight (Lbs.)	
	GPM @ 50 PSI									GPM @ 80 PSI																						
1"	•	•	•	•	•																		s	o		•	4.50	1.0	S-185B			
1.5"					•	•																		s	o		•	4.75	1.0	185-A	2	
						•	•																		s	•	4.50	1.50	185-B	3		
							•	•																		s		2.625	0.75	186A	1	
								•	•																	s		4.50	0.563	187A	4	
									•	•																s	•	7.00	0.875	188A	5	
2.5"										•															s	o			10.0	0.68	187CAF	6
											•														s			9.0	1.625	181A		
3.5"																									s	o			9.0	7.125	181-3	
																									s			12.0	4.0	181-3A	8	
5"																									s			17.06	6.3	181-5A	9	

Key: s = standard o = option

SMOOTH BORE STACKED TIP

Base Size	AVAILABLE 1ST DISCHARGE						AVAILABLE 2ND DISCHARGE						AVAILABLE 3RD DISCHARGE				AVAIL. 4TH DISCHARGE	FINISH				DIMENSIONS		MODEL	FIGURE								
	3/4"	5/8"	1"	1 1/8"	1 1/4"	1 1/2"	1 3/4"	2"	2 1/2"	1/2"	5/8"	1"	1 1/8"	1 1/4"	1 1/2"	1 3/4"	2"	2 1/4"	3/4"	1"	1 1/8"	1 3/8"	1 1/2"			2"	1 3/8"	Brass	Chrome	Elk-O-Lite®	Leader Threading*	Length (Inches)	Weight (Lbs.)
	GPM 50 PSI			GPM 80 PSI			GPM 50 PSI			GPM 80 PSI			GPM 50 PSI		GPM 80 PSI		GPM 80 PSI																
1.5"	•	•								•	•															s			6.625	0.688	ST-185A	10	
																										s	•		7.625	0.875	ST-185A-IFD		
																										s			9.0	4.375	ST-190B		
																										s	•		9.0	1.125	ST-190BA		
2.5"																										s	o			14.0	7.25	ST-191	
																										s	o			10.75	4.0	ST-191-1	
																										s			10.50	2.0	ST-191A		
																										s			9.625	1.675	ST-197A	13	
3.5"																										s			12.875	2.125	ST-194	11	
																										s							12

* 1.5 male for line extension

OPTIONS

THREADS

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

PRESSURE

All pressure specified for smooth bores at pitot pressure.

HANDLINE NOZZLES

SMOOTH BORE & DELUGE TIPS







Figure 1	SLUG	
		<p>186-A</p> <ul style="list-style-type: none"> • Leader threading <p><i>Fig. 1</i></p>
Figure 2	SINGLE SMOOTH BORE TIPS – HANDLINE	
		<p>185-A</p> <ul style="list-style-type: none"> • Leader threading • Bumper <p><i>Fig. 2</i></p>
Figure 3	SINGLE SMOOTH BORE TIPS – HANDLINE	
		<p>185-B</p> <ul style="list-style-type: none"> • Bumper <p><i>Fig. 3</i></p>
Figure 4	SINGLE SMOOTH BORE TIPS – HANDLINE	
		<p>187-A</p> <ul style="list-style-type: none"> • More compact than other tips <p><i>Fig. 4</i></p>
Figure 5	SINGLE SMOOTH BORE TIPS – HANDLINE	
		<p>188-A</p> <ul style="list-style-type: none"> • Longer tip for improved stream quality • Bumper <p><i>Fig. 5</i></p>
Figure 6	SINGLE SMOOTH BORE TIPS – HANDLINE/DELUGE	
		<p>187-CAF</p> <ul style="list-style-type: none"> • For applying CAF <p><i>Fig. 6</i></p>

Figure 7	SINGLE SMOOTH BORE TIPS – DELUGE	
		<p>181</p> <ul style="list-style-type: none"> • Classic deluge tip <p><i>Fig. 7</i></p>
Figure 8	SINGLE SMOOTH BORE TIPS – DELUGE	
		<p>181-3A</p> <ul style="list-style-type: none"> • Built-in stream shaper <p><i>Fig. 8</i></p>
Figure 9	SINGLE SMOOTH BORE TIPS – DELUGE	
		<p>181-5A</p> <p><i>Fig. 9</i></p>
Figure 10	STACKED SMOOTH BORE TIPS – HANDLINE	
		<p>ST-185-A</p> <p><i>Fig. 10</i></p>
Figure 11	STACKED SMOOTH BORE TIPS – MASTER STREAM	
		<p>ST-194</p> <ul style="list-style-type: none"> • Leader threading <p><i>Fig. 11</i></p>
Figure 12	STACKED SMOOTH BORE TIPS – MASTER STREAM	
		<p>ST-195</p> <ul style="list-style-type: none"> • Leader threading <p><i>Fig. 12</i></p>
Figure 13	STACKED SMOOTH BORE TIPS – MASTER STREAM	
		<p>ST-197-A</p> <ul style="list-style-type: none"> • Leader threading <p><i>Fig. 13</i></p>

HANDLINE NOZZLES

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HANDLINE NOZZLES



STREAM SHAPERS

HANDLINE NOZZLES

Stream Shapers

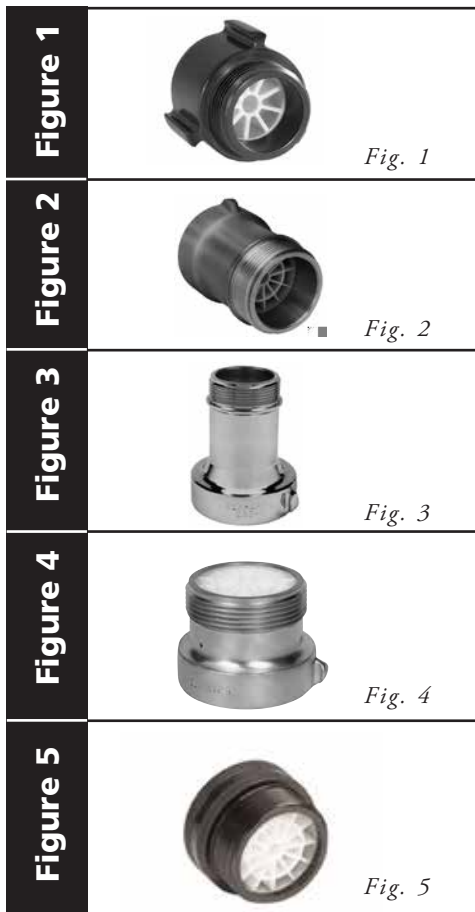
Used to remove turbulence from a water flow, Elkhart Brass has stream shapers available in a variety of sizes and several materials to suit a variety of situations. Our new mini stream shapers reduce bulk while still providing excellent stream. Most Elkhart stream shapers feature replaceable vanes for easy repair.

Choice of materials



British Standard Parallel Pipe (BSPP) base options available.

STREAM SHAPERS CONFIGURATIONS



	Inlet Size	Outlet Size	MATERIAL/FINISH			DIMENSIONS		MODEL	FIGURE
			BRASS		Elk-O-Lite®	Length (Inches)	Weight (Lbs.)		
			Satin	Chrome					
Figure 1	1.5"	1.5"			s	2.5	0.5	281A	1
					s	1.5	0.2	281A-Mini	5
Figure 2	2.5"	2.5"	s	o		4.5	3.3	282B	2
					s	4.5	1.5	282A	1
					s	2.3	0.5	282A-Mini	5
Figure 3	3.5"	2.5"	s	o		5.8	3.5	283B	3
					s	5.8	1.5	283A	3
Figure 4	3.5"	3.5"	s	o		3.5	3.5	284B	4
					s	3.5	1.5	284A	4
Figure 5	5"	5"			s	5.1	1.7	284-5A	4

Key s = standard o = option

OPTIONS THREADS

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



S-205-BAF

- For forestry use
- 1.0" rigid base in NHT or NPSH; 0.75" GHT available
- Available in 12 or 23 gpm (45 or 87 lpm)
- Twist shut-off
- For use with pressure of up to 600 psi (41.37 bar)
- Straight stream to fog
- Elk-O-Lite® construction



222-1.5

- Wat-R-Wall
- 1.5" free swivel inlet, no outlet
- 100 gpm (380 lpm) @ 100 psi (6.89 bar)
- Brass construction with chrome plating
- Length: 8"
- Width: 10"
- Height: 7.25"
- Weight: 8 lbs.



222-2.5

- Wat-R-Wall
- 2.5" free swivel inlet, 2.5" outlet with cap and chain
- 100 gpm (380 lpm) @ 100 psi (6.89 bar)
- Brass construction with chrome plating
- Length: 8.25"
- Width: 10"
- Height: 8.25"
- Weight: 11.5 lbs.

HANDLINE NOZZLES



CELLAR / DISTRIBUTOR

HANDLINE NOZZLES

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CELLAR NOZZLE

SPECIFICATIONS	MODELS	
	LR	R
Base	1.5" F	2.5" F
GPM @ 100 PSI (6.89 BAR)	160 GPM (606 LPM)	350 GPM (1325 LPM)
Spray Diameter (Fog pattern)	20 Feet	55 Feet
Materials/Finish	Brass with chrome finish	



BRESNAN
DISTRIBUTOR
NOZZLE 193-6

SPECIFICATIONS	MODELS		
	193-6	193-6	193-9
Base	1.5" F	2.5" F	2.5" F
GPM @ 100 PSI (6.89 BAR)	140 GPM (530 LPM)	395 GPM (1495 LPM)	495 GPM (1874 LPM)
Spray Diameter (Fog pattern)	20 Feet	45 Feet	36 Feet
Materials/Finish	Brass with chrome finish		



BRESNAN
DISTRIBUTOR
NOZZLE 193-9



1.5" APPLICATOR FOR
CELLAR/BRESNAN
NOZZLE

SPECIFICATIONS	MODELS	
	A-1.5	A-2.5
Inlet	1.5" Free Swivel	2.5" Free Swivel
Outlet	1.5"	2.5"
Shut-off	Yes	No
Materials/Finish	Brass with chrome-plated finish	Elk-O-Lite® with red urethane enamel and anodized trim