

AKRON® PYROLITE® TURBOJET® NOZZLES

The Akron Turbojet® is a multiple gallonage nozzle providing flexibility and flow control. The Turbojet® is the nozzle of choice by firefighters worldwide.

- Constant gallonage nozzle (flow remains the same in all patterns)
- 100 psi rated standard - 75 psi optional with quality flow performance as low as 50 psi.
- Spinning turbine teeth
- Pistol grips and handles available in various colors
- Red reflective bands
- Computer engineered waterway
- Flush without changing pattern or shutting down
- Compatible with Class A and B foams
- 1" Turbojet designed for high pressure applications up to 580 psi.
- 1-1/2" Mid-Range, wide range and 2-1/2" Turbojets meet Insurance Services Office (ISO) Requirements



No. 1720



No. 1723



No. 1725



No. 1762



No. 2730

Ordering Information

Part No.	Swivel Inlet	GPM	Description
1" Turbojet Nozzles			
1701	1"	13-25-40-60	Nozzle (Not Shown)
1702	1"	13-25-40-60	Nozzle with pistol grip
1-1/2" Turbojet Nozzles			
1715	1-1/2"	30-60-95-125	Nozzle
1720	1-1/2"	30-60-95-125	Nozzle with pistol grip
Mid-Range Turbojet Nozzles			
1722	1-1/2"	95-125-150-200	Nozzle
1723	1-1/2"	95-125-150-200	Nozzle, with pistol grip
Wide-Range Turbojet Nozzles			
1762	1-1/2"	30-95-125-150-200	Nozzle
1763	1-1/2"	30-95-125-150-200	Nozzle with pistol grip
2-1/2" Turbojet Nozzles			
1725	2-1/2"	125-150-200-250	Nozzle
1733	2-1/2"	125-120-200-250	Nozzle with pistol grip
1736	2-1/2"	125-150-200-250	Nozzle, breakapart, with pistol grip, combination of No.1727 tip and No. 2126 shutoff
2730	2-1/2"	125-150-200-250	Tip with axial playpipe, combination of No. 1727 tip and No. 2390 playpipe



Add Colors to 1", 1-1/2", 2-1/2" Nozzles. A Rainbow of Colors are Available on New Nozzles at No Additional Charge on Handles and Pistol Grips. Specify: Blue (-BL), Green (-GR), Yellow (-YL), Gray (-GY), Orange (-OR), Red (-RD), White (-WT), (Black is standard). Color Options are Also Available for Easy Retrofit of existing Akron Nozzles.

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-25-

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AKRON® SABERJET® MULTI-PURPOSE NOZZLES

The First Truly Multi-Purpose Nozzle

For Nozzle Flow and Reach Data See Page 27

Features

- Lightweight Pyrolite® construction
- Fog flow - 135 gpm at 100 psi
- A variety of solid bore tip options (field changeable)
- Spinning teeth for full fog pattern
- Flush without shutting down
- Both single shutoff (SSO) and dual shutoff (DSO) designs available
- High visibility, user friendly operating labels
- Pistol grips and handles available in various colors
- Three position handle on single shutoff models
- Operates effectively from 50-100 psi.

Multiple Applications - SaberJet® Does Them All

- Interior
- Exterior
- High Rise
- CAFS
- Foam
- Direct Attack
- Indirect Attack
- Cooling
- Penetration
- Ventilation



Handline Nozzles



Fog



Solid Bore



Combination Stream
(Dual shutoff only)

Part No.	Swivel Inlet	Description	Type Shutoff	Tip Options	Flow @100 psi-gpm
1532	1-1/2"	Mid-range nozzle	Single	3/4", 7/8", 15/16", 1"	135
1533	1-1/2"	Mid-range nozzle with pistol grip	Single	3/4", 7/8", 15/16", 1"	135
1535	2-1/2"	Nozzle	Single	3/4", 7/8", 15/16", 1"	135
1536	2-1/2"	Nozzle with pistol grip	Single	3/4", 7/8", 15/16", 1"	135
1512	1"	Nozzle with pistol grip	Dual	3/8", 1/2", 5/8"	60
1513	1"	Nozzle	Dual	3/8", 1/2", 5/8"	60
1515	1-1/2"	Nozzle	Dual	3/8", 1/2", 5/8"	95
1520	1-1/2"	Nozzle with pistol grip	Dual	3/8", 1/2", 5/8"	95
1522	1-1/2"	Mid-range nozzle	Dual	3/4", 7/8", 15/16", 1"	135
1523	1-1/2"	Mid-range nozzle with pistol grip	Dual	3/4", 7/8", 15/16", 1"	135
1525	2-1/2"	Nozzle	Dual	3/4", 7/8", 15/16", 1"	135
1526	2-1/2"	Nozzle with pistol grip	Dual	3/4", 7/8", 15/16", 1"	135
1527	2-1/2"	Nozzle	Dual	1-1/8"	135
1528	2-1/2"	Nozzle with pistol grip	Dual	1-1/8"	135

DOOLEY TACKABERRY Fire and Rescue Equipment

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AKRON® SABERJET® NOZZLE FLOW & REACH CHARTS

SaberJet® Fog Flow

Nozzle Part No.	Inlet Pressure (psi)	Flow (gpm)
1512 1513	50	42
	75	52
	100	60
1515 1520	50	67
	75	82
	100	95
1522, 1523 1525, 1526 1532, 1533 1535, 1536	50	95
	75	118
	100	135



Handline Nozzles

SaberJet® Solid Bore Flows and Reach

Tip Size	Inlet Pressure (psi)	Flow (gpm)	Reach* (feet)	
			Effective	Overall
3/8"	50	23	57	67
	75	30	67	77
1/2"	50	45	67	77
	75	60	87	97
5/8"	50	75	87	97
	75	95	107	117
3/4"	50	108	108	122
	75	135	117	135
7/8"	50	155	135	144
	75	190	156	165
15/16"	50	187	139	146
	75	229	161	170
1"	50	216	146	155
	75	266	165	170

*Note: Reach figures are measured with nozzle at 32 deg. above horizontal. Overall reach is considered where the farthest droplets of water fall, in still conditions. Effective reach is considered the farthest portion of the water droplet footprint where fire fighting can be accomplished, in still conditions. Actual results will vary depending on conditions.

SaberJet® Combination Flows

Nozzle Part No.	Tip Size	Inlet Pressure (psi)	Flow (gpm)
1512 1513	3/8"	50	66
		75	78
	1/2"	50	88
		75	107
1515 1520	5/8"	50	108
		75	136
	3/8"	50	94
		75	118
1522, 1523, 1525, 1526	1/2"	50	110
		75	140
	5/8"	50	136
		75	170
1522, 1523, 1525, 1526	3/4"	50	199
		75	247
	7/8"	50	232
		75	289
	15/16"	50	250
		75	313
1"	50	270	
	75	334	

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AKRON® PYROLITE® ASSAULT™ 1" NOZZLES

Akron® Assault™ Nozzles combine the quality stream performance at a variety of pressures with the simplicity of a single gallonage nozzle to provide one of the most versatile and easy to use nozzles in today's fire service. So, if you were sold on the automatic concept but your nozzles never quite perform the way you thought - look no further? Make the Assault™ "Your Choice Behind the Line of Fire."

The Assault™ Nozzle Provides All the Unique Benefits of an Automatic Nozzle Including:

- Control of the flow by the pump operator
- Better stream performance over a wide range of flows
- Simpler nozzle operation

The Assault™ Provides the Revolutionary Solutions of Tomorrow

- Better Stream performance at pressures as low as 50 psi
- Simplified nozzle training
- Affordably priced
- No recalibration required
- Lower maintenance due to simple, durable design
- Yellow reflective bands

1" Assault™ Nozzles

- 100 psi
- No.'s 4801, 4802, and 4804 can be used for high pressure applications up to 580 psi
- Flow Range 13-60 gpm
- No.'s 4801, 4802, and 4804 must specify flow option
- 1" swivel inlet

Ordering Information

Part No.	Description
4801	1" Assault™ nozzle with spinning teeth, flow range 13, 25 or 40 gpm
4802	1" Assault™ nozzle with pistol grip and spinning teeth, flow range 13, 25, or 40 gpm
4804	1" Assault™ tip with spinning teeth, flow range 13, 25 or 40 gpm
4805	1" Assault™ tip with twist shutoff and spinning teeth, flow range 25 gpm

Use with Quick-Attack foam tube:

No. 755 for - 4801 thru 4805 nozzles

No. 777 for - 4712, 4713, 4812 and 4813 nozzles



Wide, dense fog delivers superior radiant heat protection...

Tight, hard-hitting straight stream for maximum reach and penetration...



For Nozzle Pressure and Flow Data See Page 31



No. 4802

Ordering Information

Part No.	Description
4712	1" Assault™ nozzle with pistol grip and molded teeth, flow range 60 gpm
4812	1" Assault™ nozzle with pistol grip and spinning teeth, flow range 60 gpm
4713	1" Assault™ nozzle with molded teeth, flow range 60 gpm
4813	1" Assault™ nozzle with spinning teeth, flow range 60 gpm

Add colors to Assault™ Nozzles. A rainbow of colors are available on new nozzles at no additional charge on handles and pistol grips. specify: Blue (-BL), Green (-GR), Yellow (-YL), Gray (-GY), Orange (-OR), Red (-RD), White (-WT), (Black is standard). Color options are also available for easy retrofit of existing Akron nozzles.

1-1/2" Assault™ Nozzles

- New and improved - smaller and lighter
- Specify pressure and flow, see page 31 for flow / reach charts
- Spinning teeth or molded teeth
- Pistol grips and handles available in various colors
- Flow label on the baffle for easier identification of flow setting
- Meet Insurance Services Office (ISO) Requirements
- Can be used with Quick-Attack foam tube No. 777



Handline Nozzles

Ordering Information

Part No.	Description
4714	1-1/2" Assault™ tip with molded teeth
4814	1-1/2" Assault™ tip with spinning teeth
4715	1-1/2" Assault™ nozzle with molded teeth
4815	1-1/2" Assault™ nozzle with spinning teeth
4716	1-1/2" Assault™ breakapart nozzle with molded teeth, combination of No. 4717 tip and No. 2115 shutoff
4816	1-1/2" Assault™ breakapart nozzle with spinning teeth, combination of No. 4817 tip and No. 2115 shutoff
4717	1-1/2" Assault™ tip with twist shutoff and molded teeth
4817	1-1/2" Assault™ tip with twist shutoff and spinning teeth
4718	1-1/2" Assault™ breakapart nozzle with pistol grip and molded teeth, combination of No. 4717 tip and No. 2116 shutoff
4818	1-1/2" Assault™ breakapart nozzle with pistol grip and spinning teeth, combination of No. 4817 tip and No. 2116 shutoff
4819	1-1/2" Assault™ breakapart nozzle with spinning teeth, combination of No. 4817 tip and No. 2129 shutoff
4720	1-1/2" Assault™ nozzle with pistol grip and molded teeth
4820	1-1/2" Assault™ nozzle with pistol grip and spinning teeth
4821	1-1/2" Assault™ breakapart nozzle with pistol grip and spinning teeth, combination of No. 4817 tip and No. 2127 shutoff



No. 4820



No. 4817

All Assaults are NFPA
1964 Compliant
2003 Edition

Mid-Range Assault™ Nozzles

- Specify pressure and flow
- New and Improved - smaller and lighter
- Flow range 150-225 gpm
- Can be used with Quick-Attack foam tube No. 777

Ordering Information

Part No.	Description
4862	1-1/2" mid-range Assault™ nozzle
4863	1-1/2" mid-range Assault™ nozzle with pistol grip
4864	1-1/2" mid-range Assault™ breakapart nozzle combination of No. 4867 tip and No. 2129 shutoff
4865	1-1/2" mid-range Assault™ breakapart nozzle with pistol grip, combination of No. 4867 tip and No. 2127 shutoff
4867	1-1/2" mid-range Assault™ tip with twist shutoff

2-1/2" Assault™ Nozzles

- Specify pressure and flow
- Flow Range 200-350 gpm

Ordering Information

Part No.	Description
4826	2-1/2" Assault™ nozzle with pistol grip and spinning teeth, 2-1/2" swivel inlet
4827	2-1/2" Assault™ tip with twist shutoff and spinning teeth, 1-1/2" swivel inlet
4830	2-1/2" Assault™ tip with axial playpipe 2-1/2" swivel inlet, combination of No. 4827 tip and No. 2390 playpipe
4836	2-1/2" Assault™ breakapart nozzle with pistol grip, 2-1/2" swivel inlet, combination of No. 4827 tip and No. 2126 shutoff
4837	2-1/2" Assault™ tip with shutoff and spinning teeth, 2-1/2" swivel inlet
4822	2-1/2" Assault™ nozzle with spinning teeth, 1-1/2" swivel inlet
4823	2-1/2" Assault™ nozzle with pistol grip and spinning teeth, 1-1/2" swivel inlet
4824	2-1/2" Assault™ tip with spinning teeth, 1-1/2" swivel inlet
4825	2-1/2" Assault™ nozzle with spinning teeth, 2-1/2" swivel inlet

For Nozzle Flow/Reach Charts See
Page 31

Mid-Range and 2-1/2" Assaults™
Meet Insurance Services Office (ISO)
Requirements



No. 4863



No. 4830

ASSAULT™ NOZZLE FLOW & REACH CHARTS

Flow/Reach Data

Assault™ Nozzles Rated at 100 psi

Nozzle Part No.	100 psi Flow Setting	Actual Flow			Straight Stream Reach* (feet) Effective			Straight Stream Reach* (feet) Overall		
		75 psi	100 psi	125 psi	75 psi	100 psi	125 psi	75 psi	100 psi	125 psi
4801, 4802 4804	13	11	13	15	57	67	74	67	77	84
	25	22	25	28	70	77	87	80	87	97
	40	35	40	45	77	85	97	87	95	107
4714, 4715 4717, 4720 4814, 4815 4817, 4820 4862, 4863 4866, 4867	95	82	95	106	87	117	127	107	127	137
	125	108	125	140	117	127	130	127	137	140
	150	130	150	168	137	142	155	147	152	165
	175	152	175	196	145	153	165	155	163	175
	200	173	200	224	130	145	164	140	155	174
4822, 4823 4824, 4825 4826, 4827 4837	200	173	200	224	140	170	175	150	180	185
	250	217	250	280	165	175	195	175	195	205
	300	260	300	335	165	195	205	175	205	215
	350	303	350	391	165	190	205	175	200	215

Flow/Reach Data

Assault™ Nozzles Rated at 75 psi

Nozzle Part No.	75 psi Flow Setting	Actual Flow			Straight Stream Reach* (feet) Effective			Straight Stream Reach* (feet) Overall		
		75 psi	100 psi	125 psi	75 psi	100 psi	125 psi	75 psi	100 psi	125 psi
4714, 4715 4717, 4720 4814, 4815 4817, 4820 4862, 4863 4866, 4867	95	95	110	123	107	125	127	117	135	137
	125	125	144	161	127	130	135	137	140	145
	150	150	173	194	127	140	145	137	150	155
	175	175	202	226	127	146	150	137	156	160
4822, 4823 4824, 4825 4826, 4827 4837	200	200	231	258	142	150	152	166	174	176
	250	250	289	323	145	156	158	168	176	178
	300	300	346	387	151	159	161	170	178	180

*Note: Reach figures are measured with nozzle at 32 deg. above horizontal. Overall reach is considered where the farthest droplets of water fall, in still conditions. Effective reach is considered the farthest portion of the water droplet footprint where fire fighting can be accomplished, in still conditions. Actual results will vary depending on conditions.

AKRON® ZERO TORQUE™ NOZZLES

The Zero Torque™ (ZT) is the first nozzle specifically designed with ergonomics, handling, control and reduced fire fighter fatigue in mind. The ZT naturally keeps the nozzle out in front of the fire fighter to allow for easier operation and better control, just as fire fighters are trained to do. In addition the pistol grip and inlet swivel are positioned to eliminate the reaction force torque found in all conventional pistol grip designs.

Conventional pistol grips nozzles are held at a position 3-1/2" to 4" below the center line of discharge, creating a natural torque which must be resisted by the fire fighter. The ZT is positioned to eliminate the torque, leaving only the straight reaction force for the fire fighter to resist.



Zero Torque™ w/Turbojet®

Superior Control:

The ZT nozzles extended design naturally keeps the nozzle out in front of the fire fighter to allow for easier operation and provide better overall control, just like fire fighters have been trained for years.

Reaction force is distributed to stronger muscles for reduced fatigue



ZT- extended position for superior control

Forearm fatigue

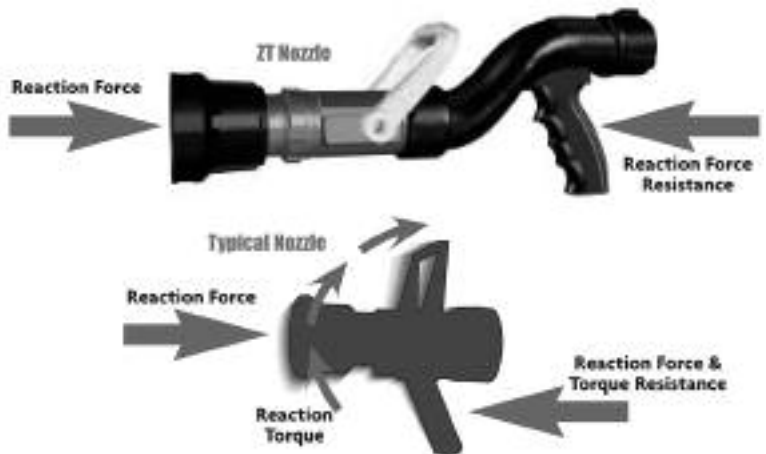


Hand & wrist strain

Typical nozzle - close in position, reduced control

Superior Handling:

The ZT pistol grip and inlet swivel are positioned to eliminate the reaction torque found in all conventional designs providing reduced short-term fatigue and better overall handling.



Superior Handling...Superior Control...Zero Torque...Superior Fire Fighting

The ZT is available on any non-pistol grip style 1-1/2", Mid-Range, Wide-Range and 2-1/2" Turbojet, SaberJet or Assault nozzle. To order simply specify your choice of nozzle and add W/ZT to the part number. For example: No. 1715-W/ZT

Nozzles with a combination of powerful stream performance at high pressures designed to achieve harder hitting straight streams and full fog patterns.

- Designed for high pressure applications up to 580 psi
- High quality, harder hitting straight stream performance
- Rugged, lightweight Pyrolite® construction
- Flush without shutting down
- Designed for use with Quick-Attack™ foam tube



No. 1704

High Pressure Turbojet®

Combines high pressure performance with a ball shutoff.

- Spinning teeth for full fog pattern
- Flow settings indicate flow at 100 psi
- Standard flow settings:
13-25-40-60 gpm

Ordering Information

Part No.	Description
1702	High pressure Turbojet® with pistol grip, 1" swivel inlet
1703	High pressure Turbojet® tip 1-1/2" swivel inlet (designed for use with No. 753 high pressure trigger shutoff)
1704	High pressure Turbojet® with pistol grip, 1" swivel inlet, specify 13-23-30 gpm or 18-30 gpm flow settings



No. 1703



No. 4802

High Pressure Assault™

The High Pressure Assault™ provides better stream performance in a simpler, more durable, easier-to-use nozzle. **Must specify flow option.**

- Flow options: 13, 25, or 40 gpm at 100 psi
- Simpler ball shut-off operation
- 105° wide fog with spinning teeth
- Easier handling due to small size and lightweight
- Less opportunity for pattern drift with multiple pattern detents

Ordering Information

Part No.	Description
4802	High pressure Assault™ with pistol grip, 1" swivel inlet
4803	High pressure Assault™ tip 1-1/2" swivel inlet (designed for use with No. 753 high pressure trigger shutoff)



No. 4803

Trigger Shutoff

- Compact and lightweight
- Ergonomically designed
- Trigger shutoff automatically shuts off flow when released

Ordering Information

Part No.	Description
753	Trigger shutoff (for use with 1703 Turbojet® and 4803 Assault™ tips), 1" swivel inlet x 1-1/2" male outlet



No. 753
Shown
with No. 1703
Turbojet® tip

ELKHART SELECT-O-FLOW® NOZZLES

Features

- Constant/select gallonage
- Durable brass and ELK-O-Lite® construction
- Flow efficient - fully machined waterway
- Constant flow - flush feature
- Aluminum/bronze shutoff handles
- Heavy-duty protective rubber bumper
- Models fit all handline sizes
- Compliant with NFPA 1964



No. SFS-OG

Ordering Information

Select-O-Flow® Nozzles				
Part No.	W/Pistol Grip	Inlet Size	Flow (gpm) at 100 psi	Flow (gpm) at 75 psi
SFS-O	-	1"	10-20-30	
SFS-OG	Yes	1"	10-20-30	
SFL-O	-	1-1/2"	40-60-95-125	
SFL-OG	Yes	1-1/2"	40-60-95-125	
SFM	-	1-1/2"	95-125-150-175-200	
SFM-G	Yes	1-1/2"	95-125-150-175-200	
SFM-HP	-	1-1/2"	30-95-125-150-200	
SFM-HPG	Yes	1-1/2"	30-95-125-150-200	
SFM-LP	-	1-1/2"		30-95-125-150-200
SFM-LPG	Tip Only	1-1/2"		30-95-125-150-200
SF	-	1-1/2"	125-175-250	
DSF	-	2-1/2"	125-175-250	



No. SFM-G



No. TSFM

Select-O-Flow® Nozzle Tips				
Part No.	Same as Nozzle But Tip Only	Inlet Size	Flow (gpm) at 100 psi	Flow (gpm) at 75 psi
TSFL	SFL w/twist shutoff	1-1/2"	40-60-95-125	
TSFM	SFM w/twist shutoff	1-1/2"	95-125-150-175-200	
TSFM-HP	Tip only	1-1/2"	30-95-125-150-200	
TSFM-HPT	Tip only w/twist shutoff	1-1/2"	30-95-125-150-200	
TSFM-LP	Tip only w/twist shutoff	1-1/2"		30-95-125-150-200

Select-O-Flow® Playpipe Combinations			
Part No.	Combination of Nozzle or Tip & Playpipe	Inlet Size	Flow (gpm) at 100 psi
SF-800	SF & 279L	2-1/2"	125-175-250
STSFB-800A	TSF & B278L	2-1/2"	125-175-250



No. STSFB-800A

DOOLEY TACKABERRY Fire and Rescue Equipment

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ELKHART SELECT-O-MATIC® NOZZLES

Features

- Durable, lightweight Elk-O-Lite® construction
- Constant flow - flush feature
- Adjustable neoprene seat with acetal ball
- Rugged, aluminum/bronze shutoff handle with double stops
- Heavy-duty, protective urethane bumper
- Replaceable spinning teeth for wide, protective fog

Ordering Information

Select-O-Matic® Nozzles

Part No.	Inlet Size	Flow (gpm) at 100 psi	Flow (gpm) at 75 psi
SM-3F	1"	10-75	
SM-3FG	1"	10-75	
SM-10F	1-1/2"	60-125	
SM-10FG	1-1/2"	60-125	
SM-20F	1-1/2"	60-200	
SM-20FG	1-1/2"	60-200	
SM-20FGLP	1-1/2"		60-200
SM-30F	1-1/2"	75-325	
SM-30FG	1-1/2"	75-325	
SM-30FLP	1-1/2"		75-325
DSM-30F	2-1/2"	75-325	
DSM-30FLP	2-1/2"		75-325
DSM-30FG	2-1/2"	75-325	
DSM-30GFLP	2-1/2"		75-325

Select-O-Matic® Break-Apart Nozzles

Part No.	Inlet Size	Combination of Nozzle & Ball Shutoff	Flow (gpm) at 100 psi	Flow (gpm) at 75 psi
STSM-10F	1-1/2"	TSM-10F & LB-275A	60-125	
STSM-20F	1-1/2"	TSM-20F & B-275A	60-200	
STSM-20FG	1-1/2"	TSM-20F & B-275GA	60-200	
STSM-20FGAT	1-1/2"	TSM-20F & B-375GAT	60-200	
STSM-20FGATLP	1-1/2"	TSM-20FLP & B-375GAT		60-200
STSM-30F	1-1/2"	TSM-30F & B-275A	75-325	
STSM-30FG	1-1/2"	TSM-30F & B-275GA	75-325	
STSM-30FGAT	1-1/2"	TSM-30F & B-375GAT	75-325	
STSM-30FGATLP	1-1/2"	TSM-30FLP & B-375GAT		75-325
STDSM-30F	2-1/2"	TSM-30F & DB-275A	75-325	
STDSM-30FG	2-1/2"	TSM-30FG & DB-275GA	75-325	
STDSM-30FGATLP	2-1/2"	TSM-30FLP & DB-375GAT		75-325

Select-O-Matic® Playpipe Combinations

Part No.	Inlet Size	Combination of Nozzle or Tip and Playpipe	Flow (gpm) at 100 psi
SM-30PL	2-1/2"	SM-30F & 279LA	75-325
STSM-30BPA	2-1/2"	TSM-30F & B278L	75-325

FG nozzle have pistol grip
GAT ball shut-offs have integral smooth bore



No. SM-20FG



No. TSM-20F
Tip Only



No. STSM-20FG
Break-Apart
(Shown with optional
pistol grip)



No. SM-30PL
Playpipe with Nozzle



No. STSM-30BPA
Playpipe with Tip

Handline Nozzles

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Features

- Durable, lightweight Elk-O-Lite® construction
- Combination fog and straight stream
- Constant/single gallonage
- Flow efficient - fully machined waterway
- Flush feature
- Hydraulically balanced ball shutoff
- Adjustable neoprene seat with acetal ball
- Heavy-duty, protective urethane bumper
- Rugged, aluminum/bronze shutoff handle with double stops
- Replaceable spinning teeth for wide, protective fog
- Durable, non-slip pistol grip - Lexan® labeling
- Wide range of gallonage available
- Gallonage stamped on stem head



No. 4000-23

Chief® Nozzles					
Part No.	W/Pistol Grip	Inlet Size	Flow (gpm) at 100 psi	Flow (gpm) at 75 psi	Flow (gpm) at 50 psi
4000-02	-	1"	15, 30 , 45, 60		
4000-03	Yes	1"	15, 30 , 45, 60	125	
4000-10	-	1-1/2"	60, 75, 95 , 125, 150	125	
4000-13	Yes	1-1/2"	60, 75, 95 , 125, 150	125	
4000-16	-	1-1/2"	150	125, 150, 175	150
4000-17	Yes	1-1/2"	150	125, 150, 175	150
4000-20	-	1-1/2"	175, 250 , 325, 350	185, 200, 250, 300	200, 250
4000-23	Yes	1-1/2"	175, 250 , 325, 350	185, 200, 250, 300	200, 250
4000-26	-	2-1/2"	175, 250 , 325	185, 200, 250, 300	250
4000-14	Tip Only	1-1/2"	60, 75, 95 , 125, 150	125, 150, 175	150
4000-22	Tip Only w/ Twist Shut Off	1-1/2" or 2-1/2"	175, 250 , 325	185, 200, 250, 300	200, 250
4000-24	Tip Only	1-1/2" or 2-1/2"	175, 250 , 325, 350	185, 200, 250, 300	200, 250



No. 4000-20

Flows shown in **bold** are standard others are optional

Ordering Information

Chief® Break-Apart Nozzles

Part No.	Combination of Nozzle & Ball Shutoff	Inlet Size	Flow (gpm) at 100 psi
4000-15	4000-14 & LB275A	1-1/2"	60, 75, 95 , 125, 150
4000-18	4000-14 & LB275GA	1-1/2"	60, 75, 95 , 125, 150
4000-21	4000-24 & B275GA	1-1/2"	175, 250 , 325, 350
4000-25	4000-24 & B275A	1-1/2"	175, 250 , 325, 350

Chief® Nozzle Tips

Part No.	Same as Nozzle but Tip Only	Inlet Size	Flow (gpm) at 100 psi
4000-14	4000-10 w/o shutoff	1-1/2"	60, 75, 95 , 125, 150
4000-24	4000-20 w/o shutoff	1-1/2"	175, 250 , 325, 350
4000-22	4000-24 w/twist shutoff	1-1/2"	175, 250 , 325,

Chief® Playpipe Combinations

Part No.	Combination of Nozzle or Tip and Playpipe	Inlet Size	Flow (gpm) at 100 psi
4000-27	4000-24 & B278L	2-1/2"	175, 250 , 325
4000-29	4000-20 & 279A	2-1/2"	175, 250 , 325



No. 4000-27

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 in 100 psi and true 75 psi models.

Features

- Combination fog and straight stream
- Constant gallonage
- Multi-flow settings
- 1-1/2" mid-range low pressure capability
- Exceptional stream quality as low as 50 psi
- Pistol grips and handles in a choice of colors
- Heavy-duty protective urethane bumper
- Durable Elk-O-Lite® construction
- Replaceable spinning teeth for wide, protective fog
- Easy to see and read reflective labeling

Ordering Information

Part No. Description

PSFS-HP	Phantom® nozzle, 1" swivel base, flow settings: 12, 30, 45, 60 gpm at 100 psi
PSFS-HPG	Phantom® nozzle with pistol grip, 1" swivel base, flow settings: 12, 30, 45, 60 gpm at 100 psi
SFM-HP	Phantom® nozzle, 1-1/2" swivel base, flow settings: 30, 95, 125, 150, 200 gpm at 100 psi
SFM-HPG	Phantom® nozzle with pistol grip, 1-1/2" swivel base, flow settings: 30, 95, 125, 150, 200 gpm at 100 psi
SFM-LP	Phantom® nozzle, 1-1/2" swivel base, flow settings: 30, 95, 125, 150, 200 gpm at 75 psi
SFM-GLP	Phantom® nozzle with pistol grip, 1-1/2" swivel base, flow settings: 30, 95, 125, 150, 200 gpm at 75 psi



No. SFM-HP

Phantom® nozzles come standard with black bumper and rough chrome handle and natural Elk-O-Lite® pistol grip

Solid Strike®

Operated like any traditional smoothbore tip on a shut-off except that the nozzle man has the ability to vary the effective tip size under flow. Choose greater reach, penetration and water instantly. The Solid Strike® nozzle utilizes the hydraulic forces of the water flow itself to converge and project a perfect solid stream of water at near identical exit velocity - maximizing the stable range of the stream.

Rating

- Maximum operating pressure 200 psi
- Settings:
 - 7/8" - 159 GPM at 50 psi
 - 15/16" - 184 GPM at 50 psi
 - 1" - 209 GPM at 50 psi



No. SS475GAAT

Ordering Information

Part No.	Description
SS475GAAT	Solid Strike® nozzle, 1-1/2" swivel base

Axial Playpipes

Rugged compact design for better balance and durability.
Axial playpipes have rugged dual handle stops on the shutoff.

Ordering Information

Part No. Description

Axial Playpipes with Shutoffs

2390	Axial playpipe, Pyrolite® finish, 2-1/2" swivel inlet x 1-1/2" male, 1-3/8" shutoff waterway
1390	Axial playpipe, chrome plated brass, 2-1/2" swivel inlet x 1-1/2" male, 1-3/8" shutoff waterway

Playpipe With Ladder Hook

426	Playpipe with ladder hook, chrome plated brass, 2-1/2" swivel inlet x 1-1/2" male
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Axial Playpipes With Stacked Tips - Orifices: 1", 1-1/8", 1-1/4"

2393	Axial playpipe, Pyrolite® finish, 2-1/2" swivel inlet, combination of No. 1420 stacked tips and No. 1390 playpipe
1135	Axial playpipe, chrome plated brass, 2-1/2" swivel inlet, combination of No. 420 stacked tips and No. 426 playpipe with ladder hook

Axial Playpipes with Turbojet® Tip

2730	Axial playpipe, Pyrolite® finish, 2-1/2" swivel inlet, combination of No. 1727 tip and No. 2390 playpipe
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No. 2390



No. 1390



No. 2730



No. 426



No. 1135



No. 2393

**Akron Playpipes with Stacked Tips
Meet Insurance Services Office
(ISO) Requirements**

Pyrolite® Shutoffs

A tough lightweight shutoff with a full-time restricted swivel ensures the handle can be positioned for easier operation. Can be used in combination with Turbojet® or Assault™ tips as breakpart nozzles.

Ordering Information

Part No.		Description
Plain	w/Pistol Grip	
2101	2102	Shutoff, 1" swivel inlet x 1" male, 1" waterway
	2108	Shutoff, 1" swivel inlet x 1-1/2" male, 1" waterway
2115	2116	Shutoff, 1-1/2" swivel inlet x 1-1/2" male, 1" waterway
2129	2127	Shutoff, 1-1/2" swivel inlet x 1-1/2" male, 1-3/8" waterway
2125	2126	Shutoff, 2-1/2" swivel inlet x 1-1/2" male, 1-1/3" waterway
2130		Shutoff, 2-1/2" swivel inlet x 2-1/2" male, 2" waterway



No. 2115

Saber™ Shutoffs with Integral Tip

Lightweight Pyrolite® ball shutoff with an integral straight bore tip. Full 1-3/8" shutoff waterway. Orifice Options: 3/4", 7/8", 15/16", 1" and 1-1/8".

Ordering Information

Part No.		Description
Plain	w/Pistol Grip	
2430	2431	Shutoff, 1-1/2" swivel inlet x 1-1/2" male, 1-3/8" waterway
2432	2433	Shutoff, 2-1/2" swivel inlet x 1-1/2" male, 1-3/8" waterway



No. 2431

Blitz Tips

Pyrolite® shutoff with pistol grip and straight tip for high volume low pressure operation. Nearly 400 gpm at 50 psi. 1-3/8" shutoff waterway with 1-3/8" orifice.

Ordering Information

Part No.	Description
1445	Shutoff, with pistol grip and straight tip, 1-1/2" swivel inlet x 1-1/2" male
1446	Shutoff, with pistol grip and straight tip, 2-1/2" swivel inlet x 1-1/2" male



No. 1446

Figure 1



Integral Smooth Bore

(Shown with optional pistol grip)

Sizes available:

- 7/8", 15/16", 1",
- 1-1/8", 1-1/4"

Figure 2



Typical Ball Shut-Off

(Shown with optional pistol grip)

Figure 3



Playpipe without Shut-Off

Figure 4



Playpipe with Shut-Off

Ordering Information - Ball Shutoffs - Elk-O-Lite® Construction

Part No.	W/Pistol Grip	Figure	Ball Type	Waterway Size	Inlet Size	Outlet Size
SB-275A	No	2	DC	1"	1"	1"
SB-275-GA	Yes	2	DC	1"	1"	1"
LB-275A	No	2	DC	1"	1-1/2"	1-1/2"
LB-275-GA	Yes	2	DC	1"	1-1/2"	1-1/2"
B-275A	No	2	DC	1-3/8"	1-1/2"	1-1/2"
B-275-GA	Yes	2	DC	1-3/8"	1-1/2"	1-1/2"
B-375GAT	Yes	1*	SC	1-3/8"	1-1/2"	1-1/2"

* Specigy Built-In Smooth Bore Discharge
 Size available: 7/8", 15/16", 1", 1-1/8", 1-1/4"

Ordering Information - Playpipes Elk-O-Lite® Construction

Part No.	W/Ladder Hook	Figure	Ball Type	Waterway Size	Inlet Size	Outlet Size
B-278-L*	Yes	4	DC	1"	2-1/2"	1-1/2"
279-LA*	Yes	3	-	1-1/2"	2-1/2"	1-1/2"
B-278	No	4	DC	1"	2-1/2"	1-1/2"

* With Ladder Hook

Ball Types

Double Cut-Away (DC)

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

Single Cut-Away (SC)

Combines the features of smooth operation and excellent stream quality.

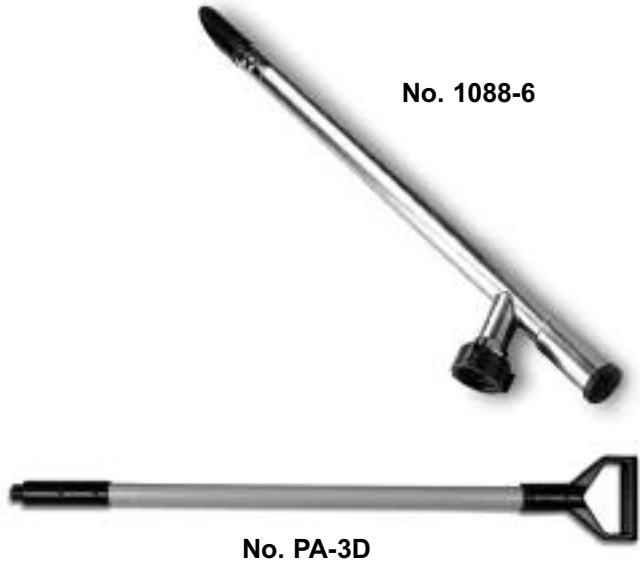
Akron® Piercing Applicators

Use a sledge hammer to drive the Piercing Applicator through concrete block, cars, mobile homes, etc. Designed to get water or foam to hidden trouble spots. Driving button and point made of hardened tool steel. Impinging jets for a more dense fog pattern. Compatible with Class A and B foams.

- 1-1/2" swivel inlet

Ordering Information

Part No.	Description
1088-3	Piercing applicator, 3 ft. long
1088-6	Piercing applicator, 6 ft. long
PA-3D	3 ft. piercing applicator extension with D-ring handle



Akron® Cellar/Attic Nozzles

For attacking fires in hard-to-reach places.

- Ball bearing revolving action

536 1-1/2" Cellar/Attic Nozzle	535 2-1/2" Cellar/Attic Nozzle
<ul style="list-style-type: none"> • 6 variable angle orifices: 3 of 1/4" and 3 of 5/16" • 95 gpm at 50 psi 	<ul style="list-style-type: none"> • 9 variable angle orifices: 3 of 1/4" and 6 of 13/32" • Meets Insurance Services Office (ISO) requirements • 250 gpm at 100 psi

Ordering Information

Part No.	Description
536	Cellar/Attic nozzle, 1-1/2" inlet, 3-1/2" long
535	Cellar/Attic nozzle, 2-1/2" inlet, 5-1/8" long



Elkhart Flex Attack® CAF Nozzle

A nozzle that lets you go from CAF to H2O with a click of the tip. The CAF nozzle quickly switches between wet foam, dry foam and water without shutting down. Now there's no need to compromise when fire fighting. Click up for a huge unobstructed waterway to produce shaving cream dry foam. Click down for a hard hitting 15/16" smooth bore. The Flex Attack® is durable, dependable and best of all simple to use.

Ordering Information

Part No.	Description
FLX-20G	Flex Attack® CAF nozzle, 1-1/2" swivel inlet, with pistol grip



Rating

- 84 GPM at 50 psi in water setting
- Maximum operating pressure 200 psi

FLAMEFIGHTER PIERCING NOZZLES

900 Series Piercing Nozzles

These nozzles combine the best of durability, flexibility and are lightweight. They all have removable nozzles which allow for extension tubes to be added for extra reach (2 feet per extension). They can also be driven in with a small mallet if needed. This unique nozzle design needs only to be driven in 3-3/4" to have full penetration of the sprayer unit. Ideal for walls and has coverage of up to 25 feet in all directions.

Ordering Information

Part No.	Description
902K	2 ft. nozzle, with (1) 2 ft. extension, includes shut off valve and mounting brackets, 1-1/2" NH swivel inlet
910K	Battering ram nozzle, with (1) 2 ft. extension, includes shut off valve and mounting brackets, 1-1/2" NH swivel inlet
906K	2 ft. 90 degree nozzle for vehicle fires, with shut off valve and mounting brackets, 1-1/2" NH swivel inlet



No. 902K



No. 910K



No. 906K

Original 1000 Piercing Nozzle

From simple to hard-to-reach fires, the original FlameFighter 1000 gets you to the source of the fire quickly. In just seconds, one or two firefighters can insert the nozzle into virtually any desired entry point and generate a high pressure spray covering up to 2400 sq ft. at 150 psi. Can be used in two ways; first by swinging it like a battering ram, second by driving it with a mallet.

Ordering Information

Part No.	Description
1000	Original FlameFighter nozzle, 320 gpm max, 60" long, weight 36 lbs, includes mounting brackets, 1-1/2" NH swivel Inlet
3001	Shut off valve with grip (not shown)



No. 1000

Portable Sprinkler System

Designed to be used as a large sprinkler system for use in attic areas of residential buildings to large scale apartments, hotels and commercial buildings, etc. Easy to deploy, by extending the nozzle equally from the peak of the roof area where you wish to establish a water wall (note hose is marked in the middle). The nozzles can be driven in with a sledge hammer or by creating a small hole with a fire axe or depending on the roofing material a chain saw or other cutting equipment to gain entry. You can daisy chain them together for more coverage or add a hand line on the end.

Ordering Information

Part No.	Description
974	Portable sprinkler system, includes (2) complete attic nozzles and (1) 30 ft. hose section, apparatus mounting brackets, carrying board with build in handle
3001	Shut off valve with grip (not shown)



No. 974

The "R" series of cellar/attic nozzles incorporates the same peripheral jet design as other combination fog nozzles. A 30° fog pattern is discharged from each small foghead in both an upward and downward angle, thus causing the nozzle to spin and distribute the water droplets in a large area. The LR (1.5") covers a diameter of 26' and the R (2.5") covers a 55' diameter. Both models are constructed of rugged brass alloys and are furnished in a cast chrome finish.

The 193 series, the original "Bresnan" design distributor nozzle, is available in 1.5" and 2.5" sizes. The 2.5" comes with either 6 outlets (45' diameter coverage) or 9 outlets (36' diameter coverage). The 1.5" has 6 outlets and covers a 20' diameter. These nozzles are also constructed of rugged brass alloys and are furnished with a cast chrome finish.

LR 1.5" Cellar/Attic Nozzle

Four foghead outlets: 2 horizontal, 1 upward, 1 downward • Flows 115 gpm @ 100 psi • Coverage, 20' diameter • Length 5"



R 2.5" Cellar/Attic Nozzle

Four foghead outlets: 2 horizontal, 1 upward, 1 downward • Flows 260 gpm @ 100 psi • Coverage, 55' diameter • Length 7"



193-6 1.5" Bresnan Distributor Nozzle

Six outlets: three .250" and three .3125" • Flows 99 gpm @ 50 psi • Coverage, 20' diameter • Length 5"



193-6 2.5" Bresnan Distributor Nozzle (Not Shown)

Six outlets: three .562" and three .625" • Flows 275 gpm @ 50 psi • Coverage, 45' diameter • Length 6.25"

193-9 2.5" Bresnan Distributor Nozzle (Not Shown)

Nine outlets: three .625", three .562", and three .500" • Flows 340 gpm @ 50 psi • Coverage, 36' diameter • Length 6.25"

A-2.5 Applicator Shown w/R nozzle



A-1.5 Applicator Shown w/LR nozzle

Cellar/Attic Nozzle Applicators

These applicators are designed to be used with any of the cellar nozzles on this page. The 1.5" applicator is constructed of rugged brass alloys and features an integral ball shutoff. The 2.5" applicator is made of durable, lightweight Elk-O-Lite® and has folding support arms for unattended use.

Ordering Information

Part No.	Description
LR	Cellar/Attic nozzle, with four (4) outlets, 1-1/2" female base
R	Cellar/Attic nozzle, with four (4) outlets, 2-1/2" female base
193-6-1.5	Bresnan cellar/attic nozzle, with six (6) outlets, 1-1/2" female base
193-6-2.5	Bresnan cellar/attic nozzle, with six (6) outlets, 2-1/2" female base
193-9-2.5	Bresnan cellar/attic nozzle, with nine (9) outlets, 2-1/2" female base
A-1.5	Applicator for use with 1-1/2" cellar/attic nozzles, has integral shutoff, 1-1/2" FNST swivel inlet x 1-1/2" MNST outlet, chrome plated finish, 24-1/2" long
A-2.5	Applicator for use with 2-1/2" cellar/attic nozzles, shutoff, 2-1/2" FNST swivel inlet x 2-1/2" MNST outlet, has folding support arms for unattended use, red acrylic/urethane enamel finish, the No. B-96A and X-86A hydrant valves, excellent shut-off devices for this applicator, 29" long

Akron® Aussie Bush Nozzle

- A three flow setting adjustable pattern nozzle with the flow control and off settings
- Easy to operate control ring
- Adjustable pattern from straight stream to fog at any flow
- Quarter turn, quick action pattern change
- 10 year warranty
- NFPA compliant

Ordering Information

Part No.	Description
1700	Aussie bush nozzle, 6-3/8" long, gpm mop (8)-15-30, 1" NH Inlet



No. 1700

C&S Adjustable Fog Nozzles

- Constructed of hard chrome aluminum with brass and stainless steel internal components
- Equipped with heavy duty rubber bumper for added protection
- Flow from 10 gpm or less
- Adjustable from straight stream to fog to off with a twist
- Specify NH or NPSH rigid female base

Ordering Information

Part No.	Description
110/23	Nozzle, 10-23 gpm, 1" rigid female base
110/23BL	Nozzle, 10-23 gpm, 1" rigid female base (without rubber bumper)
1560/20	Nozzle, 20-60 gpm, 1-1/2" rigid female base
1590/20	Nozzle, 20-90 gpm, 1-1/2" rigid female base



No. 110/23



No. 110/23BL



No. 1560/20



No. 1590/20

Accessories

In-Line T

- Constructed of cast aluminum and is designed to help extend wildland fire fighting hose lays and to supply an additional 1" line for filling pump cans or mop-up use.

Wildland Hose Clamp

- Constructed of cast aluminum with brass fittings
- Designed for use on single jacket hose up to 1-3/4"
- Has built-in spanner for use of fitting 2-1/2" and smaller
- Durable brass locking mechanism holds the clamp in the closed position

Ordering Information

Part No.	Description
T-1	In-Line T, 1" female x 1" male x 1" male tee, with cap and chain, (NPSH only), 6" height
HC1510	Hose clamp, 12" length



No. T-1

No. HC1510