

Assault™

A Revolutionary Solution

Akron® Assault Nozzles combine the quality stream performance at a variety of pressures with the simplicity of a fixed orifice. It is one of the most versatile and easy-to-use nozzles in today's fire service. Superior stream performance, a quick change pattern adjustment along with a durable and simple design makes the Assault an unbeatable value.

- Excellent stream performance at pressures as low as 50 psi.
- Simplified nozzle training
- Lower maintenance due to a simple, rugged design of Pyrolite® construction
- Easy to operate from straight stream to fog with only a quarter turn adjustment
- Raised lug on the bumper for easy pattern identification
- Total compliance with NFPA 1964



Akron® Assault Nozzles combine quality stream performance at a variety of pressures with the simplicity of a fixed orifice. It is one of the most versatile and easy to use nozzles in today's fire service. Quality stream performance at a variety of pressures, combined with a durable and simple design makes the Assault an unbeatable value.

The Assault provides:

- Better stream performance at pressures as low as 50 PSI
- Affordably priced
- Simplified nozzle training
- No recalibration required
- Low maintenance due to simple, durable design

Features:

- Pattern Identification
- Enhanced flow characteristics on 2 1/2" Assaults (deeper throat design)
- Easy to operate (1/4 turn from straight stream to fog)
- Raised lug marks straight stream for limited visibility operations
- Easy to service & repair
- Meets European Standard (Must Specify)



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



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

Ergonomic Bale Handle

Lightweight Pyrolite® Construction

High Visibility, User Friendly Operating Labels

Raised Lug on the Bumper for Easier Pattern Identification

Spinning Teeth or Molded Teeth (Metal teeth available on 1 1/2" & Mid-Range Assaults)

Flow Label on the Baffle for Easier Identification of Flow Setting

With or Without Pistol Grip
Pistol Grips and Handles Available in Various Colors!

Optional Storz Inlets

Optional BIM Inlets

1", 1 1/2" or 2 1/2" Full-Time Swivel Inlet

CE

10 YEAR WARRANTY

F M APPROVED*

ALL ASSAULTS NFPA 1964 COMPLIANT

* FM Approved Styles 4802, 4820, 4823, 4826 & 4837

Available in a Variety of Flows & Pressures

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

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1" Assault Nozzles

- Quick change pattern adjustment
- 100 psi (7 bar), **optional 6 bar available**
- Styles 4801, 4802, and 4804 can be used for high pressure applications up to **580 psi (40 bar) hydrostatic pressure**
- Compatible with Quick-Attack Foam Tube Style 755 (4801-4805) Style 777 (4712-4713, 4512-4813), See page 31



Style 4802

- 4801 1" Assault Nozzle with Spinning Teeth
- 4802 1" Assault Nozzle with Pistol Grip and Spinning Teeth
- 4803 1" Assault Tip with 1 1/2" Inlet
For use with style 753 shutoff
- 4804 1" Assault Tip with Spinning Teeth
- 4712 1" Assault Nozzle with Pistol Grip and Molded Teeth
• 60 GPM (230 LPM) flow
- 4812 1" Assault Nozzle with Pistol Grip and Spinning Teeth
• 60 GPM (230 LPM) flow
- 4713 1" Assault Nozzle with Molded Teeth
• 60 GPM (230 LPM) flow
- 4813 1" Assault Nozzle with Spinning Teeth
• 60 GPM (230 LPM) flow

Style	Swivel Inlet	Length	Weight lbs. (kg)	Flow Range	
				GPM	LPM
4801	1" (25 mm)	8 15/16" (227 mm)	2 7/8 (1.3 kg)	13, 25 or 40 *	50, 100 or 150 *
4802	1" (25 mm)	8 15/16" (227 mm)	3 1/4 (1.5 kg)	13, 25 or 40 *	50, 100 or 150 *
4803	1 1/2" (38 mm)	5 3/4" (146 mm)	2 (9 kg)	13, 25 or 40	50, 100 or 150
4804	1" (25 mm)	6" (152 mm)	2 (9 kg)	13, 25 or 40 *	50, 100 or 150 *
4712	1" (25 mm)	9 5/8" (244 mm)	4 3/8 (2.0 kg)	60	230
4812	1" (25 mm)	9 5/8" (244 mm)	4 3/8 (2.0 kg)	60	230
4713	1" (25 mm)	9 5/8" (244 mm)	4 (1.8 kg)	60	230
4813	1" (25 mm)	9 5/8" (244 mm)	4 (1.8 kg)	60	230

* MUST SPECIFY FLOW OPTION

** 100 psi (7 bar) rated pressure configuration

1 1/2" Assault Nozzles

- Quick change pattern adjustment
- SPECIFY PRESSURE AND FLOW, see chart to right
- Compatible with Quick-Attack Foam Tube Style 777, See page 31



Style 4820



Style 4817

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

- 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 Breakpart Nozzle with Molded Teeth
• Combination of Style 4717 tip + Style 2115 shutoff
- 4816 1 1/2" Assault Breakpart Nozzle with Spinning Teeth
• Combination of Style 4817 tip + Style 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 Breakpart Nozzle with Pistol Grip and Molded Teeth
• Combination of Style 4717 tip + Style 2116 shutoff
- 4818 1 1/2" Assault Breakpart Nozzle with Pistol Grip and Spinning Teeth
• Combination of Style 4817 tip with twist shutoff + Style 2116 shutoff
- 4819 1 1/2" Assault Breakpart Nozzle with Spinning Teeth
• Combination of Style 4817 tip with twist shutoff + Style 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 Breakpart Nozzle with Pistol Grip and Spinning Teeth
• Combination of Style 4817 tip with twist shutoff + Style 2127 shutoff

Pressure & Flow Options For 1 1/2" Assault Nozzles

NOZZLE PSI	60 @ 100	95 @ 75	95 @ 100	125 @ 75	125 @ 100	150 @ 50	150 @ 75	175 @ 100	175 @ 75	200 @ 100	
	Actual GPM										
50	42	78	67	102	88	150	122	106	143	124	141
75	52	95	82	125	108	184	150	130	175	152	173
100	60	110	95	144	125	212	173	150	202	175	200

Pressure & Flow Options For 1 1/2" Assault Nozzles

NOZZLE BAR	230 @ 7	360 @ 5	360 @ 7	475 @ 5	475 @ 7	550 @ 3	550 @ 5	550 @ 7	660 @ 5	660 @ 7	750 @ 7
	Actual LPM										
3	159	295	254	386	333	550	462	401	541	469	534
5	197	360	310	475	409	696	550	492	660	575	655
7	230	416	360	545	475	802	655	550	765	660	750

Optional 6 bar available

Style	Swivel Inlet	Length	Weight lbs. (kg)
4714	1 1/2" (38 mm)	6 1/2" (165 mm)	2 3/4 (1.2 kg)
4715	1 1/2" (38 mm)	8 3/8" (213 mm)	3 1/2 (1.6 kg)
4716	1 1/2" (38 mm)	10 1/2" (267 mm)	4 (1.8 kg)
4717	1 1/2" (38 mm)	6 1/2" (165 mm)	2 3/4 (1.2 kg)
4718	1 1/2" (38 mm)	11" (279 mm)	4 5/8 (2.2 kg)
4720	1 1/2" (38 mm)	8 3/8" (213 mm)	3 3/4 (1.7 kg)
4814	1 1/2" (38 mm)	6 1/2" (165 mm)	2 3/4 (1.2 kg)
4815	1 1/2" (38 mm)	8 3/8" (213 mm)	4 (1.8 kg)
4816	1 1/2" (38 mm)	10 1/2" (267 mm)	4 (1.8 kg)
4817	1 1/2" (38 mm)	6 1/2" (165 mm)	2 3/4 (1.2 kg)
4818	1 1/2" (38 mm)	11" (279 mm)	4 5/8 (2.2 kg)
4819	1 1/2" (38 mm)	10 7/8" (276 mm)	4 1/4 (1.9 kg)
4820	1 1/2" (38 mm)	8 3/8" (213 mm)	4 1/4 (1.9 kg)
4821	1 1/2" (38 mm)	10 7/8" (276 mm)	4 1/4 (1.9 kg)

*** All pressure/flow configurations with exception of 150 gpm @75 psi (550 lpm @ 5 bar)

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1 1/2" Electrical Assault Nozzles

- Designed to be used on class "C" hazards
- No straight stream capabilities (min. 30° fog)
- 100 psi (7 bar) operation pressure
- SPECIFY PRESSURE AND FLOW, see page 15 - 1 1/2" Assault Nozzle
- 95 and 125 gpm only

4815E 1 1/2" Electrical Assault Nozzle with Spinning Teeth

4820E 1 1/2" Electrical Assault Nozzle with Pistol Grip and Spinning Teeth



Style 4815E

Style	Swivel Inlet	Length	Weight lbs. (kg)	Flow Range	
				GPM	LPM
4815E	1 1/2" (38 mm)	8 3/8" (213 mm)	3 1/2 (1.6 kg)	95 or 125 only *	360 or 475 only*
4820E	1 1/2" (38 mm)	8 3/8" (213 mm)	3 3/4 (1.7 kg)	95 or 125 only *	360 or 475 only*

* Must specify

Improved Mid-Range Assault Nozzles

- Quick change pattern adjustment
- SPECIFY PRESSURE AND FLOW, see chart below
- Compatible with Quick-Attack Foam Tube Style 777, See page 31

4862 Mid-Range Assault Nozzle

4863 Mid-Range Assault Nozzle with Pistol Grip

4864 Mid-Range Assault Breakapart Nozzle

- Combination of Style 4867 tip with twist shutoff + Style 2129 shutoff

4865 Mid-Range Assault Breakapart Nozzle with Pistol Grip

- Combination of Style 4867 tip with twist shutoff + Style 2127 shutoff

4866 Mid-Range Assault Tip

4867 Mid-Range Assault Tip with Twist Shutoff



Style 4863

Style	Swivel Inlet*	Length	Weight lbs. (kg)
4862	1 1/2" (38 mm)	8 3/4" (222 mm)	4 (1.8 kg)
4863	1 1/2" (38 mm)	9" (222 mm)	4 1/4 (1.9 kg)
4864	1 1/2" (38 mm)	10 7/8" (276 mm)	4 1/4 (1.9 kg)
4865	1 1/2" (38 mm)	10 7/8" (276 mm)	4 5/8 (2.1 kg)
4866	1 1/2" (38 mm)	6 1/2" (165 mm)	2 3/4 (1.2 kg)
4867	1 1/2" (38 mm)	6 1/2" (165 mm)	2 3/4 (1.2 kg)

* Optional 2.5" inlet available upon request

Pressure & Flow For Mid-Range Assault Nozzles

NOZZLE PSI	150 @ 50	150 @ 75	150 @ 100	175 @ 50	175 @ 75	175 @ 100	200 @ 50 *	200 @ 75	200 @ 100	225 @ 100
	Actual GPM									
50	150	122	106	175	143	124	200	163	141	159
75	184	150	130	214	175	152	245	200	173	195
100	212	173	150	247	202	175	283	231	200	225

Pressure & Flow For Mid-Range Assault Nozzles

NOZZLE BAR	550 @ 3	550 @ 5	550 @ 7	660 @ 3	660 @ 5	660 @ 7	750 @ 3	750 @ 5	750 @ 7	850 @ 7
	Actual LPM									
3	550	462	401	660	541	469	750	617	534	602
5	696	550	492	810	660	575	927	750	655	738
7	802	738	550	435	765	660	1071	874	750	852

* No baffle kits available. Factory set only. Not available on 2.5" (65mm) inlets.

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High-Range Assault Nozzles

- Quick change pattern adjustment
- SPECIFY PRESSURE AND FLOW, see chart below



- 4822 1 1/2" High-Range Assault Nozzle with Spinning Teeth
- 4722 1 1/2" High-Range Assault Nozzle Less Teeth
- 4823 1 1/2" High-Range Assault Nozzle with Pistol Grip and Spinning Teeth
- 4824 1 1/2" High-Range Assault Tip with Spinning Teeth
- 4724 1 1/2" High-Range Assault Tip Less Teeth
- 4825 2 1/2" High-Range Assault Nozzle with Spinning Teeth
- 4826 2 1/2" High-Range Assault Nozzle with Pistol Grip and Spinning Teeth
- 4726 2 1/2" High-Range Assault Nozzle with Pistol Grip Less Teeth
- 4827 1 1/2" High-Range Assault Tip with Twist Shutoff and Spinning Teeth
- 4830 2 1/2" High-Range Assault Tip with Axial Playpipe
 - Combination of Style 4827 tip with twist shutoff + Style 2390 playpipe
- 4834 1 1/2" High-Range Assault Breakapart Nozzle with Pistol Grip
 - Combination of Style 4827 tip with twist shutoff + Style 2127 shutoff
- 4835 1 1/2" High-Range Assault Breakapart Nozzle
 - Combination Style 4827 tip with twist shutoff + Style 2129 shutoff
- 4836 2 1/2" High-Range Assault Breakapart Nozzle with Pistol Grip
 - Combination of Style 4827 tip with twist shutoff + Style 2126 shutoff
- 4837 2 1/2" High-Range Assault Tip with Twist Shutoff and Spinning Teeth
- 4838 2 1/2" High-Range Assault Breakapart Nozzle
 - Combination of Style 4827 tip with twist shutoff + Style 2125 shutoff

Style	Swivel Inlet	Length	Weight lbs. (kg)
4722	1 1/2" (38 mm)	12 11/64" (309 mm)	6 1/2 (7.5 kg)
4724	1 1/2" (38 mm)	9 3/32" (231 mm)	5 1/8 (3.2 kg)
4726	2 1/2" (65 mm)	12 11/64" (309 mm)	7 1/8 (3.2 kg)
4822	1 1/2" (38 mm)	11 1/2" (292 mm)	6 1/2 (7.5 kg)
4823	1 1/2" (38 mm)	11 1/2" (292 mm)	7 1/4 (3.3 kg)
4824	1 1/2" (38 mm)	8 1/4" (210 mm)	5 1/4 (2.4 kg)
4825	2 1/2" (65 mm)	12 1/8" (206 mm)	7 1/8 (3.2 kg)
4826	2 1/2" (65 mm)	12 1/8" (206 mm)	7 5/8 (3.5 kg)
4827	1 1/2" (38 mm)	8 3/4" (222 mm)	5 7/8 (2.7 kg)
4830	2 1/2" (65 mm)	16 3/4" (425 mm)	11 3/8 (5.2 kg)
4834	1 1/2" (38 mm)	13 1/2" (343 mm)	8 (3.6 kg)
4835	1 1/2" (38 mm)	13 1/8" (333 mm)	7 5/8 (3.5 kg)
4836	2 1/2" (65 mm)	14" (356 mm)	8 3/4 (4.0 kg)
4837	2 1/2" (65 mm)	9 1/2" (241 mm)	6 1/2 (2.9 kg)
4838	2 1/2" (65 mm)	13 5/8" (346 mm)	8 1/2 (3.9 kg)

2 1/2" Assaults meet Insurance Services Office (ISO) requirements.



Style 4825



Style 4830

Pressure & Flow Options for High-Range Assault Nozzles

NOZZLE PSI	200 @ 75	200 @ 100	250 @ 50	250 @ 75	250 @ 100	300 @ 75	300 @ 100	350 @ 100
	Actual GPM							
50	163	141	250	204	177	245	212	247
75	200	173	306	250	217	300	260	303
100	231	200	354	289	250	346	300	350

Pressure & Flow Options For High-Range Assault Nozzles

NOZZLE Bar	750 @ 5	750 @ 7	950 @ 3	950 @ 5	950 @ 7	1140 @ 5	1140 @ 7	1325 @ 7
	Actual LPM							
3	617	534	950	772	670	927	802	935
5	750	655	1158	950	821	1140	984	1147
7	874	750	1340	1094	950	1310	1140	1325

* FM Approved Styles 4823, 4826 & 4837

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