

Assault™

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. 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

New Enhancements:

- Pattern Identification
- Enhanced flow characteristics on 2 1/2" Assaults (deeper throat design)
- Larger more legible labels
- 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 new European Standard



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

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



1" Assault Nozzles

- 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
- Use Quick-Attack Foam Tube Style 755 (4801-4805) Style 777 (4712-4713, 4512-4813)



Style 4802

- 4801** 1" Assault Nozzle with Spinning Teeth
- 4802** 1" Assault Nozzle with Pistol Grip and Spinning Teeth
- 4804** 1" Assault Tip with Spinning Teeth
- 4712** 1" Assault Nozzle with Pistol Grip and Molded Teeth
- 4812** 1" Assault Nozzle with Pistol Grip and Spinning Teeth
- 4713** 1" Assault Nozzle with Molded Teeth
- 4813** 1" Assault Nozzle with Spinning Teeth

Style	Swivel Inlet	Length	Weight lbs. (kg)	Flow Range	
				GPM	LPM
4801	1" (2.5 cm)	8 15/16" (22.7 cm)	2 7/8 (1.3 kg)	13, 25 or 40 *	50, 100 or 150 *
4802	1" (2.5 cm)	8 15/16" (22.7 cm)	3 1/4 (1.5 kg)	13, 25 or 40 *	50, 100 or 150 *
4804	1" (2.5 cm)	6" (15.2 cm)	2 (.9 kg)	13, 25 or 40 *	50, 100 or 150 *
4712	1" (2.5 cm)	9 5/8" (24.4 cm)	4 3/8 (2.0 kg)	60	230
4812	1" (2.5 cm)	9 5/8" (24.4 cm)	4 3/8 (2.0 kg)	60	230
4713	1" (2.5 cm)	9 5/8" (24.4 cm)	4 (1.8 kg)	60	230
4813	1" (2.5 cm)	9 5/8" (24.4 cm)	4 (1.8 kg)	60	230

* Must specify flow option

Improved 1 1/2" Assault Nozzles

- Smaller
- Lighter
- Quick change pattern adjustment
- SPECIFY PRESSURE AND FLOW, see chart to right
- Use Quick-Attack Foam Tube Style 777
- Optional 6 bar available



Style 4817

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



Style 4817

- 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 + Style 2116 shutoff
- 4819** 1 1/2" Assault Breakpart Nozzle with Spinning Teeth
 - Combination of Style 4817 tip + 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 + Style 2127 shutoff

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

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

Style	Swivel Inlet	Length	Weight lbs. (kg)	Flow Range	
				GPM	LPM
4714	1 1/2" (3.8 cm)	6 1/2" (16.5 cm)	2 3/4 (1.2 kg)	60-200	230-750
4715	1 1/2" (3.8 cm)	8 3/8" (21.3 cm)	3 1/2 (1.6 kg)	60-200	230-750
4716	1 1/2" (3.8 cm)	10 1/2" (26.7 cm)	4 (1.8 kg)	60-200	230-750
4717	1 1/2" (3.8 cm)	6 1/2" (16.5 cm)	2 3/4 (1.2 kg)	60-200	230-750
4718	1 1/2" (3.8 cm)	11" (27.9 cm)	4 5/8 (2.2 kg)	60-200	230-750
4720	1 1/2" (3.8 cm)	8 3/8" (21.3 cm)	3 3/4 (1.7 kg)	60-200	230-750
4814	1 1/2" (3.8 cm)	6 1/2" (16.5 cm)	2 3/4 (1.2 kg)	60-200	230-750
4815	1 1/2" (3.8 cm)	8 3/8" (21.3 cm)	4 (1.8 kg)	60-200	230-750
4816	1 1/2" (3.8 cm)	10 1/2" (26.7 cm)	4 (1.8 kg)	60-200	230-750
4817	1 1/2" (3.8 cm)	6 1/2" (16.5 cm)	2 3/4 (1.2 kg)	60-200	230-750
4818	1 1/2" (3.8 cm)	11" (27.9 cm)	4 5/8 (2.2 kg)	60-200	230-750
4819	1 1/2" (3.8 cm)	10 7/8" (27.6 cm)	4 1/4 (1.9 kg)	60-200	230-750
4820	1 1/2" (3.8 cm)	8 3/8" (21.3 cm)	4 1/4 (1.9 kg)	60-200	230-750
4821	1 1/2" (3.8 cm)	10 7/8" (27.6 cm)	4 1/4 (1.9 kg)	60-200	230-750

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 13 - 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" (3.8 cm)	8 3/8" (21.3 cm)	3 1/2 (1.6 kg)	90 & 125 only *	360 & 475 only*
4820E	1 1/2" (3.8 cm)	8 3/8" (21.3 cm)	3 3/4 (1.7 kg)	90 & 125 only *	360 & 475 only*

* Must specify

Improved Mid-Range Assault Nozzles

- Smaller
- Lighter
- Quick change pattern adjustment
- SPECIFY PRESSURE AND FLOW, see chart below
- Use Quick-Attack Foam Tube Style 777

4862 Mid-Range Assault Nozzle

4863 Mid-Range Assault Nozzle with Pistol Grip

4864 Mid-Range Assault Breakapart Nozzle

- Combination of Style 4867 tip + Style 2129 shutoff

4865 Mid-Range Assault Breakapart Nozzle with Pistol Grip

- Combination of Style 4867 tip + 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)	Flow Range	
				GPM	LPM
4862	1 1/2" (3.8 cm)	8 3/4" (22.2 cm)	4 (1.8 kg)	150-225	550-850
4863	1 1/2" (3.8 cm)	9" (22.2 cm)	4 1/4 (1.9 kg)	150-225	550-850
4864	1 1/2" (3.8 cm)	10 7/8" (27.6 cm)	4 1/4 (1.9 kg)	150-225	550-850
4865	1 1/2" (3.8 cm)	10 7/8" (27.6 cm)	4 5/8 (2.1 kg)	150-225	550-850
4866	1 1/2" (3.8 cm)	6 1/2" (16.5 cm)	2 3/4 (1.2 kg)	150-225	550-850
4867	1 1/2" (3.8 cm)	6 1/2" (16.5 cm)	2 3/4 (1.2 kg)	150-225	550-850

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

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

2 1/2" Assault Nozzles

• SPECIFY PRESSURE AND FLOW, see chart below

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

Style	Swivel Inlet	Length	Weight lbs. (kg)	Flow Range	
				GPM	LPM
4822	1 1/2" (3.8 cm)	11 1/2" (29.2 cm)	6 1/2 (7.5 kg)	200-350	750-1325
4823	1 1/2" (3.8 cm)	11 1/2" (29.2 cm)	7 1/4 (3.3 kg)	200-350	750-1325
4824	1 1/2" (3.8 cm)	8 1/4" (21.0 cm)	5 1/4 (2.4 kg)	200-350	750-1325
4825	2 1/2" (6.4 cm)	12 1/8" (20.6 cm)	7 1/8 (3.2 kg)	200-350	750-1325
4826	2 1/2" (6.4 cm)	12 1/8" (20.6 cm)	7 5/8 (3.5 kg)	200-350	750-1325
4827	1 1/2" (3.8 cm)	8 3/4" (22.2 cm)	5 7/8 (2.7 kg)	200-350	750-1325
4830	2 1/2" (6.4 cm)	16 3/4" (42.5 cm)	11 3/8 (5.2 kg)	200-350	750-1325
4834	1 1/2" (3.8 cm)	13 1/2" (34.3 cm)	8 (3.6 kg)	200-350	750-1325
4835	1 1/2" (3.8 cm)	13 1/8" (33.3 cm)	7 5/8 (3.5 kg)	200-350	750-1325
4836	2 1/2" (6.4 cm)	14" (35.6 cm)	8 3/4 (4.0 kg)	200-350	750-1325
4837	2 1/2" (6.4 cm)	9 1/2" (24.1 cm)	6 1/2 (2.9 kg)	200-350	750-1325
4838	2 1/2" (6.4 cm)	13 5/8" (34.6 cm)	8 1/2 (3.9 kg)	200-350	750-1325

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



Style 4825



Style 4830

2 1/2" Assault Nozzles Pressure & Flow Options

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

2 1/2" Assault Nozzles Pressure & Flow Options

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