



Technical Data: Flow & Reach Data

Assault™ Nozzles Rated At 100 Psi												
Style	100 PSI Flow Setting	Actual Flow				Straight Stream Reach*						
		75 PSI 5 BAR	100 PSI 7 BAR	125 PSI 8.5 BAR		Effective			Overall			
						75 PSI 5 BAR	100 PSI 7 BAR	125 PSI 8.5 BAR	75 PSI 5 BAR	100 PSI 7 BAR	125 PSI 8.5 BAR	
4801, 4802 4804	13 50	11 42	13 49	15 57	gpm lpm	57 77	67 20	74 23	67 20	77 23	84 26	feet meters
	25 95	22 83	25 95	28 106	gpm lpm	70 21	77 23	87 27	80 24	87 27	97 30	feet meters
	40 150	35 132	40 150	45 170	gpm lpm	77 23	85 26	97 30	87 27	95 29	107 33	feet meters
4714, 4715 4717, 4720 4814, 4815 4817, 4820 4862, 4863 4866, 4867	95 360	82 310	95 360	106 401	gpm lpm	87 30	117 36	127 39	107 33	127 39	137 42	feet meters
	125 475	108 409	125 475	140 530	gpm lpm	117 36	127 39	130 40	127 39	137 42	140 44	feet meters
	150 550	130 492	150 550	168 636	gpm lpm	137 42	142 43	155 47	147 45	152 46	165 50	feet meters
	175 660	152 575	175 660	196 742	gpm lpm	145 44	153 47	165 50	155 47	163 50	175 53	feet meters
	200 750	173 655	200 750	224 848	gpm lpm	130 40	145 44	164 50	140 44	155 47	174 53	feet meters
4822, 4823 4824, 4825 4826, 4827 4837	200 750	173 655	200 750	224 848	gpm lpm	160 49	190 58	195 59	170 52	200 61	205 62	feet meters
	250 950	217 821	250 950	280 1060	gpm lpm	185 56	195 59	215 65	195 59	205 62	225 68	feet meters
	300 1140	260 984	300 1140	335 1268	gpm lpm	185 56	215 65	225 68	195 59	225 68	235 72	feet meters
	350 1325	303 1147	350 1325	391 1480	gpm lpm	185 56	210 64	225 68	195 59	220 67	235 72	feet meters

Assault Nozzles Rated At 75 Psi												
Style	75 PSI Flow Setting	Actual Flow				Effective			Overall			
		75 PSI 5 BAR	100 PSI 7 BAR	125 PSI 8.5 BAR		75 PSI 5 BAR	100 PSI 7 BAR	125 PSI 8.5 BAR	75 PSI 5 BAR	100 PSI 7 BAR	125 PSI 8.5 BAR	
4714, 4715 4717, 4720 4814, 4815 4817, 4820 4862, 4863 4866, 4867	95 360	95 360	110 416	123 466	gpm lpm	107 33	125 38	127 39	117 39	135 41	137 42	feet meters
	125 475	125 475	144 545	161 609	gpm lpm	127 39	130 40	135 41	137 42	140 43	145 44	feet meters
	150 550	150 550	173 655	194 734	gpm lpm	127 39	140 43	145 44	137 42	150 46	155 47	feet meters
	175 660	175 660	202 765	226 855	gpm lpm	127 39	146 45	150 46	137 42	156 48	160 49	feet meters
4822, 4823 4824, 4825 4826, 4827 4837	200 750	200 750	231 874	258 977	gpm lpm	162 48	170 52	172 52	186 57	194 59	196 58	feet meters
	250 950	250 950	289 1094	323 1223	gpm lpm	165 50	176 54	178 54	188 57	196 60	198 60	feet meters
	300 1140	300 1140	346 1310	387 1465	gpm lpm	171 52	179 55	181 55	190 58	198 60	200 61	feet meters

Solid Bore Tips									
Style	Size	Nozzle Pressure		Actual Flow		Straight Stream Reach*			
		PSI	BAR	GPM	LPM	Effective		Overall	
						FEET	METERS	FEET	METERS
1430	1/2"	50	3.5	53	201	97	30	110	34
		80	5.5	66	250	121	37	140	43
439	1/2"	50	3.5	53	201	94	29	102	31
		80	5.5	66	250	106	32	123	37
439	15/16"	50	3.5	182	689	142	43	152	46
		80	5.5	230	871	175	53	185	56

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

Technical Data