



Technical Data: Flow & Reach Data

AKRON BRASS COMPANY | PH. 800.228.1161 (330.264.5678) | FAX 800.531.7335 (330.264.2944) | www.akronbrass.com

SaberJet™ Fog Flow				
Style	Inlet Pressure		Flow	
	(PSI)	(BAR)	(GPM)	(LPM)
1512 1513	50	3.5	42	160
	75	5	52	197
	100	7	60	227
1515 1520	50	3.5	67	254
	75	5	82	310
	100	7	95	360
1522, 1523 1525, 1526 1532, 1533 1535, 1536	50	3.5	95	360
	75	5	118	447
	100	7	135	511

SaberJet Combination Flows					
Style	Tip Size	Inlet Pressure		Flow	
		(PSI)	(BAR)	(GPM)	(LPM)
1512 1513	3/8"	50	3.5	66	250
		75	5	78	295
	1/2"	50	3.5	88	333
		75	5	107	405
	5/8"	50	3.5	108	409
		75	5	136	515
1515 1520	3/8"	50	3.5	94	356
		75	5	118	447
	1/2"	50	3.5	110	416
		75	5	140	530
	5/8"	50	3.5	136	515
		75	5	170	643
1522 1523 1525 1526	3/4"	50	3.5	199	753
		75	5	247	935
	7/8"	50	3.5	232	878
		75	5	289	1094
	15/16"	50	3.5	250	946
		75	5	313	1185
1"	50	3.5	270	1022	
	75	5	334	1264	

SaberJet Solid Bore Flow								
Tip Size	Inlet Pressure		Solid Bore Flow		Solid Bore Reach*			
					Effective		Overall	
	(PSI)	(BAR)	(GPM)	(LPM)	FEET	METERS	FEET	METERS
3/8"	50	3.5	30	114	57	17	67	20
	75	5	36	137	67	20	77	23
1/2"	50	3.5	53	201	67	20	77	23
	75	5	64	243	87	27	97	30
5/8"	50	3.5	82	312	87	27	97	30
	75	5	101	384	107	33	117	36
3/4"	50	3.5	118	448	108	35	122	37
	75	5	145	551	117	36	135	41
7/8"	50	3.5	161	612	135	41	144	44
	75	5	197	749	156	47	165	50
15/16"	50	3.5	185	703	139	42	146	44
	75	5	226	859	161	49	170	52
1"	50	3.5	210	798	146	44	155	47
	75	5	257	977	165	50	170	52

Aquamaster™ & Mercury Master Stream Nozzles										
Style	Nozzle Pressure		Flow Setting		Actual Flow		Straight Stream Reach*			
							Effective		Overall	
	PSI	BAR	GPM	LPM	GPM	LPM	FEET	METERS	FEET	METERS
4450 4452 *4445 *4447	75	5	300	1140	260	984	155	47	165	50
			500	1900	435	1646	180	55	190	58
			700	2660	605	2290	180	55	190	58
*500 8pm MAX	100	7	300	1140	300	1140	175	53	185	56
			500	1900	500	1900	210	64	220	67
			700	2660	700	2660	205	62	215	66
	125	8.5	300	1140	335	1268	200	61	220	64
			500	1900	560	2120	230	70	240	73
			700	2660	785	2971	210	64	222	68

Rampage™ Master Stream Nozzles										
Style	Nozzle Pressure		Flow Setting		Actual Flow		Straight Stream Reach*			
							Effective		Overall	
	PSI	BAR	GPM	LPM	GPM	LPM	FEET	METERS	FEET	METERS
4460 4461	75	5	500	1900	433	1646	195	59	205	63
			750	2900	650	2460	230	70	240	73
			1000	3800	866	3278	240	73	250	76
	100	7	500	1900	500	1900	210	64	220	67
			750	2900	750	2900	265	81	270	82
			1000	3800	1000	3800	275	84	285	87
	125	8.5	500	1900	560	2120	230	70	240	73
			750	2900	839	3176	275	84	285	87
			1000	3800	1118	4232	290	88	300	91

SaberMaster™ 500 Solid Bore Flow								
Style	Nozzle Pressure		Solid Bore Flow		Straight Stream Reach*			
					Effective		Overall	
	PSI	BAR	GPM	LPM	FEET	METERS	FEET	METERS
1545	50	3.5	380	1438	160	49	107	52
	75	5	480	1817	185	56	210	64
	100	7	557	2108	230	70	250	76
	125	8.5	615	2328	240	73	260	79
1577	80	5.5	1063	4023	270	82	290	88

Black Widow™ Master Stream Nozzles										
Style	Nozzle Pressure		Flow Setting		Actual Flow		Straight Stream Reach*			
							Effective		Overall	
	PSI	BAR	GPM	LPM	GPM	LPM	FEET	METERS	FEET	METERS
2151	100	7	300	1140	300	1140	180	55	-	-
2152			500	1900	500	1900	210	64	-	-
2155			700	2660	700	2660	230	70	-	-
2156 2158			1000	3800	1000	3800	240	73	-	-

* 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.