



SELECT-O-FLOW MASTER STREAM NOZZLE FLOW

The flow and effective reach data found on the following pages is compiled and updated by our engineering staff in the testing area of our assembly department. The flow is determined by an electronic flowmeter while a piezometer gauge at the base/inlet of the nozzle establishes the "nozzle pressure."

The effective reach is determined by elevating the nozzle to 32 degrees above horizontal and at a height of 4' above ground level. The reach of Straight Stream, Narrow Fog (30 degrees) and Wide Fog (90 degrees) are then established by measuring where the last water droplets are falling at ground level. These tests are conducted in "still air" conditions, so the actual results will vary depending upon conditions.

Catalog No.	GPM	Stream Setting	Discharge in U.S. GPM									Effective Reach in Feet								
			Nozzle Pressure PSI									Nozzle Pressure PSI								
			40	50	60	70	80	90	100	125	40	50	60	70	80	90	100	125		
CSW	300	SS									107	121	130	137	142	147	150	159		
		Narrow Fog	190	210	230	250	270	285	300	330	76	87	97	104	110	115	120	128		
		Wide Fog									49	54	58	62	65	68	71	78		
	550	SS									135	149	162	172	181	188	194	208		
		Narrow Fog	350	390	425	460	490	520	550	615	92	101	109	117	125	133	140	154		
		Wide Fog									48	52	56	60	63	67	71	81		
	750	SS									140	165	180	191	202	213	221	252		
		Narrow Fog	480	535	580	625	670	715	750	830	94	104	114	124	133	143	152	172		
		Wide Fog									46	49	52	54	56	58	60	65		
CSW-L CSW-LB	350	SS								109	125	131	137	142	146	150	155			
		Narrow Fog	222	250	270	290	310	330	350	390	61	65	69	73	77	82	87	100		
		Wide Fog									41	45	49	53	56	58	60	65		
	500	SS									119	134	142	150	158	165	173	190		
		Narrow Fog	322	360	396	432	464	490	516	580	68	72	77	82	87	92	97	110		
		Wide Fog									36	40	44	48	52	56	60	70		
	750	SS									150	178	191	202	211	222	235	264		
		Narrow Fog	490	540	595	640	680	720	750	845	91	105	117	129	140	150	158	175		
		Wide Fog									60	64	71	82	90	101	107	112		
	1000	SS									168	192	215	236	251	266	278	291		
		Narrow Fog	645	725	785	845	900	955	1000	—	84	96	108	115	125	136	146	163		
		Wide Fog									61	69	77	84	91	102	115	119		
1250	SS									180	200	220	240	260	280	350	—			
	Narrow Fog	790	880	960	1035	1100	1160	1250	—	104	120	135	145	155	165	175	—			
	Wide Fog									71	84	98	112	123	132	140	—			