



SELECT-O-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							
			50	75	100	150	200	300	400	500	50	75	100	150	200	300	400	500
S-O Series	12	SS									46	55	59	64	68	73	77	80
		Narrow Fog	11	13	14	17	18	23	25	29	25	32	34	36	38	42	46	49
		Wide Fog									15	18	20	23	25	29	33	35
	23	SS									53	65	75	81	83	84	86	87
		Narrow Fog	20	25	27	32	37	45	52	58	40	43	45	55	60	65	70	75
		Wide Fog									24	26	30	37	39	41	45	48

Catalog No.	GPM	Stream Setting	Discharge in U.S. GPM								Effective Reach in Feet							
			Nozzle Pressure PSI								Nozzle Pressure PSI							
			40	50	75	100	125	150	175	200	40	50	75	100	125	150	175	200
L-O Series	40	SS									53	60	73	61	85	86	86.5	87
		Narrow Fog	26	28	35	41	47	51	55	58	37	40	42	43	44	45	48	50
		Wide Fog									26	28	30	31	32	33	34	35
	60	SS									68	75	92	103	110	115	120	123
		Narrow Fog	39	43	41	60	68	75	81	86	36	38	45	50	55	60	70	75
		Wide Fog									27	28	32	35	38	42	48	54
	95	SS									76	83	100	107	115	120	125	130
		Narrow Fog	65	73	88	101	112	122	130	136	41	45	55	65	70	75	85	95
		Wide Fog									28	30	36	43	49	55	60	65
	125	SS									91	100	118	130	140	150	155	157
		Narrow Fog	81	89	111	126	141	157	172	187	46	50	60	68	75	83	90	95
		Wide Fog									28	30	35	40	45	50	55	60
SOS D 800-SOS S	170	SS	85	100	122	142	163	—	—	—	84	92	100	108	115	—	—	—
		Narrow Fog	103	114	139	162	178	—	—	—	49	55	65	70	75	—	—	—
		Wide Fog	139	154	185	213	234	—	—	—	31	32	37	44	47	—	—	—
	250	SS	98	108	127	145	160	—	—	—	87	94	105	112	120	—	—	—
		Narrow Fog	156	173	210	245	278	—	—	—	56	60	70	75	80	—	—	—
		Wide Fog	203	225	278	323	368	—	—	—	33	35	40	45	50	—	—	—

