



SELECT-O-STREAM 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
CJ Series IMS IMS-N	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
CJN CJN-BN CJN-RC CJN-B CJN-B-RC	750	SS								148	170	184	198	212	226	238	236	
		Narrow Fog	496	550	596	640	680	716	750	840	80	89	98	107	117	126	135	159
		Wide Fog									58	65	71	77	83	89	95	105
	1000	SS									159	180	204	225	242	252	263	289
		Narrow Fog	676	725	800	853	945	962	1000	1153	104	115	125	135	144	152	160	180
		Wide Fog									59	66	72	80	88	98	100	118