

		1 1/2" HOSE						1 3/4" HOSE						2" HOSE						
		150 ft.		200 ft.		250 ft.		150 ft.		200 ft.		250 ft.		150 ft.		200 ft.		250 ft.		
PUMP DISCHARGE PRESSURE	RECOMMENDED PRESSURE	50	21 8	49 16	21 7	48 15	21 7	46 14	21 8	51 17	21 8	50 16	21 7	49 16	22 8	52 18	22 8	52 18	22 8	51 17
		75	31 13	61 24	29 12	59 23	28 12	57 21	32 14	65 27	32 14	62 25	31 13	60 24	36 15	69 29	35 15	68 28	34 15	66 27
		100	65 30	86 37	59 27	77 33	55 25	71 30	72 34	102 45	67 32	91 40	63 29	84 36	84 41	137 61	79 38	120 35	75 36	108 48
		125	93 45	115 51	84 40	101 44	77 37	92 40	108 54	142 63	97 48	124 55	91 44	111 49	135 69	216 91	122 62	175 77	113 57	155 69
		150	117 59	141 63	105 52	123 55	96 47	110 49	141 72	178 79	125 63	153 68	114 57	137 61	196 101	---	168 87	221 95	151 78	195 85
		175	140 72	165 73	124 63	142 63	112 57	128 57	174 90	214 90	151 78	179 79	136 70	159 70	---	---	212 109	---	187 97	224 98
		200	162 84	187 81	141 73	160 71	128 65	143 64	204 105	---	175 91	204 87	157 81	179 79	---	---	---	---	222 113	---
		225	183 94	208 88	158 82	176 78	142 73	157 70	---	---	198 102	222 95	176 91	198 86	---	---	---	---	---	---
		250	202 104	222 96	174 90	191 83	155 80	170 75	---	---	218 112	---	194 100	216 91	---	---	---	---	---	---

- NOTE:** (1) Number on top in each box indicates flow, and number on bottom indicates nozzle reaction.
(2) The average nozzle operating pressure is 100 PSI, or 75 PSI for 75 PSI models.
(3) Flows may vary with brand or condition of hose.
(4) Flows are approximate and do not reflect losses in preconnect piping.

Mid-Matic Flow And Nozzle Reaction Chart **For Various Pump Discharge Pressures And Hoselays**

BLACK = STANDARD 100 PSI BLUE = 75PSI LOW PRESSURE