

# Mid-Force 75/45 PSI

## Flow And Nozzle Reaction Chart

**STD** = STANDARD PRESSURE MODE

**LP** = LOW PRESSURE MODE

FLOW (GPM)  
REACTION  
(LBS)

		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.	
		STD	LP	STD	LP	STD	LP	STD	LP	STD	LP	STD	LP	STD	LP	STD	LP	STD	LP
PUMP DISCHARGE PRESSURE (PSI)	50	43 14	69 20	43 14	62 18	42 13	57 16	45 15	84 25	44 15	74 21	43 14	67 19	45 15	84 25	45 16	97 29	45 15	89 26
	75	55 22	104 32	53 21	92 27	51 20	83 24	59 24	121 39	57 23	110 34	55 22	101 30	64 27	155 53	62 26	140 47	60 25	128 42
	100	78 35	127 42	72 32	113 35	68 29	103 31	91 41	153 52	82 37	136 45	77 34	123 40	122 56	182 71	105 48	171 63	97 44	162 56
	125	108 50	149 50	96 43	131 43	86 39	119 38	134 62	174 65	118 54	159 55	105 48	145 48	203 89	204 89	166 75	192 79	146 67	181 70
	150	136 63	166 60	119 54	148 50	106 49	134 44	173 78	191 78	148 68	174 66	132 60	162 57	— —	— —	210 95	210 95	189 85	199 85
	175	162 73	180 70	138 64	163 57	124 57	147 50	206 91	206 91	175 79	189 77	155 71	175 66	— —	— —	— —	— —	215 99	214 99
	200	183 82	192 79	157 72	174 65	140 64	160 55	220 104	220 104	201 88	202 87	176 80	188 76	— —	— —	— —	— —	— —	— —
	225	204 90	204 89	174 79	184 73	155 71	170 62	— —	— —	214 98	214 98	196 86	199 85	— —	— —	— —	— —	— —	— —

**CAUTION:** Changing to Low Pressure mode will typically increase nozzle reaction.

(1) Number on top in each box indicates flow (GPM), and number on bottom indicates nozzle reaction (LBS). (2) In Standard mode, the average nozzle pressure is 100 PSI. (3) Flows may vary with brand or condition of hose. (4) Flows are approximate and do not reflect losses in preconnect piping.