PUMP DISCHARGE PRESSURE / RECOMMENDED PRESSURE	1 1/2" HOSE						1 3/4" HOSE						2" HOSE					
FLOW/GPM / REACTION/LBS	150 ft.		200 ft		250 ft.		150 ft.		200 ft		250 ft.		150 ft.		200 ft		250 ft.	
50	21 8	55 17	21 7	50 16	21 7	46 14	21 8	65 21	21 8	60 19	21 7	54 17	22 8	82 27	22 8	75 24	22 8	68 22
75	31 13	93 31	29 12	83 27	28 12	75 24	32 14	111 38	32 14	100 33	31 13	91 30	36 15	141 51	35 15	128 45	34 15	119 41
100	65 30	121 42	59 27	107 36	55 25	97 32	72 34	143 52	67 32	129 45	63 29	117 40	84 41	184 72	79 38	167 63	75 36	153 56
125	93 45	143 52	84 40	126 44	77 37	114 39	108 54	172 65	97 48	152 56	91 44	138 50	135 69	213 90	122 62	198 79	113 57	182 70
150	117 59	163 61	105 52	143 52	96 47	130 46	141 72	195 77	125 63	174 66	114 57	158 58	196 101	--- ---	168 87	220 95	151 78	205 84
175	140 72	180 69	124 63	159 59	112 57	143 52	174 90	213 90	151 78	192 76	136 70	175 66	--- ---	--- ---	212 109	--- ---	187 97	223 98
200	162 84	196 78	141 73	173 66	128 65	156 58	204 105	228 102	175 91	207 86	157 81	189 75	--- ---	--- ---	--- ---	--- ---	222 113	--- ---
225	183 94	209 87	158 82	186 72	142 73	168 63	--- ---	--- ---	198 102	221 96	176 91	203 83	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---
250	202 104	221 96	174 90	198 79	155 80	179 69	--- ---	--- ---	218 112	--- ---	194 100	215 91	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---

CAUTION: Low Pressure mode will typically increase nozzle reaction.

NOTE: (1) Number on top in each box indicates flow, and number on bottom indicates nozzle reaction.
(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 (nearest 5 GPM) and do not reflect losses in preconnect piping.

Mid-Force Flow And Nozzle Reaction Chart

For Various Pump Discharge Pressures And Hoselays

BLACK = STANDARD 100 PSI ***BLUE = LOW PRESSURE***