

		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	FLOW/GPM	25	75	25	70	25	65	25	85	25	80	25	75	25	90	25	90	25	85
		REACTION/LBS	9	20	9	18	9	15	9	26	9	23	9	20	9	29	9	29	9	26
		50	35	95	35	90	35	85	35	105	35	100	35	95	35	120	35	110	35	105
		15	32	15	29	15	26	15	38	15	35	15	32	15	47	15	41	15	38	
		75	60	110	55	105	50	95	65	130	60	115	60	110	75	160	70	145	70	135
		28	41	26	38	23	32	31	52	28	44	28	41	36	67	34	59	34	54	
		100	90	130	80	120	75	110	105	155	95	140	85	130	140	200	120	180	110	165
		45	52	39	47	36	41	53	64	47	57	42	52	71	90	61	78	56	70	
		125	115	150	105	135	95	120	145	180	125	160	115	145	200	230	175	210	155	190
58	62	53	54	47	47	74	78	64	67	58	59	101	108	89	95	79	84			
150	140	170	125	150	110	135	180	205	155	180	135	165	250	260	215	235	195	215		
71	72	64	62	56	54	91	93	79	78	69	70	127	128	109	111	99	98			
175	165	185	145	165	130	150	205	220	180	200	160	180	----	----	250	255	220	235		
84	81	74	70	66	62	104	105	91	90	81	78	----	----	127	125	112	111			
200	185	200	160	180	145	160	230	240	200	215	180	195	----	----	----	280	250	255		
94	90	81	78	74	67	117	115	101	98	91	86	----	----	----	----	127	125			
225	205	215	175	190	160	170	250	260	220	230	195	210	----	----	----	----	270	275		
104	98	89	84	81	72	127	128	112	108	99	95	----	----	----	----	139	139			
250																				

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.

Dual-Force Flow And Nozzle Reaction Chart

BLACK = STANDARD 100 PSI

BLUE = LOW PRESSURE