

## 9.0 NOZZLE FLOW CHARTS

100 PSI = 100 PSI ULTIMATIC

75 PSI = 75 PSI ULTIMATIC

### ULTIMATIC 125 Flow Chart

FLOW (GPM)	PUMP DISCHARGE PRESSURE (PSI)	3/4" HOSE						1" HOSE						1 1/2" HOSE					
		150 ft.		200 ft.		250 ft.		150 ft.		200 ft.		250 ft.		150 ft.		200 ft.		250 ft.	
		100 PSI	75 PSI	100 PSI	75 PSI	100 PSI	75 PSI	100 PSI	75 PSI	100 PSI	75 PSI	100 PSI	75 PSI	100 PSI	75 PSI	100 PSI	75 PSI	100 PSI	75 PSI
125	10	22	—	19	—	17	23	53	20	47	18	42	70	108	60	97	50	89	
150	16	25	13	21	11	19	34	61	29	54	26	49	100	125	85	114	75	106	
175	20	27	17	24	15	21	42	68	36	60	32	55	125	—	110	—	95	118	
200	23	30	20	26	18	23	50	75	42	66	38	60	—	—	125	—	110	—	
225	26	32	22	28	20	25	56	82	48	71	42	65	—	—	—	—	125	—	
250	29	34	25	30	22	27	62	88	52	77	46	69	—	—	—	—	—	—	
300	34	38	29	33	26	30	72	99	62	86	54	78	—	—	—	—	—	—	
350	38	42	33	37	29	33	80	109	70	95	62	85	—	—	—	—	—	—	
400	42	45	36	39	32	35	90	117	78	103	68	93	—	—	—	—	—	—	
450	46	49	39	42	34	38	98	—	84	110	74	99	—	—	—	—	—	—	
500	49	52	42	45	37	40	105	—	90	117	80	106	—	—	—	—	—	—	
600	55	57	48	50	42	44	120	—	100	—	90	117	—	—	—	—	—	—	

(1) Number in each box indicates flow (GPM). (2) Flows may vary with brand or condition of hose.  
 (3) Flows are approximate and do not reflect losses in preconnect piping.

7 BAR = 7 BAR ULTIMATIC

6 BAR = 6 BAR ULTIMATIC

### ULTIMATIC 125 Flow Chart

FLOW (LPM)	PUMP DISCHARGE PRESSURE (BAR)	19mm HOSE						25mm HOSE						38mm HOSE					
		45M		60M		75M		45M.		60M		75M		45M		60M		75M	
		7 BAR	6 BAR	7 BAR	6 BAR	7 BAR	6 BAR	7 BAR	6 BAR	7 BAR	6 BAR	7 BAR	6 BAR	7 BAR	6 BAR	7 BAR	6 BAR	7 BAR	6 BAR
8.6	40	85	----	70	----	65	85	200	75	180	70	160	265	410	225	365	190	335	
10	60	95	50	80	40	70	130	230	110	205	100	185	380	475	320	430	285	400	
12	75	100	65	90	55	80	160	255	135	225	120	210	475	----	415	----	360	445	
14	85	115	75	100	70	85	190	285	160	250	145	225	----	----	475	----	415	----	
15.5	100	120	85	105	75	95	210	310	180	270	160	245	----	----	----	----	475	----	
17	110	130	95	115	85	100	235	335	195	290	175	260	----	----	----	----	----	----	
21	130	145	110	125	100	115	275	375	235	325	205	295	----	----	----	----	----	----	
24	145	160	125	140	110	125	305	415	265	360	235	320	----	----	----	----	----	----	
28	160	170	135	150	120	130	340	445	295	390	255	350	----	----	----	----	----	----	
31	175	185	150	160	130	145	370	----	320	415	280	375	----	----	----	----	----	----	
34	185	195	160	170	140	150	395	----	340	445	305	400	----	----	----	----	----	----	
41	210	215	180	190	160	165	455	----	380	----	340	445	----	----	----	----	----	----	

(1) Number in each box indicates flow (LPM). (2) Flows may vary with brand or condition of hose.  
 (3) Flows are approximate and do not reflect losses in preconnect piping. (4) 1 BAR = 100 KPA