

FLOW (GPM) AT FULL LOAD (100%) AND REDUCED LOAD POSITIONS

1/2"-1" PIC-V® HOUSING

Valve (100%)	GPM											
	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	15.0
90%	1.1	2.0	3.0	3.9	4.8	5.5	6.0	7.3	7.0	7.5	7.5	14.0
85%	1.1	1.9	2.9	3.6	4.3	4.8	5.2	6.4	6.2	6.7	6.9	14.0
80%	1.1	1.7	2.7	3.2	3.8	4.0	4.6	5.8	5.5	6.1	6.4	9.6
75%	0.95	1.5	2.4	2.9	3.3	3.3	3.8	5.1	4.9	5.5	5.7	7.5
70%	0.90	1.3	2.1	2.5	2.9	3.1	2.9	4.6	4.3	5.0	4.9	6.5
65%	0.80	1.1	1.9	2.2	2.5	2.6	2.6	3.9	3.8	4.2	4.3	5.8
60%	0.60	0.95	1.7	1.9	2.2	2.2	2.2	3.3	3.2	3.7	3.7	5.0
55%	0.55	0.80	1.5	1.7	2.0	2.0	1.9	2.9	2.9	3.1	3.1	4.5
50%	0.40	0.75	1.3	1.4	1.7	1.7	1.6	2.5	2.4	2.7	2.6	3.9
45%	0.35	0.60	1.1	1.1	1.3	1.3	1.3	2.0	2.0	2.1	2.1	3.3
40%	0.30	0.45	0.85	0.80	1.1	1.0	0.86	1.5	1.4	1.6	1.7	2.9
35%	0.25	0.25	0.60	0.55	0.75	0.70	0.55	0.85	0.85	1.0	1.1	2.4
30%	0.20	0.18	0.30	0.35	0.45	0.37	0.25	0.50	0.55	0.50	0.60	2.0
25%	0.15	0.15	0.15	0.15	0.26	0.22	0.12	0.22	0.17	0.22	0.24	1.4
20%	0.11	0.09	0.10	0.11	0.14	0.11	0.10	0.11	0.08	0.09	0.10	1.0
15%	0.09	0.11	0.15	0.08	0.11	0.09	0.08	0.09	0.09	0.07	0.12	0.35
10%	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.04	0.0	0.0
5%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Closed	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

1"L-1-1/2" PIC-V® HOUSING

Valve (100%)	GPM					
	10.0	15.0	20.0	25.0	30.0	35.0
90%	9.0	12.5	19.0	21.0	28.0	31.0
85%	8.0	11.0	16.8	19.0	25.0	29.0
80%	6.9	9.8	15.5	17.0	23.0	26.2
75%	6.0	8.8	13.8	15.0	20.0	23.0
70%	5.3	7.5	12.0	13.5	17.5	19.3
65%	4.6	6.2	10.0	11.6	15.0	17.0
60%	3.9	5.5	8.8	9.7	13.0	14.1
55%	3.5	5.0	6.9	7.8	11.0	12.0
50%	2.9	3.9	5.2	6.9	9.3	10.0
45%	2.5	3.5	4.7	5.7	7.5	8.1
40%	2.0	3.0	3.6	4.2	5.8	6.0
35%	1.7	2.5	2.6	3.3	4.3	5.0
30%	1.0	1.8	1.8	2.1	2.7	3.0
25%	0.50	1.1	1.1	1.2	1.2	1.5
20%	0.20	0.75	0.80	0.75	0.65	0.36
15%	0.15	0.40	0.50	0.37	0.45	0.15
10%	0.0	0.0	0.0	0.0	0.3	0.0
5%	0.0	0.0	0.0	0.0	0.0	0.0
Closed	0.0	0.0	0.0	0.0	0.0	0.0

1-1/2" L-3" PIC-V® HOUSING

Valve (100%)	GPM													
	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	95.0
95%	25.0	30.0	32.0	38.0	44.0	45.3	50.6	56.0	60.0	68.5	68.7	71.0	80.0	89.4
90%	24.3	28.0	29.6	35.0	41.0	40.4	46.0	51.0	55.0	64.7	62.5	66.5	75.0	84.0
85%	23.0	25.0	25.5	32.0	36.0	35.0	39.4	44.0	48.0	55.0	54.4	57.0	65.0	74.6
80%	21.0	22.0	22.1	26.0	32.0	30.0	33.0	36.5	41.0	47.6	46.6	49.0	55.0	62.8
75%	18.5	18.0	19.6	22.0	26.0	25.5	28.0	31.3	34.0	40.0	36.0	40.0	48.5	54.0
70%	17.0	15.6	16.7	19.0	23.0	21.0	23.8	26.0	29.0	33.0	31.0	34.0	42.5	46.0
65%	16.0	13.0	14.1	15.6	19.5	17.8	19.5	21.5	24.0	27.4	26.2	28.2	35.0	39.0
60%	14.0	10.7	11.9	13.0	16.0	14.6	15.8	18.0	20.0	22.6	21.5	24.0	29.0	33.0
55%	12.0	8.7	10.1	11.5	14.0	11.6	13.3	15.0	16.5	19.5	18.5	20.0	24.2	27.5
50%	10.7	6.8	8.8	9.5	11.8	9.0	10.8	12.0	13.8	15.6	15.2	16.2	19.7	22.5
45%	9.8	6.0	7.4	7.8	10.0	7.4	8.3	8.8	11.4	12.5	11.7	12.5	16.0	18.4
40%	8.3	4.8	6.1	6.2	8.8	6.0	6.7	6.7	8.5	9.5	8.9	9.7	12.5	15.1
35%	7.4	3.8	5.3	4.9	7.0	4.4	5.1	4.1	6.7	7.0	6.6	7.0	9.4	12.2
30%	6.4	3.0	4.3	3.6	5.6	2.9	3.7	2.4	4.7	5.0	4.0	4.1	6.8	9.5
25%	5.5	1.8	3.2	2.3	4.3	1.7	2.5	1.1	3.2	3.4	2.4	2.6	4.4	6.7
20%	4.0	1.2	2.3	1.4	3.2	0.67	1.4	0.60	2.2	2.2	2.1	1.3	2.4	5.0
15%	2.6	0.70	1.1	0.90	2.0	0.48	1.1	0.50	1.5	1.2	1.3	0.50	0.78	2.7
10%	1.4	0.70	0.72	0.70	1.0	0.44	0.75	0.30	0.90	0.70	0.85	0.40	0.30	0.80
5%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Closed	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

PIM-V™ HOUSING

Size Valve (100%)	GPM								
	3"			4"			6"		
	127	139	165	230	309	365	350	420	505
95%	127	139	165	230	309	365	350	420	505
90%	117	128	156	205	270	315	330	390	485
80%	95	103	133	155	207	245	270	335	390
70%	72	79	110	118	155	190	208	270	315
60%	54	58	87	88	110	137	154	205	250
50%	38	40	62	62	75	91	110	141	178
40%	25	26	43	35	46	57	73	95	120
30%	14	14	26	17	26	30	46	56	72
20%	5.5	3.6	12	5.3	9.5	11	20	26	32
10%	0.0	0.0	0.0	0.0	1.2	3	0.0	3.5	2.5
Closed	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0