

# CAPACITIES OF CONTROL VALVES FOR WATER

## Water Capacity Table Gallons Per Minute

### PRESSURE DROP—pounds per square inch

	1	5	10	20	30	40	50	60	80	100	125	150
½	2.7	6	9.1	13	16	19	21	25	27	31	34	39
¾	5.4	13	19	26	32	39	42	50	58	63	70	80
<b>1</b>	8	18	27	38	48	58	62	73	81	90	100	120
<b>1¼</b>	13	30	48	62	79	92	100	120	140	150	160	180
<b>1½</b>	22	48	73	99	120	150	160	190	220	240	270	300
<b>2</b>	30	67	100	140	170	210	230	270	300	350	380	420
<b>2½</b>	44	95	150	200	250	300	350	390	440	500	550	620
<b>3</b>	68	140	230	300	370	450	500	590	650	720	800	900
<b>4</b>	180	400	600	800	1000	1300	1400	1600	1800	2000	2400	2500
<b>6</b>	360	790	1200	1700	2100	2500	2700	3200	3600	4100	4800	5000
<b>8</b>	740	1700	2600	3500	4400	5400	5900	6900	7700	8800	9800	12000

**VALVE SIZES**

PRESSURE DROP IS DIFFERENCE BETWEEN INLET PRESSURE AND REDUCED PRESSURE.

### MULTIPLIERS TO BE USED

VALVE NO.	¾	1	1¼	1½	2	2½	3	4	5	6	8	10
700	.40	.40	.35	.35	.54	.44	.54	.35				
701					1.60	1.30	1.30	.90	1.00	1.00	.90	1.00
114-114R-116-116R	*	*	*	*	*	*	*	*	*	*	*	*
118-118R-119-119R	.55	.55	.55	.55	.55	.55	.55	.55	.55	.55	.55	.55
11A	.60	.60	.40	.60	.40	.40	.30					

\*USE TABLE AS SHOWN