

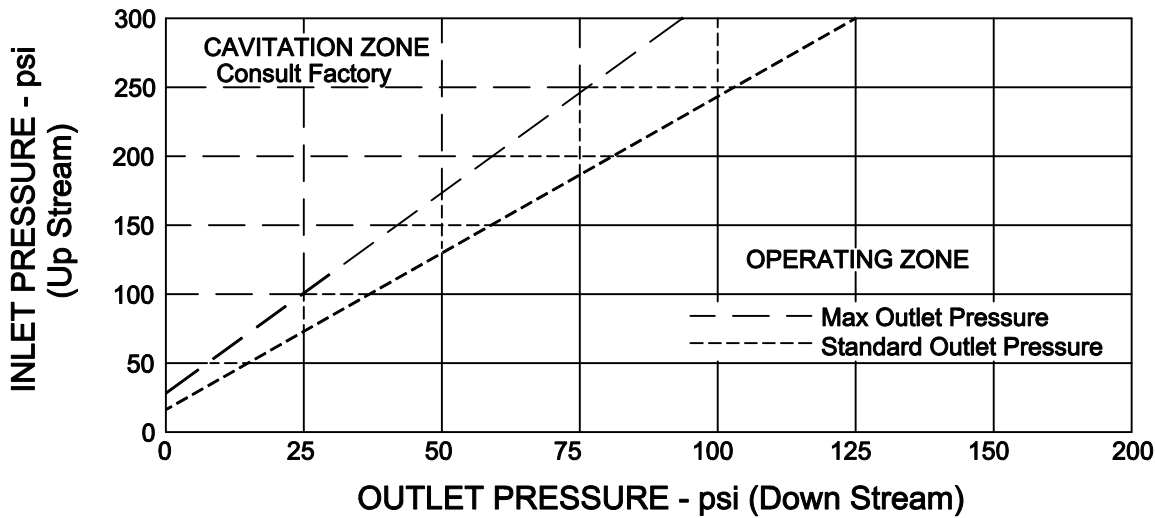
Cv Factor (Full Port)

U.S. SYSTEM: Cv = U.S. gal/min @ 1psi with 60°F water.

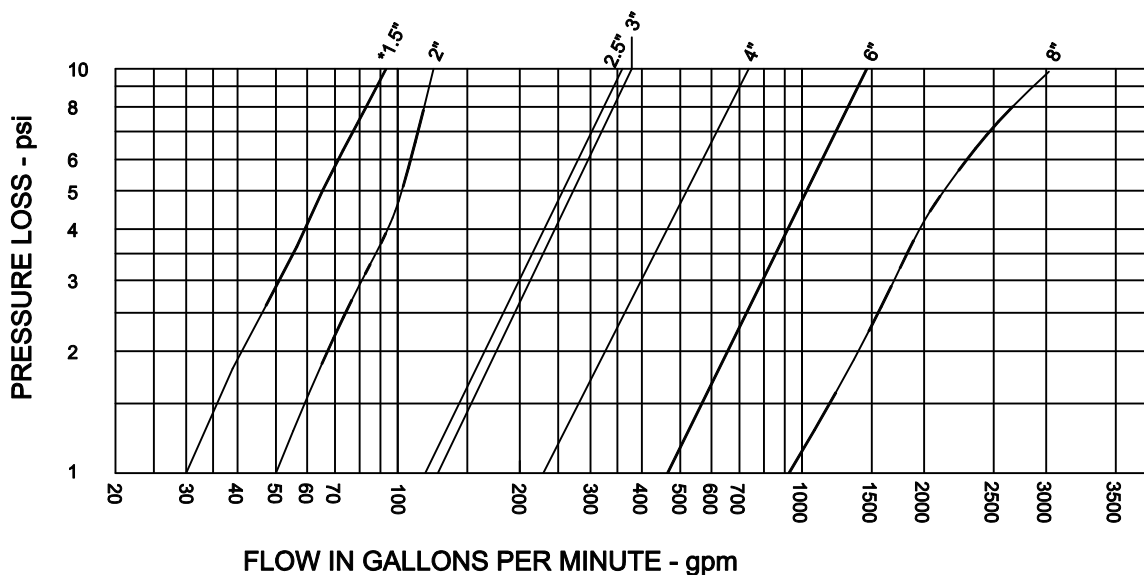
METRIC SYSTEM: Cv = liters/sec @ 1 kPa with 15°C water.

Valve Size	Inches	*1.5	2	2.5	3	4	6	8
	mm	40	50	65	80	100	150	200
Cv Factor	Gal/Min	29	48	110	110	205	462	980
	Litres/Sec	1.83	2.96	6.94	6.94	12.93	29.15	61.8
Equivalent Length of Pipe	Feet	42	57	70	85	113	170	228
	Meters	12.8	17.4	21.3	25.9	34.4	51.8	69.5

Cavitation Curve



Headloss



* 1-1/4" & 1-1/2" are the same

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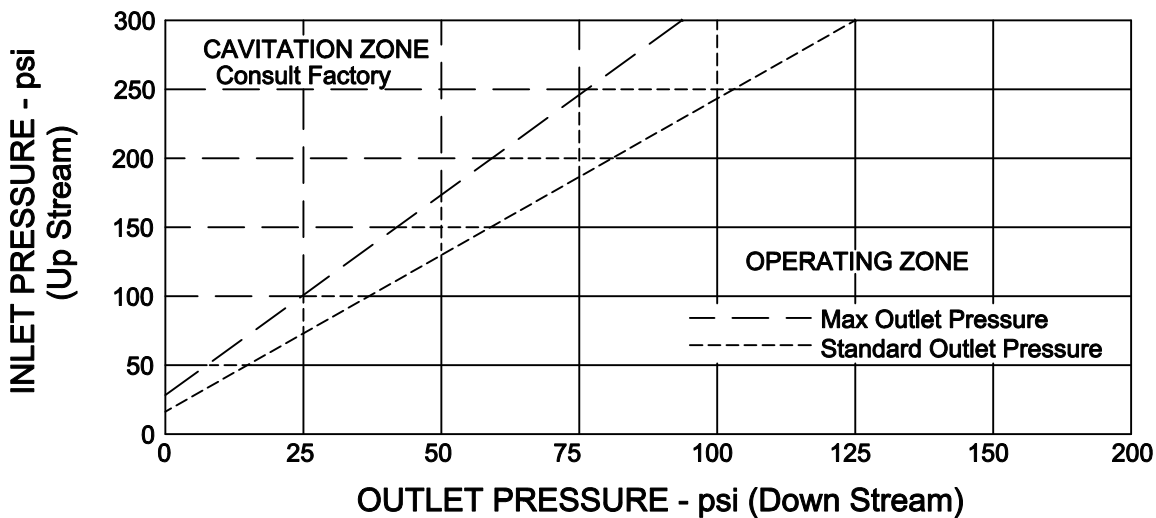
Cv Factor (Full Port)

U.S. SYSTEM: Cv = U.S. gal/min @ 1psi with 60°F water.

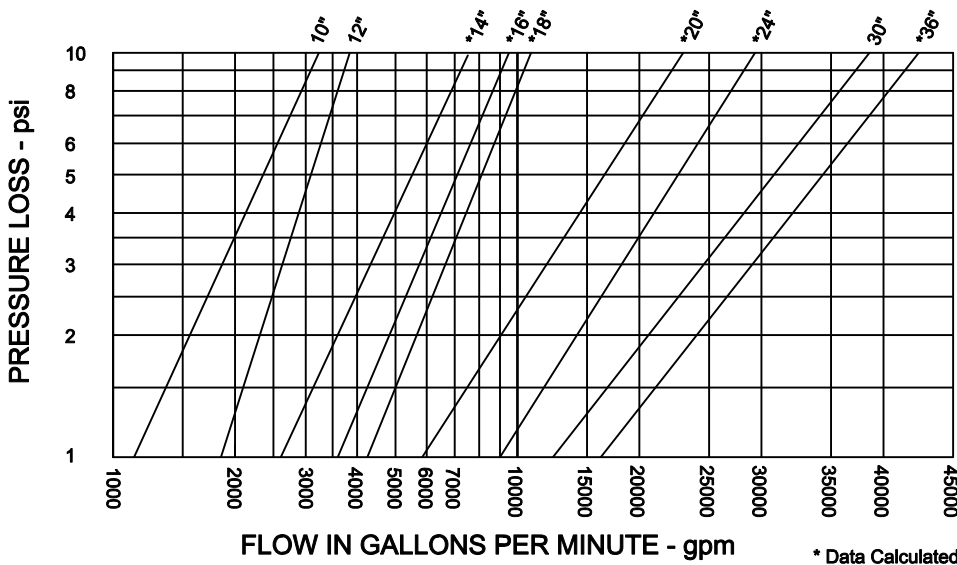
METRIC SYSTEM: Cv = liters/sec @ 1 kPa with 15°C water.

Valve Size	Inches	10	12	14	16	18	20	24	30	36
	mm	250	300	350	400	450	500	600	750	900
Cv Factor	Gal/Min	1165	1234	2546	3465	4125	5917	9000	12000	16500
	Litres/Sec	73.5	103.34	160.63	218.6	260.25	373.31	567.82	757.1	1041.01
Equivalent Length of Pipe	Feet	286	338	395	450	513	569	683	932	1118
	Meters	87.2	103	120.4	137.2	156.4	173.4	208.2	284	340.8

Cavitation Curve



Headloss



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