

Water Line Pressure Loss



PRESSURE DROP IN PSI PER 100 FT

Water Gallons Per Min	Steel Pipe – Nominal Diameter							Brass Pipe – Nominal Diameter							Copper Tubing O.D. Type L					
	1/4	3/8	1/2	3/4	1	1¼	1½	1/4	3/8	1/2	3/4	1	1¼	1½	1/4	3/8	1/2	5/8	3/4	7/8
1	8.5	1.9						6.0	1.6						120	13	2.9	1.0		
2	30	7.0	2.1					20	5.6	1.8					400	45	10	3.4	1.3	
3	60	14	4.5	1.1				40	11	3.6						94	20	6.7	2.6	
5	150	36	12	2.8				100	28	9.0	2.2					230	50	17	6.1	3.0
8	330	86	28	6.7	1.9			220	62	21	5.2	1.6				500	120	40	15	6.5
10	520	130	43	10	3.0			320	90	30	7.8	2.4					180	56	22	10
15		270	90	21	6.2	1.6			190	62	16	5.0	1.5					120	44	20
25		670	240	56	16	4.2	2.0		470	150	40	12	3.8	1.7				330	110	50
40					66	17	8.0					39	11	5.0				550	200	88
60						37	17							23	11					
80						52	29							40	19					
100					210	107	48							61	28					