

### Head Loss / 100 Feet Pipe Due to Friction (C = 150)

C = 150 for High Density Polyethylene Pipe (HDPE)

Flow (GPM)	Pipe Diameter (Inch)													
	½"	¾"	1"	1-¼"	1-½"	2"	2-½"	3"	4"	5"	6"	8"	10"	12"
0.5	0.8	0.1												
1	2.9	0.4	0.1											
2	10.5	1.5	0.4	0.1										
3	22.2	3.1	0.8	0.3	0.1									
4	37.9	5.3	1.3	0.4	0.2									
5	57.2	7.9	2.0	0.7	0.3	0.1								
10		28.6	7.1	2.4	1.0	0.2	0.1							
15		60.6	14.9	5.0	2.1	0.5	0.2	0.1						
20			25.4	8.6	3.5	0.9	0.3	0.1						
30			53.8	18.2	7.5	1.8	0.6	0.3	0.1					
40			91.7	30.9	12.7	3.1	1.1	0.4	0.1					
50				46.7	19.2	4.7	1.6	0.7	0.2	0.1				
60				65.5	26.9	6.6	2.2	0.9	0.2	0.1				
70				87.1	35.8	8.8	3.0	1.2	0.3	0.1				
80					45.9	11.3	3.8	1.6	0.4	0.1	0.1			
90					57.0	14.1	4.7	2.0	0.5	0.2	0.1			
100					69.3	17.1	5.8	2.4	0.6	0.2	0.1			
150						36.1	12.2	5.0	1.2	0.4	0.2			
200						61.6	20.8	8.5	2.1	0.7	0.3	0.1		
250						93.0	31.4	12.9	3.2	1.1	0.4	0.1		
300							44.0	18.1	4.5	1.5	0.6	0.2	0.1	
400							74.8	30.8	7.6	2.6	1.1	0.3	0.1	
500								46.5	11.5	3.9	1.6	0.4	0.1	0.1
600								65.2	16.1	5.4	2.2	0.5	0.2	0.1
700								86.7	21.4	7.2	3.0	0.7	0.2	0.1
800									27.4	9.2	3.8	0.9	0.3	0.1
900									34.0	11.5	4.7	1.2	0.4	0.2
1000									41.3	13.9	5.7	1.4	0.5	0.2