



Type "C" Cone Strainer

Flow Rate GPM	Type "C" Cone Strainer																					
	Pressure Drop of Clean vs. Water Flow Rate																					
	Column 1 Under Each Pipe Size = 100% Open Area/Column 2 = 200% Open Area																					
	2"		3"		4"		6"		8"		10"		12"		14"		16"		18"		20"	
1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	
100	3.7	3																				
200	17	11	2.4	2.1	1.2	1.1																
300	40	24	6	4.5	2.9	2.5																
400	72	40	12	8	5.4	4.2																
500		60	18	12	9	6.2																
600		83	27	17	14	8.8	1.2	1.1														
700			37	23	18	13	1.7	1.6														
800			50	28	25	16	2.3	2														
900			65	35	32	18	2.9	2.5	1.1	1.1												
1000			80	43	40	24	3.6	3	1.5	1.4												
2000						82	17	11	6.1	3.7	2	1.8										
3000							39	24	16	10	4.9	3.9	2.1	2	1.6	1.5						
4000							72	40	29	18	9	6.6	4	3.5	2.8	2.4	1.7	1.5				
5000								60	45	26	16	10	6.5	5.1	4.6	3.7	2.5	2.3	1.5	1.4		
6000								73	68	37	22	14	9.5	7.1	7	5	3.8	3.1	2.2	1.9	1.5	1.3
7000									95	49	31	19	15	9.5	9.5	6.9	5.2	4.1	3	2.6	1.9	1.9
8000										75	41	24	19	12	14	9	7	5.2	4	3.2	2.7	2.3
9000											52	29	24	16	17	12	9	6.7	5.2	4	3.3	2.8
10000											68	35	30	19	21	14	12	8	6.6	5	4.2	3.4

Correction Factor – For liquids more viscous than water or where wire cloth liner is added, multiply pressure drops in charts by:

Viscosity (SSU)	Perforated (1/8" Holes)	Perforated W/Wire Cloth		
		40 Mesh	60 Mesh	80 Mesh
30	1.00	1.32	1.53	1.62
270	1.30	1.61	1.83	2.00
385	1.44	1.76	2.00	2.20
500	1.58	1.92	2.13	2.41
1000	1.66	2.22	2.41	2.63
2000	1.86	2.41	2.71	2.91