



## Type "B" Basket Strainer

Flow Rate GPM	Type "B" Basket 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	3.2	2.7	2.1	1.7																		
200	15	12	4.8	3.8	1.1																	
300	32	27	9	7	2.5	1.9																
400	58	4.6	15	12	4.5	3.5																
500	91	72	21	17	7.1	5.6																
600			29	23	11	8	1.2															
700			38	30	15	12	1.6	1.2														
800			47	37	19	16	2	1.7														
900			60	46	25	19	2.6	2	1													
1000					31	25	3.2	2.5	1.2													
2000							14	11	5	3.7	1.8	1.5										
3000							31	25	12	9	4.2	3.3	1.9	1.6	1.4	1						
4000							56	45	21	17	7.7	6	3.5	2.8	2.5	2	1.5	1.1				
5000							91	70	33	26	13	9.3	5.6	4.5	3.9	3	2.2	1.8	1.3	1		
6000									48	38	18	15	8.1	6.3	5.6	4.2	3.3	2.5	1.9	1.5	1.2	1
7000									68	50	25	19	11	8.8	8	6	4.5	3.4	2.6	2	1.8	1.4
8000									88	68	32	25	16	12	11	8	6	4.5	3.4	2.7	2.2	1.8
9000									85	41	32	19	16	13	10	7.3	5.8	4.4	3.3	2.8	2.2	1.8
10000										50	39	23	19	17	13	9.3	7	5.5	4.1	3.5	2.7	2.2

**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