

TW LINE STRAINERS - PRESSURE DROP VS. FLOW RATES

GALLONS PER MINUTE	1/4 TW		3/8 TW		1/2 TW		3/4 TW		1 TW		1 1/4 TW		1 1/2 TW		2 TW		2 1/2 TW		3 TW		4 TW		6 TW		GALLONS PER MINUTE	
	PRESSURE LOSS - P.S.I.	LOSS - FEET	PRESSURE LOSS - P.S.I.	LOSS - FEET	PRESSURE LOSS - P.S.I.	LOSS - FEET	PRESSURE LOSS - P.S.I.	LOSS - FEET	PRESSURE LOSS - P.S.I.	LOSS - FEET	PRESSURE LOSS - P.S.I.	LOSS - FEET	PRESSURE LOSS - P.S.I.	LOSS - FEET	PRESSURE LOSS - P.S.I.	LOSS - FEET	PRESSURE LOSS - P.S.I.	LOSS - FEET	PRESSURE LOSS - P.S.I.	LOSS - FEET	PRESSURE LOSS - P.S.I.	LOSS - FEET	PRESSURE LOSS - P.S.I.	LOSS - FEET		
0.6	0.1	.23																						0.6		
0.8	0.2	.46																						0.8		
1	0.3	.69																						1		
1.5	0.4	1.0	0.1	.23																				1.5		
2	1.1	2.5	0.3	.69	0.2	.46																		2		
3	2.4	5.6	0.5	1.2	0.4	.92	0.1	.23	0.3	.69														3		
4	4.3	9.9	1.0	2.3	0.6	1.4	0.2	.46	0.5	1.2														4		
5	6.7	15.5	1.5	3.5	1.0	2.3	0.3	.69	0.8	1.8	0.1	.23												5		
6	9.6	22.2	2.0	4.6	1.5	3.5	0.4	.92	1.3	3.0	0.2	.46												6		
7	13	30	3.0	6.9	2.0	4.6	0.5	1.2	1.7	3.9	0.3	.69												7		
8	17	39	3.9	9.0	2.6	6.0	0.6	1.4	2.2	5.1	0.4	.92	0.1	.23	0.3	.69								8		
10			6.0	14	4.0	9.2	1.0	2.3	3.4	7.8	0.5	1.2	0.2	.46	0.4	.92	0.1	.23						10		
12			8.7	20	5.8	13	1.4	3.2	5.0	11	0.7	1.4	0.3	.69	0.6	1.4	0.2	.46						12		
15			14	32	9.0	21	2.2	5.1	7.8	18	1.1	2.5	0.4	.92	0.9	2.1	0.3	.69						15		
20					16	37	3.9	9.0	14	32	2.0	4.6	0.6	1.4	1.5	3.5	0.4	.92	0.1	.23				20		
30							8.7	20	31	71	4.5	10	1.4	3.2	3.4	7.8	0.9	2.1	0.3	.69	0.2	.46	0.1	.23	30	
40							16	37		80	18	2.4	5.5	6.0	14	1.6	3.7	0.5	1.2	0.3	.69	0.2	.46	0.2	.46	40
50										13	30	3.8	8.8	9.0	21	2.5	5.8	0.8	1.8	0.5	1.2	0.3	.69	0.3	.69	50
60										18	42	5.4	13	13	30	3.6	8.3	1.1	2.5	0.7	1.6	0.5	1.2	0.4	.92	60
70												7.4	17	19	44	4.8	11	1.5	3.5	1.0	2.3	0.7	1.6	0.5	1.2	70
80												9.6	22			6.4	15	2.0	4.6	1.3	3.0	1.0	2.1	0.7	1.6	80
100												15	35			10	23	3.1	7.2	2.0	4.6	1.4	3.2	1.0	2.3	100
120																14	32	4.4	10	3.0	6.9	2.0	4.6	1.4	3.2	120
140																6.0	14	4.0	9.2	2.7	6.2	2.0	4.6	0.4	.92	140
160																8.0	18	5.2	12	3.5	8.0	2.6	6.0	0.5	1.2	160
180																10	23	6.6	15	4.5	10	3.3	7.6	0.6	1.4	180
200																12	28	8.2	19	5.6	13	4.0	9.2	0.8	1.8	200
250																20	46	13	30	8.5	20	6.3	15	1.3	3.0	250
300																		18	42	12	28	9.0	21	1.8	4.2	300
400																				22	51	16	37	3.2	7.4	400
500																										500
600																										600
700																										700
800																										800
1000																										1000
1500																										1500
2000																										2000

- TABULATION BASED ON WATER
- PRESSURE DROP REMAINS THE SAME FOR ALL STANDARD MESH SCREENS.

DESCRIPTION:

TYPE TW LINE STRAINERS
PRESSURE DROP
VS
FLOW RATE



Spraying Systems Co.

Spray Nozzles and Accessories
P.O. Box 7900 - Wheaton, IL 60189-7900

Rev. No.

Data Sheet No.

Ref.

8091

SHEET OF