

4916 FLOW REGULATORS 38" TIP SPACING

ALL INFORMATION BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

mph			4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0
4916-8SS	psi	gpm																	
	10	0.004	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	20	0.006	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	30	0.007	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	40	0.008	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
4916-10SS	10	0.007	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	20	0.009	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
	30	0.011	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1
	40	0.013	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
491612SS	10	0.010	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
	20	0.013	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	30	0.016	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
	40	0.019	0.7	0.7	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2
4916-14SS	10	0.013	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	20	0.018	0.7	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
	30	0.022	0.9	0.8	0.7	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3
	40	0.025	1.0	0.9	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3
4916-15SS	10	0.015	0.6	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2
	20	0.021	0.8	0.7	0.7	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3
	30	0.025	1.0	0.9	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3
	40	0.029	1.1	1.0	0.9	0.8	0.8	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4
4916-16SS	10	0.017	0.7	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2
	20	0.023	0.9	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
	30	0.029	1.1	1.0	0.9	0.8	0.8	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4
	40	0.033	1.3	1.1	1.0	0.9	0.9	0.8	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4
4916-18SS	10	0.021	0.8	0.7	0.7	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3
	20	0.030	1.2	1.0	0.9	0.9	0.8	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.4
	30	0.036	1.4	1.3	1.1	1.0	0.9	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5
	40	0.042	1.6	1.5	1.3	1.2	1.1	1.0	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.5

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12.5	13.0	13.5	14.0	14.5	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0	mph			
																gpm	psi		
0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0040	10	4916-8SS	
0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0060	20		
0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0070	30		
0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0080	40		
0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0070	10	4916-10SS	
0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0090	20		
0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0110	30		
0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0130	40		
0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0100	10	4916-12SS	
0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0130	20		
0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0160	30		
0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.0190	40		
0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0130	10	4916-14SS	
0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0180	20		
0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0220	30		
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0250	40		
0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0150	10	4916-15SS	
0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0210	20		
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0250	30		
0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.0290	40		
0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0170	10	4916-16SS	
0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0230	20		
0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.0290	30		
0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.0330	40		
0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0210	10	4916-18SS	
0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.0300	20		
0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.0360	30		
0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.0420	40		

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ALL INFORMATION BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

mph	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0
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4916-29SS	10	0.054	2.1	1.9	1.7	1.5	1.4	1.3	1.2	1.1	1.1	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7
	20	0.076	3.0	2.6	2.4	2.2	2.0	1.8	1.7	1.6	1.5	1.4	1.3	1.3	1.2	1.1	1.1	1.0	1.0
	30	0.093	3.6	3.2	2.9	2.6	2.4	2.2	2.1	1.9	1.8	1.7	1.6	1.5	1.5	1.4	1.3	1.3	1.2
	40	0.108	4.2	3.8	3.4	3.1	2.8	2.6	2.4	2.3	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.5	1.4

4916-30SS	10	0.057	2.2	2.0	1.8	1.6	1.5	1.4	1.3	1.2	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.7
	20	0.081	3.2	2.8	2.5	2.3	2.1	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.3	1.2	1.2	1.1	1.1
	30	0.099	3.9	3.4	3.1	2.8	2.6	2.4	2.2	2.1	1.9	1.8	1.7	1.6	1.5	1.5	1.4	1.3	1.3
	40	0.114	4.5	4.0	3.6	3.2	3.0	2.7	2.5	2.4	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.5

4916-31SS	10	0.061	2.4	2.1	1.9	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8
	20	0.087	3.4	3.0	2.7	2.5	2.3	2.1	1.9	1.8	1.7	1.6	1.5	1.4	1.4	1.3	1.2	1.2	1.1
	30	0.106	4.1	3.7	3.3	3.0	2.8	2.5	2.4	2.2	2.1	1.9	1.8	1.7	1.7	1.6	1.5	1.4	1.4
	40	0.123	4.8	4.3	3.8	3.5	3.2	3.0	2.7	2.6	2.4	2.3	2.1	2.0	1.9	1.8	1.7	1.7	1.6

4916-32SS	10	0.067	2.6	2.3	2.1	1.9	1.7	1.6	1.5	1.4	1.3	1.2	1.2	1.1	1.0	1.0	1.0	0.9	0.9
	20	0.095	3.7	3.3	3.0	2.7	2.5	2.3	2.1	2.0	1.9	1.7	1.7	1.6	1.5	1.4	1.4	1.3	1.2
	30	0.116	4.5	4.0	3.6	3.3	3.0	2.8	2.6	2.4	2.3	2.1	2.0	1.9	1.8	1.7	1.6	1.6	1.5
	40	0.135	5.3	4.7	4.2	3.8	3.5	3.2	3.0	2.8	2.6	2.5	2.3	2.2	2.1	2.0	1.9	1.8	1.8

4916-34SS	10	0.074	2.9	2.6	2.3	2.1	1.9	1.8	1.7	1.5	1.4	1.4	1.3	1.2	1.2	1.1	1.1	1.0	1.0
	20	0.104	4.1	3.6	3.3	3.0	2.7	2.5	2.3	2.2	2.0	1.9	1.8	1.7	1.6	1.5	1.5	1.4	1.4
	30	0.127	5.0	4.4	4.0	3.6	3.3	3.1	2.8	2.6	2.5	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.7
	40	0.147	5.7	5.1	4.6	4.2	3.8	3.5	3.3	3.1	2.9	2.7	2.6	2.4	2.3	2.2	2.1	2.0	1.9

4916-35SS	10	0.079	3.1	2.7	2.5	2.2	2.1	1.9	1.8	1.6	1.5	1.5	1.4	1.3	1.2	1.2	1.1	1.1	1.0
	20	0.111	4.3	3.9	3.5	3.2	2.9	2.7	2.5	2.3	2.2	2.0	1.9	1.8	1.7	1.7	1.6	1.5	1.4
	30	0.136	5.3	4.7	4.3	3.9	3.5	3.3	3.0	2.8	2.7	2.5	2.4	2.2	2.1	2.0	1.9	1.8	1.8
	40	0.157	6.1	5.5	4.9	4.5	4.1	3.8	3.5	3.3	3.1	2.9	2.7	2.6	2.5	2.3	2.2	2.1	2.0

4916-37SS	10	0.086	3.4	3.0	2.7	2.4	2.2	2.1	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.3	1.2	1.2	1.1
	20	0.121	4.7	4.2	3.8	3.4	3.2	2.9	2.7	2.5	2.4	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.6
	30	0.149	5.8	5.2	4.7	4.2	3.9	3.6	3.3	3.1	2.9	2.7	2.6	2.5	2.3	2.2	2.1	2.0	1.9
	40	0.172	6.7	6.0	5.4	4.9	4.5	4.1	3.8	3.6	3.4	3.2	3.0	2.8	2.7	2.6	2.4	2.3	2.2

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ALL INFORMATION BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

12.5	13.0	13.5	14.0	14.5	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0	mph		
0.7	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.0540	10	4916-29SS
1.0	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.0760	20	
1.2	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.0930	30	
1.4	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.1080	40	
0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.0570	10	4916-30SS
1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.0810	20	
1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.0990	30	
1.4	1.4	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.1140	40	
0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.0610	10	4916-31SS
1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.0870	20	
1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.1060	30	
1.5	1.5	1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	1.0	0.1230	40	
0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.0670	10	4916-32SS
1.2	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.7	0.0950	20	
1.5	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	1.0	0.9	0.9	0.1160	30	
1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.1	0.1350	40	
0.9	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.0740	10	4916-34SS
1.3	1.3	1.2	1.2	1.1	1.1	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.1040	20	
1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	0.1270	30	
1.8	1.8	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.1	0.1470	40	
1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.0790	10	4916-35SS
1.4	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.1110	20	
1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.1	0.1360	30	
2.0	1.9	1.8	1.8	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.2	0.1570	40	
1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.0860	10	4916-37SS
1.5	1.5	1.4	1.4	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.1210	20	
1.9	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.2	0.1490	30	
2.2	2.1	2.0	1.9	1.9	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.3	0.1720	40	

4916 FLOW REGULATORS 38" TIP SPACING

ALL INFORMATION BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

mph	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0
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4916-39SS	10	0.095	3.7	3.3	3.0	2.7	2.5	2.3	2.1	2.0	1.9	1.7	1.7	1.6	1.5	1.4	1.4	1.3	1.2
	20	0.135	5.3	4.7	4.2	3.8	3.5	3.2	3.0	2.8	2.6	2.5	2.3	2.2	2.1	2.0	1.9	1.8	1.8
	30	0.165	6.4	5.7	5.2	4.7	4.3	4.0	3.7	3.4	3.2	3.0	2.9	2.7	2.6	2.5	2.3	2.2	2.1
	40	0.191	7.5	6.6	6.0	5.4	5.0	4.6	4.3	4.0	3.7	3.5	3.3	3.1	3.0	2.8	2.7	2.6	2.5

4916-40SS	10	0.102	4.0	3.5	3.2	2.9	2.7	2.5	2.3	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.4	1.3
	20	0.144	5.6	5.0	4.5	4.1	3.8	3.5	3.2	3.0	2.8	2.6	2.5	2.4	2.3	2.1	2.0	2.0	1.9
	30	0.177	6.9	6.1	5.5	5.0	4.6	4.3	4.0	3.7	3.5	3.3	3.1	2.9	2.8	2.6	2.5	2.4	2.3
	40	0.204	8.0	7.1	6.4	5.8	5.3	4.9	4.6	4.3	4.0	3.8	3.5	3.4	3.2	3.0	2.9	2.8	2.7

4916-41SS	10	0.105	4.1	3.6	3.3	3.0	2.7	2.5	2.3	2.2	2.1	1.9	1.8	1.7	1.6	1.6	1.5	1.4	1.4
	20	0.149	5.8	5.2	4.7	4.2	3.9	3.6	3.3	3.1	2.9	2.7	2.6	2.5	2.3	2.2	2.1	2.0	1.9
	30	0.182	7.1	6.3	5.7	5.2	4.7	4.4	4.1	3.8	3.6	3.3	3.2	3.0	2.8	2.7	2.6	2.5	2.4
	40	0.211	8.2	7.3	6.6	6.0	5.5	5.1	4.7	4.4	4.1	3.9	3.7	3.5	3.3	3.1	3.0	2.9	2.7

4916-43SS	10	0.115	4.5	4.0	3.6	3.3	3.0	2.8	2.6	2.4	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.6	1.5
	20	0.163	6.4	5.7	5.1	4.6	4.2	3.9	3.6	3.4	3.2	3.0	2.8	2.7	2.5	2.4	2.3	2.2	2.1
	30	0.200	7.8	6.9	6.3	5.7	5.2	4.8	4.5	4.2	3.9	3.7	3.5	3.3	3.1	3.0	2.8	2.7	2.6
	40	0.231	9.0	8.0	7.2	6.6	6.0	5.6	5.2	4.8	4.5	4.2	4.0	3.8	3.6	3.4	3.3	3.1	3.0

4916-45SS	10	0.125	4.9	4.3	3.9	3.6	3.3	3.0	2.8	2.6	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6
	20	0.176	6.9	6.1	5.5	5.0	4.6	4.2	3.9	3.7	3.4	3.2	3.1	2.9	2.8	2.6	2.5	2.4	2.3
	30	0.216	8.4	7.5	6.8	6.1	5.6	5.2	4.8	4.5	4.2	4.0	3.8	3.6	3.4	3.2	3.1	2.9	2.8
	40	0.250	9.8	8.7	7.8	7.1	6.5	6.0	5.6	5.2	4.9	4.6	4.3	4.1	3.9	3.7	3.6	3.4	3.3

4916-46SS	10	0.135	5.3	4.7	4.2	3.8	3.5	3.2	3.0	2.8	2.6	2.5	2.3	2.2	2.1	2.0	1.9	1.8	1.8
	20	0.191	7.5	6.6	6.0	5.4	5.0	4.6	4.3	4.0	3.7	3.5	3.3	3.1	3.0	2.8	2.7	2.6	2.5
	30	0.233	9.1	8.1	7.3	6.6	6.1	5.6	5.2	4.9	4.6	4.3	4.0	3.8	3.6	3.5	3.3	3.2	3.0
	40	0.270	10.6	9.4	8.4	7.7	7.0	6.5	6.0	5.6	5.3	5.0	4.7	4.4	4.2	4.0	3.8	3.7	3.5

4916-47SS	10	0.137	5.4	4.8	4.3	3.9	3.6	3.3	3.1	2.9	2.7	2.5	2.4	2.3	2.1	2.0	1.9	1.9	1.8
	20	0.194	7.6	6.7	6.1	5.5	5.1	4.7	4.3	4.0	3.8	3.6	3.4	3.2	3.0	2.9	2.8	2.6	2.5
	30	0.238	9.3	8.3	7.4	6.8	6.2	5.7	5.3	5.0	4.7	4.4	4.1	3.9	3.7	3.5	3.4	3.2	3.1
	40	0.275	10.7	9.6	8.6	7.8	7.2	6.6	6.1	5.7	5.4	5.1	4.8	4.5	4.3	4.1	3.9	3.7	3.6

4916 FLOW REGULATORS 38" TIP SPACING

ALL INFORMATION BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

12.5	13.0	13.5	14.0	14.5	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0	mph		
1.2	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.7	0.0950	10	4916-39SS
1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.1	0.1350	20	
2.1	2.0	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.4	1.3	1.3	0.1650	30	
2.4	2.3	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	0.1910	40	
1.3	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.1020	10	4916-40SS
1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.1	0.1440	20	
2.2	2.1	2.0	2.0	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.4	1.4	0.1770	30	
2.6	2.5	2.4	2.3	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	0.2040	40	
1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.1050	10	4916-41SS
1.9	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.2	0.1490	20	
2.3	2.2	2.1	2.0	2.0	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.4	0.1820	30	
2.6	2.5	2.4	2.4	2.3	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	0.2110	40	
1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.1150	10	4916-43SS
2.0	2.0	1.9	1.8	1.8	1.7	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.3	0.1630	20	
2.5	2.4	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.6	0.2000	30	
2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.3	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.8	0.2310	40	
1.6	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.1	1.0	1.0	1.0	0.1250	10	4916-45SS
2.2	2.1	2.0	2.0	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.4	0.1760	20	
2.7	2.6	2.5	2.4	2.3	2.3	2.2	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.7	0.2160	30	
3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.4	2.3	2.2	2.2	2.1	2.1	2.0	2.0	0.2500	40	
1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.1	0.1350	10	4916-46SS
2.4	2.3	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	0.1910	20	
2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.3	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.8	0.2330	30	
3.4	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.6	2.5	2.4	2.3	2.3	2.2	2.2	2.1	0.2700	40	
1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	0.1370	10	4916-47SS
2.4	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.6	1.5	0.1940	20	
3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.3	2.2	2.1	2.1	2.0	2.0	1.9	1.9	0.2380	30	
3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.5	2.4	2.3	2.3	2.2	2.1	0.2750	40	

4916 FLOW REGULATORS 38" TIP SPACING

ALL INFORMATION BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

mph	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0
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4916-48SS	10	0.143	5.6	5.0	4.5	4.1	3.7	3.4	3.2	3.0	2.8	2.6	2.5	2.4	2.2	2.1	2.0	1.9	1.9
	20	0.202	7.9	7.0	6.3	5.7	5.3	4.9	4.5	4.2	3.9	3.7	3.5	3.3	3.2	3.0	2.9	2.7	2.6
	30	0.247	9.7	8.6	7.7	7.0	6.4	5.9	5.5	5.1	4.8	4.5	4.3	4.1	3.9	3.7	3.5	3.4	3.2
	40	0.286	11.2	9.9	8.9	8.1	7.5	6.9	6.4	6.0	5.6	5.3	5.0	4.7	4.5	4.3	4.1	3.9	3.7

4916-49SS	10	0.147	5.7	5.1	4.6	4.2	3.8	3.5	3.3	3.1	2.9	2.7	2.6	2.4	2.3	2.2	2.1	2.0	1.9
	20	0.208	8.1	7.2	6.5	5.9	5.4	5.0	4.6	4.3	4.1	3.8	3.6	3.4	3.3	3.1	3.0	2.8	2.7
	30	0.255	10.0	8.9	8.0	7.2	6.6	6.1	5.7	5.3	5.0	4.7	4.4	4.2	4.0	3.8	3.6	3.5	3.3
	40	0.295	11.5	10.2	9.2	8.4	7.7	7.1	6.6	6.1	5.8	5.4	5.1	4.9	4.6	4.4	4.2	4.0	3.8

4916-51SS	10	0.164	6.4	5.7	5.1	4.7	4.3	3.9	3.7	3.4	3.2	3.0	2.8	2.7	2.6	2.4	2.3	2.2	2.1
	20	0.232	9.1	8.1	7.3	6.6	6.0	5.6	5.2	4.8	4.5	4.3	4.0	3.8	3.6	3.5	3.3	3.2	3.0
	30	0.284	11.1	9.9	8.9	8.1	7.4	6.8	6.3	5.9	5.5	5.2	4.9	4.7	4.4	4.2	4.0	3.9	3.7
	40	0.329	12.9	11.4	10.3	9.4	8.6	7.9	7.3	6.9	6.4	6.1	5.7	5.4	5.1	4.9	4.7	4.5	4.3

4916-52SS	10	0.167	6.5	5.8	5.2	4.7	4.4	4.0	3.7	3.5	3.3	3.1	2.9	2.7	2.6	2.5	2.4	2.3	2.2
	20	0.237	9.3	8.2	7.4	6.7	6.2	5.7	5.3	4.9	4.6	4.4	4.1	3.9	3.7	3.5	3.4	3.2	3.1
	30	0.290	11.3	10.1	9.1	8.2	7.6	7.0	6.5	6.0	5.7	5.3	5.0	4.8	4.5	4.3	4.1	3.9	3.8
	40	0.335	13.1	11.6	10.5	9.5	8.7	8.1	7.5	7.0	6.5	6.2	5.8	5.5	5.2	5.0	4.8	4.6	4.4

4916-54SS	10	0.180	7.0	6.3	5.6	5.1	4.7	4.3	4.0	3.8	3.5	3.3	3.1	3.0	2.8	2.7	2.6	2.4	2.3
	20	0.255	10.0	8.9	8.0	7.2	6.6	6.1	5.7	5.3	5.0	4.7	4.4	4.2	4.0	3.8	3.6	3.5	3.3
	30	0.312	12.2	10.8	9.8	8.9	8.1	7.5	7.0	6.5	6.1	5.7	5.4	5.1	4.9	4.6	4.4	4.2	4.1
	40	0.360	14.1	12.5	11.3	10.2	9.4	8.7	8.0	7.5	7.0	6.6	6.3	5.9	5.6	5.4	5.1	4.9	4.7

4916-55SS	10	0.188	7.3	6.5	5.9	5.3	4.9	4.5	4.2	3.9	3.7	3.5	3.3	3.1	2.9	2.8	2.7	2.6	2.4
	20	0.266	10.4	9.2	8.3	7.6	6.9	6.4	5.9	5.5	5.2	4.9	4.6	4.4	4.2	4.0	3.8	3.6	3.5
	30	0.326	12.7	11.3	10.2	9.3	8.5	7.8	7.3	6.8	6.4	6.0	5.7	5.4	5.1	4.9	4.6	4.4	4.2
	40	0.377	14.7	13.1	11.8	10.7	9.8	9.1	8.4	7.9	7.4	6.9	6.5	6.2	5.9	5.6	5.4	5.1	4.9

4916-57SS	10	0.200	7.8	6.9	6.3	5.7	5.2	4.8	4.5	4.2	3.9	3.7	3.5	3.3	3.1	3.0	2.8	2.7	2.6
	20	0.283	11.1	9.8	8.8	8.0	7.4	6.8	6.3	5.9	5.5	5.2	4.9	4.7	4.4	4.2	4.0	3.8	3.7
	30	0.346	13.5	12.0	10.8	9.8	9.0	8.3	7.7	7.2	6.8	6.4	6.0	5.7	5.4	5.2	4.9	4.7	4.5
	40	0.400	15.6	13.9	12.5	11.4	10.4	9.6	8.9	8.3	7.8	7.4	6.9	6.6	6.3	6.0	5.7	5.4	5.2

4916 FLOW REGULATORS 38" TIP SPACING

ALL INFORMATION BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

12.5	13.0	13.5	14.0	14.5	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0	mph		
1.8	1.7	1.7	1.6	1.5	1.5	1.4	1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.1	1.1	0.1430	10	4916-48SS
2.5	2.4	2.3	2.3	2.2	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	0.2020	20	
3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.3	2.2	2.1	2.1	2.0	2.0	1.9	0.2470	30	
3.6	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.6	2.5	2.4	2.4	2.3	2.2	0.2860	40	
1.8	1.8	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.1	0.1470	10	4916-49SS
2.6	2.5	2.4	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	0.2080	20	
3.2	3.1	3.0	2.8	2.7	2.7	2.6	2.5	2.4	2.3	2.3	2.2	2.2	2.1	2.0	2.0	0.2550	30	
3.7	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.6	2.5	2.4	2.4	2.3	0.2950	40	
2.1	2.0	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.3	0.1640	10	4916-51SS
2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.3	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.8	0.2320	20	
3.6	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.5	2.4	2.3	2.3	2.2	0.2840	30	
4.1	4.0	3.8	3.7	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.9	2.8	2.7	2.6	2.6	0.3290	40	
2.1	2.0	1.9	1.9	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.3	0.1670	10	4916-52SS
3.0	2.8	2.7	2.6	2.6	2.5	2.4	2.3	2.2	2.2	2.1	2.1	2.0	1.9	1.9	1.9	0.2370	20	
3.6	3.5	3.4	3.2	3.1	3.0	2.9	2.8	2.7	2.7	2.6	2.5	2.5	2.4	2.3	2.3	0.2900	30	
4.2	4.0	3.9	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.8	2.7	2.6	0.3350	40	
2.3	2.2	2.1	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.4	0.1800	10	4916-54SS
3.2	3.1	3.0	2.8	2.7	2.7	2.6	2.5	2.4	2.3	2.3	2.2	2.2	2.1	2.0	2.0	0.2550	20	
3.9	3.8	3.6	3.5	3.4	3.3	3.1	3.0	3.0	2.9	2.8	2.7	2.6	2.6	2.5	2.4	0.3120	30	
4.5	4.3	4.2	4.0	3.9	3.8	3.6	3.5	3.4	3.3	3.2	3.1	3.0	3.0	2.9	2.8	0.3600	40	
2.4	2.3	2.2	2.1	2.0	2.0	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.5	0.1880	10	4916-55SS
3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.4	2.3	2.2	2.2	2.1	2.1	0.2660	20	
4.1	3.9	3.8	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.8	2.7	2.6	2.5	0.3260	30	
4.7	4.5	4.4	4.2	4.1	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	0.3770	40	
2.5	2.4	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.6	0.2000	10	4916-57SS
3.5	3.4	3.3	3.2	3.1	2.9	2.9	2.8	2.7	2.6	2.5	2.5	2.4	2.3	2.3	2.2	0.2830	20	
4.3	4.2	4.0	3.9	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.8	2.7	0.3460	30	
5.0	4.8	4.6	4.5	4.3	4.2	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	0.4000	40	

4916 FLOW REGULATORS 38" TIP SPACING

ALL INFORMATION BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

mph	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0
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4916-59SS	10	0.215	8.4	7.5	6.7	6.1	5.6	5.2	4.8	4.5	4.2	4.0	3.7	3.5	3.4	3.2	3.1	2.9	2.8
	20	0.304	11.9	10.6	9.5	8.6	7.9	7.3	6.8	6.3	5.9	5.6	5.3	5.0	4.8	4.5	4.3	4.1	4.0
	30	0.372	14.5	12.9	11.6	10.6	9.7	8.9	8.3	7.8	7.3	6.8	6.5	6.1	5.8	5.5	5.3	5.1	4.8
	40	0.433	16.9	15.0	13.5	12.3	11.3	10.4	9.7	9.0	8.5	8.0	7.5	7.1	6.8	6.4	6.2	5.9	5.6

4916-61SS	10	0.233	9.1	8.1	7.3	6.6	6.1	5.6	5.2	4.9	4.6	4.3	4.0	3.8	3.6	3.5	3.3	3.2	3.0
	20	0.330	12.9	11.5	10.3	9.4	8.6	7.9	7.4	6.9	6.4	6.1	5.7	5.4	5.2	4.9	4.7	4.5	4.3
	30	0.404	15.8	14.0	12.6	11.5	10.5	9.7	9.0	8.4	7.9	7.4	7.0	6.6	6.3	6.0	5.7	5.5	5.3
	40	0.466	18.2	16.2	14.6	13.2	12.1	11.2	10.4	9.7	9.1	8.6	8.1	7.7	7.3	6.9	6.6	6.3	6.1

4916-63SS	10	0.246	9.6	8.5	7.7	7.0	6.4	5.9	5.5	5.1	4.8	4.5	4.3	4.0	3.8	3.7	3.5	3.3	3.2
	20	0.347	13.6	12.1	10.8	9.9	9.0	8.3	7.7	7.2	6.8	6.4	6.0	5.7	5.4	5.2	4.9	4.7	4.5
	30	0.425	16.6	14.8	13.3	12.1	11.1	10.2	9.5	8.9	8.3	7.8	7.4	7.0	6.6	6.3	6.0	5.8	5.5
	40	0.491	19.2	17.1	15.4	14.0	12.8	11.8	11.0	10.2	9.6	9.0	8.5	8.1	7.7	7.3	7.0	6.7	6.4

4916-65SS	10	0.261	10.2	9.1	8.2	7.4	6.8	6.3	5.8	5.4	5.1	4.8	4.5	4.3	4.1	3.9	3.7	3.5	3.4
	20	0.369	14.4	12.8	11.5	10.5	9.6	8.9	8.2	7.7	7.2	6.8	6.4	6.1	5.8	5.5	5.2	5.0	4.8
	30	0.452	17.7	15.7	14.1	12.8	11.8	10.9	10.1	9.4	8.8	8.3	7.9	7.4	7.1	6.7	6.4	6.1	5.9
	40	0.522	20.4	18.1	16.3	14.8	13.6	12.6	11.7	10.9	10.2	9.6	9.1	8.6	8.2	7.8	7.4	7.1	6.8

4916-67SS	10	0.278	10.9	9.7	8.7	7.9	7.2	6.7	6.2	5.8	5.4	5.1	4.8	4.6	4.3	4.1	4.0	3.8	3.6
	20	0.392	15.3	13.6	12.3	11.1	10.2	9.4	8.8	8.2	7.7	7.2	6.8	6.5	6.1	5.8	5.6	5.3	5.1
	30	0.481	18.8	16.7	15.0	13.7	12.5	11.6	10.7	10.0	9.4	8.8	8.4	7.9	7.5	7.2	6.8	6.5	6.3
	40	0.555	21.7	19.3	17.4	15.8	14.5	13.3	12.4	11.6	10.8	10.2	9.6	9.1	8.7	8.3	7.9	7.5	7.2

4916-68SS	10	0.287	11.2	10.0	9.0	8.2	7.5	6.9	6.4	6.0	5.6	5.3	5.0	4.7	4.5	4.3	4.1	3.9	3.7
	20	0.405	15.8	14.1	12.7	11.5	10.6	9.7	9.0	8.4	7.9	7.4	7.0	6.7	6.3	6.0	5.8	5.5	5.3
	30	0.496	19.4	17.2	15.5	14.1	12.9	11.9	11.1	10.3	9.7	9.1	8.6	8.2	7.8	7.4	7.0	6.7	6.5
	40	0.573	22.4	19.9	17.9	16.3	14.9	13.8	12.8	11.9	11.2	10.5	10.0	9.4	9.0	8.5	8.1	7.8	7.5

4916-70SS	10	0.306	12.0	10.6	9.6	8.7	8.0	7.4	6.8	6.4	6.0	5.6	5.3	5.0	4.8	4.6	4.3	4.2	4.0
	20	0.433	16.9	15.0	13.5	12.3	11.3	10.4	9.7	9.0	8.5	8.0	7.5	7.1	6.8	6.4	6.2	5.9	5.6
	30	0.530	20.7	18.4	16.6	15.1	13.8	12.7	11.8	11.0	10.4	9.7	9.2	8.7	8.3	7.9	7.5	7.2	6.9
	40	0.612	23.9	21.3	19.1	17.4	15.9	14.7	13.7	12.8	12.0	11.3	10.6	10.1	9.6	9.1	8.7	8.3	8.0

4916 FLOW REGULATORS 38" TIP SPACING

ALL INFORMATION BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

12.5	13.0	13.5	14.0	14.5	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0	mph		
2.7	2.6	2.5	2.4	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.7	0.2150	10	4916-59SS
3.8	3.7	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.6	2.5	2.4	2.4	0.3040	20	
4.7	4.5	4.3	4.2	4.0	3.9	3.8	3.6	3.5	3.4	3.3	3.2	3.1	3.1	3.0	2.9	0.3720	30	
5.4	5.2	5.0	4.8	4.7	4.5	4.4	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	0.4330	40	
2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.3	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.8	0.2330	10	4916-61SS
4.1	4.0	3.8	3.7	3.6	3.4	3.3	3.2	3.1	3.0	2.9	2.9	2.8	2.7	2.6	2.6	0.3300	20	
5.1	4.9	4.7	4.5	4.4	4.2	4.1	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.2	0.4040	30	
5.8	5.6	5.4	5.2	5.0	4.9	4.7	4.6	4.4	4.3	4.2	4.0	3.9	3.8	3.7	3.6	0.4660	40	
3.1	3.0	2.8	2.7	2.7	2.6	2.5	2.4	2.3	2.3	2.2	2.1	2.1	2.0	2.0	1.9	0.2460	10	4916-63SS
4.3	4.2	4.0	3.9	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.9	2.8	2.7	0.3470	20	
5.3	5.1	4.9	4.7	4.6	4.4	4.3	4.2	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	0.4250	30	
6.1	5.9	5.7	5.5	5.3	5.1	5.0	4.8	4.7	4.5	4.4	4.3	4.1	4.0	3.9	3.8	0.4910	40	
3.3	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.5	2.4	2.3	2.3	2.2	2.1	2.1	2.0	0.2610	10	4916-65SS
4.6	4.4	4.3	4.1	4.0	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	3.0	2.9	0.3690	20	
5.7	5.4	5.2	5.0	4.9	4.7	4.6	4.4	4.3	4.2	4.0	3.9	3.8	3.7	3.6	3.5	0.4520	30	
6.5	6.3	6.0	5.8	5.6	5.4	5.3	5.1	4.9	4.8	4.7	4.5	4.4	4.3	4.2	4.1	0.5220	40	
3.5	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.6	2.5	2.4	2.3	2.3	2.2	2.2	0.2780	10	4916-67SS
4.9	4.7	4.5	4.4	4.2	4.1	4.0	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.1	0.3920	20	
6.0	5.8	5.6	5.4	5.2	5.0	4.9	4.7	4.6	4.4	4.3	4.2	4.1	4.0	3.9	3.8	0.4810	30	
6.9	6.7	6.4	6.2	6.0	5.8	5.6	5.4	5.3	5.1	5.0	4.8	4.7	4.6	4.4	4.3	0.5550	40	
3.6	3.5	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.6	2.5	2.4	2.4	2.3	2.2	0.2870	10	4916-68SS
5.1	4.9	4.7	4.5	4.4	4.2	4.1	4.0	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.2	0.4050	20	
6.2	6.0	5.7	5.5	5.3	5.2	5.0	4.8	4.7	4.6	4.4	4.3	4.2	4.1	4.0	3.9	0.4960	30	
7.2	6.9	6.6	6.4	6.2	6.0	5.8	5.6	5.4	5.3	5.1	5.0	4.8	4.7	4.6	4.5	0.5730	40	
3.8	3.7	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.7	2.6	2.5	2.5	2.4	0.3060	10	4916-70SS
5.4	5.2	5.0	4.8	4.7	4.5	4.4	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	0.4330	20	
6.6	6.4	6.1	5.9	5.7	5.5	5.3	5.2	5.0	4.9	4.7	4.6	4.5	4.4	4.2	4.1	0.5300	30	
7.7	7.4	7.1	6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.5	5.3	5.2	5.0	4.9	4.8	0.6120	40	

4916 FLOW REGULATORS 38" TIP SPACING

ALL INFORMATION BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

mph	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0
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4916-72SS	10	0.320	12.5	11.1	10.0	9.1	8.3	7.7	7.1	6.7	6.3	5.9	5.6	5.3	5.0	4.8	4.5	4.3	4.2
	20	0.453	17.7	15.7	14.2	12.9	11.8	10.9	10.1	9.4	8.9	8.3	7.9	7.5	7.1	6.7	6.4	6.2	5.9
	30	0.544	21.3	18.9	17.0	15.5	14.2	13.1	12.1	11.3	10.6	10.0	9.4	9.0	8.5	8.1	7.7	7.4	7.1
	40	0.640	25.0	22.2	20.0	18.2	16.7	15.4	14.3	13.3	12.5	11.8	11.1	10.5	10.0	9.5	9.1	8.7	8.3

4916-73SS	10	0.330	12.9	11.5	10.3	9.4	8.6	7.9	7.4	6.9	6.4	6.1	5.7	5.4	5.2	4.9	4.7	4.5	4.3
	20	0.467	18.2	16.2	14.6	13.3	12.2	11.2	10.4	9.7	9.1	8.6	8.1	7.7	7.3	7.0	6.6	6.3	6.1
	30	0.572	22.4	19.9	17.9	16.3	14.9	13.8	12.8	11.9	11.2	10.5	9.9	9.4	8.9	8.5	8.1	7.8	7.5
	40	0.666	26.0	23.1	20.8	18.9	17.4	16.0	14.9	13.9	13.0	12.2	11.6	11.0	10.4	9.9	9.5	9.1	8.7

4916-75SS	10	0.347	13.6	12.1	10.8	9.9	9.0	8.3	7.7	7.2	6.8	6.4	6.0	5.7	5.4	5.2	4.9	4.7	4.5
	20	0.491	19.2	17.1	15.4	14.0	12.8	11.8	11.0	10.2	9.6	9.0	8.5	8.1	7.7	7.3	7.0	6.7	6.4
	30	0.600	23.4	20.8	18.8	17.1	15.6	14.4	13.4	12.5	11.7	11.0	10.4	9.9	9.4	8.9	8.5	8.2	7.8
	40	0.694	27.1	24.1	21.7	19.7	18.1	16.7	15.5	14.5	13.6	12.8	12.1	11.4	10.8	10.3	9.9	9.4	9.0

4916-78SS	10	0.385	15.0	13.4	12.0	10.9	10.0	9.3	8.6	8.0	7.5	7.1	6.7	6.3	6.0	5.7	5.5	5.2	5.0
	20	0.544	21.3	18.9	17.0	15.5	14.2	13.1	12.1	11.3	10.6	10.0	9.4	9.0	8.5	8.1	7.7	7.4	7.1
	30	0.667	26.1	23.2	20.9	19.0	17.4	16.0	14.9	13.9	13.0	12.3	11.6	11.0	10.4	9.9	9.5	9.1	8.7
	40	0.770	30.1	26.7	24.1	21.9	20.1	18.5	17.2	16.0	15.0	14.2	13.4	12.7	12.0	11.5	10.9	10.5	10.0

4916-80SS	10	0.397	15.5	13.8	12.4	11.3	10.3	9.5	8.9	8.3	7.8	7.3	6.9	6.5	6.2	5.9	5.6	5.4	5.2
	20	0.561	21.9	19.5	17.5	15.9	14.6	13.5	12.5	11.7	11.0	10.3	9.7	9.2	8.8	8.4	8.0	7.6	7.3
	30	0.687	26.8	23.9	21.5	19.5	17.9	16.5	15.3	14.3	13.4	12.6	11.9	11.3	10.7	10.2	9.8	9.3	8.9
	40	0.793	31.0	27.5	24.8	22.5	20.7	19.1	17.7	16.5	15.5	14.6	13.8	13.0	12.4	11.8	11.3	10.8	10.3

4916-81SS	10	0.411	16.1	14.3	12.8	11.7	10.7	9.9	9.2	8.6	8.0	7.6	7.1	6.8	6.4	6.1	5.8	5.6	5.4
	20	0.581	22.7	20.2	18.2	16.5	15.1	14.0	13.0	12.1	11.4	10.7	10.1	9.6	9.1	8.6	8.3	7.9	7.6
	30	0.711	27.8	24.7	22.2	20.2	18.5	17.1	15.9	14.8	13.9	13.1	12.3	11.7	11.1	10.6	10.1	9.7	9.3
	40	0.821	32.1	28.5	25.7	23.3	21.4	19.7	18.3	17.1	16.0	15.1	14.3	13.5	12.8	12.2	11.7	11.2	10.7

4916-83SS	10	0.499	19.5	17.3	15.6	14.2	13.0	12.0	11.1	10.4	9.8	9.2	8.7	8.2	7.8	7.4	7.1	6.8	6.5
	20	0.634	24.8	22.0	19.8	18.0	16.5	15.2	14.2	13.2	12.4	11.7	11.0	10.4	9.9	9.4	9.0	8.6	8.3
	30	0.777	30.4	27.0	24.3	22.1	20.2	18.7	17.4	16.2	15.2	14.3	13.5	12.8	12.1	11.6	11.0	10.6	10.1
	40	0.897	35.1	31.2	28.0	25.5	23.4	21.6	20.0	18.7	17.5	16.5	15.6	14.8	14.0	13.4	12.7	12.2	11.7

4916 FLOW REGULATORS 38" TIP SPACING

ALL INFORMATION BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

12.5	13.0	13.5	14.0	14.5	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0	mph		
4.0	3.8	3.7	3.6	3.4	3.3	3.2	3.1	3.0	2.9	2.9	2.8	2.7	2.6	2.6	2.5	0.3200	10	4916-72SS
5.7	5.4	5.2	5.1	4.9	4.7	4.6	4.4	4.3	4.2	4.0	3.9	3.8	3.7	3.6	3.5	0.4530	20	
6.8	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.2	5.0	4.9	4.7	4.6	4.5	4.4	4.3	0.5440	30	
8.0	7.7	7.4	7.1	6.9	6.7	6.5	6.3	6.1	5.9	5.7	5.6	5.4	5.3	5.1	5.0	0.6400	40	
4.1	4.0	3.8	3.7	3.6	3.4	3.3	3.2	3.1	3.0	2.9	2.9	2.8	2.7	2.6	2.6	0.3300	10	4916-73SS
5.8	5.6	5.4	5.2	5.0	4.9	4.7	4.6	4.4	4.3	4.2	4.1	3.9	3.8	3.7	3.6	0.4670	20	
7.2	6.9	6.6	6.4	6.2	6.0	5.8	5.6	5.4	5.3	5.1	5.0	4.8	4.7	4.6	4.5	0.5720	30	
8.3	8.0	7.7	7.4	7.2	6.9	6.7	6.5	6.3	6.1	5.9	5.8	5.6	5.5	5.3	5.2	0.6660	40	
4.3	4.2	4.0	3.9	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.9	2.8	2.7	0.3470	10	4916-75SS
6.1	5.9	5.7	5.5	5.3	5.1	5.0	4.8	4.7	4.5	4.4	4.3	4.1	4.0	3.9	3.8	0.4910	20	
7.5	7.2	6.9	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.4	5.2	5.1	4.9	4.8	4.7	0.6000	30	
8.7	8.3	8.0	7.7	7.5	7.2	7.0	6.8	6.6	6.4	6.2	6.0	5.9	5.7	5.6	5.4	0.6940	40	
4.8	4.6	4.5	4.3	4.2	4.0	3.9	3.8	3.6	3.5	3.4	3.3	3.3	3.2	3.1	3.0	0.3850	10	4916-78SS
6.8	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.2	5.0	4.9	4.7	4.6	4.5	4.4	4.3	0.5440	20	
8.3	8.0	7.7	7.4	7.2	7.0	6.7	6.5	6.3	6.1	6.0	5.8	5.6	5.5	5.3	5.2	0.6670	30	
9.6	9.3	8.9	8.6	8.3	8.0	7.8	7.5	7.3	7.1	6.9	6.7	6.5	6.3	6.2	6.0	0.7700	40	
5.0	4.8	4.6	4.4	4.3	4.1	4.0	3.9	3.8	3.7	3.5	3.4	3.4	3.3	3.2	3.1	0.3970	10	4916-80SS
7.0	6.7	6.5	6.3	6.0	5.8	5.7	5.5	5.3	5.2	5.0	4.9	4.7	4.6	4.5	4.4	0.5610	20	
8.6	8.3	8.0	7.7	7.4	7.2	6.9	6.7	6.5	6.3	6.1	6.0	5.8	5.7	5.5	5.4	0.6870	30	
9.9	9.5	9.2	8.9	8.5	8.3	8.0	7.7	7.5	7.3	7.1	6.9	6.7	6.5	6.4	6.2	0.7930	40	
5.1	4.9	4.8	4.6	4.4	4.3	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	0.4110	10	4916-81SS
7.3	7.0	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.2	5.0	4.9	4.8	4.7	4.5	0.5810	20	
8.9	8.5	8.2	7.9	7.7	7.4	7.2	6.9	6.7	6.5	6.4	6.2	6.0	5.8	5.7	5.6	0.7110	30	
10.3	9.9	9.5	9.2	8.9	8.6	8.3	8.0	7.8	7.5	7.3	7.1	6.9	6.8	6.6	6.4	0.8210	40	
6.2	6.0	5.8	5.6	5.4	5.2	5.0	4.9	4.7	4.6	4.5	4.3	4.2	4.1	4.0	3.9	0.4990	10	4916-83SS
7.9	7.6	7.3	7.1	6.8	6.6	6.4	6.2	6.0	5.8	5.7	5.5	5.4	5.2	5.1	5.0	0.6340	20	
9.7	9.3	9.0	8.7	8.4	8.1	7.8	7.6	7.4	7.1	6.9	6.7	6.6	6.4	6.2	6.1	0.7770	30	
11.2	10.8	10.4	10.0	9.7	9.3	9.0	8.8	8.5	8.2	8.0	7.8	7.6	7.4	7.2	7.0	0.8970	40	

4916 FLOW REGULATORS 38" TIP SPACING

ALL INFORMATION BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

mph	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0
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4916-86SS	10	0.470	18.4	16.3	14.7	13.4	12.2	11.3	10.5	9.8	9.2	8.6	8.2	7.7	7.3	7.0	6.7	6.4	6.1
	20	0.664	25.9	23.1	20.8	18.9	17.3	16.0	14.8	13.8	13.0	12.2	11.5	10.9	10.4	9.9	9.4	9.0	8.6
	30	0.813	31.8	28.2	25.4	23.1	21.2	19.6	18.2	16.9	15.9	15.0	14.1	13.4	12.7	12.1	11.6	11.1	10.6
	40	0.939	36.7	32.6	29.4	26.7	24.5	22.6	21.0	19.6	18.3	17.3	16.3	15.5	14.7	14.0	13.3	12.8	12.2

4916-89SS	10	0.490	19.1	17.0	15.3	13.9	12.8	11.8	10.9	10.2	9.6	9.0	8.5	8.1	7.7	7.3	7.0	6.7	6.4
	20	0.693	27.1	24.1	21.7	19.7	18.1	16.7	15.5	14.4	13.5	12.7	12.0	11.4	10.8	10.3	9.8	9.4	9.0
	30	0.849	33.2	29.5	26.5	24.1	22.1	20.4	19.0	17.7	16.6	15.6	14.7	14.0	13.3	12.6	12.1	11.5	11.1
	40	0.980	38.3	34.0	30.6	27.9	25.5	23.6	21.9	20.4	19.1	18.0	17.0	16.1	15.3	14.6	13.9	13.3	12.8

4916-91SS	10	0.523	20.4	18.2	16.4	14.9	13.6	12.6	11.7	10.9	10.2	9.6	9.1	8.6	8.2	7.8	7.4	7.1	6.8
	20	0.739	28.9	25.7	23.1	21.0	19.3	17.8	16.5	15.4	14.4	13.6	12.8	12.2	11.6	11.0	10.5	10.0	9.6
	30	0.905	35.4	31.4	28.3	25.7	23.6	21.8	20.2	18.9	17.7	16.6	15.7	14.9	14.1	13.5	12.9	12.3	11.8
	40	1.050	41.0	36.5	32.8	29.8	27.4	25.3	23.4	21.9	20.5	19.3	18.2	17.3	16.4	15.6	14.9	14.3	13.7

4916-93SS	10	0.547	21.4	19.0	17.1	15.5	14.3	13.2	12.2	11.4	10.7	10.1	9.5	9.0	8.6	8.1	7.8	7.4	7.1
	20	0.774	30.2	26.9	24.2	22.0	20.2	18.6	17.3	16.1	15.1	14.2	13.4	12.7	12.1	11.5	11.0	10.5	10.1
	30	0.947	37.0	32.9	29.6	26.9	24.7	22.8	21.1	19.7	18.5	17.4	16.4	15.6	14.8	14.1	13.5	12.9	12.3
	40	1.090	42.6	37.9	34.1	31.0	28.4	26.2	24.3	22.7	21.3	20.0	18.9	17.9	17.0	16.2	15.5	14.8	14.2

4916-95SS	10	0.572	22.4	19.9	17.9	16.3	14.9	13.8	12.8	11.9	11.2	10.5	9.9	9.4	8.9	8.5	8.1	7.8	7.5
	20	0.808	31.6	28.1	25.3	23.0	21.1	19.4	18.0	16.8	15.8	14.9	14.0	13.3	12.6	12.0	11.5	11.0	10.5
	30	0.990	38.7	34.4	31.0	28.1	25.8	23.8	22.1	20.6	19.3	18.2	17.2	16.3	15.5	14.7	14.1	13.5	12.9
	40	1.140	44.6	39.6	35.6	32.4	29.7	27.4	25.5	23.8	22.3	21.0	19.8	18.8	17.8	17.0	16.2	15.5	14.9

4916-98SS	10	0.625	24.4	21.7	19.5	17.8	16.3	15.0	14.0	13.0	12.2	11.5	10.9	10.3	9.8	9.3	8.9	8.5	8.1
	20	0.884	34.5	30.7	27.6	25.1	23.0	21.3	19.7	18.4	17.3	16.3	15.4	14.5	13.8	13.2	12.6	12.0	11.5
	30	1.080	42.2	37.5	33.8	30.7	28.1	26.0	24.1	22.5	21.1	19.9	18.8	17.8	16.9	16.1	15.3	14.7	14.1
	40	1.250	48.8	43.4	39.1	35.5	32.6	30.1	27.9	26.1	24.4	23.0	21.7	20.6	19.5	18.6	17.8	17.0	16.3

4916-103SS	10	0.653	25.5	22.7	20.4	18.6	17.0	15.7	14.6	13.6	12.8	12.0	11.3	10.7	10.2	9.7	9.3	8.9	8.5
	20	0.923	36.1	32.1	28.9	26.2	24.0	22.2	20.6	19.2	18.0	17.0	16.0	15.2	14.4	13.7	13.1	12.5	12.0
	30	1.130	44.2	39.3	35.3	32.1	29.4	27.2	25.2	23.6	22.1	20.8	19.6	18.6	17.7	16.8	16.1	15.4	14.7
	40	1.310	51.2	45.5	41.0	37.2	34.1	31.5	29.3	27.3	25.6	24.1	22.8	21.6	20.5	19.5	18.6	17.8	17.1

4916 FLOW REGULATORS 38" TIP SPACING

ALL INFORMATION BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

12.5	13.0	13.5	14.0	14.5	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0	mph		
5.9	5.7	5.4	5.2	5.1	4.9	4.7	4.6	4.5	4.3	4.2	4.1	4.0	3.9	3.8	3.7	0.4700	10	4916-86SS
8.3	8.0	7.7	7.4	7.2	6.9	6.7	6.5	6.3	6.1	5.9	5.8	5.6	5.5	5.3	5.2	0.6640	20	
10.2	9.8	9.4	9.1	8.8	8.5	8.2	7.9	7.7	7.5	7.3	7.1	6.9	6.7	6.5	6.4	0.8130	30	
11.7	11.3	10.9	10.5	10.1	9.8	9.5	9.2	8.9	8.6	8.4	8.2	7.9	7.7	7.5	7.3	0.9390	40	
6.1	5.9	5.7	5.5	5.3	5.1	4.9	4.8	4.6	4.5	4.4	4.3	4.1	4.0	3.9	3.8	0.4900	10	4916-89SS
8.7	8.3	8.0	7.7	7.5	7.2	7.0	6.8	6.6	6.4	6.2	6.0	5.9	5.7	5.6	5.4	0.6930	20	
10.6	10.2	9.8	9.5	9.2	8.8	8.6	8.3	8.0	7.8	7.6	7.4	7.2	7.0	6.8	6.6	0.8490	30	
12.3	11.8	11.3	10.9	10.6	10.2	9.9	9.6	9.3	9.0	8.8	8.5	8.3	8.1	7.9	7.7	0.9800	40	
6.5	6.3	6.1	5.8	5.6	5.5	5.3	5.1	5.0	4.8	4.7	4.5	4.4	4.3	4.2	4.1	0.5230	10	4916-91SS
9.2	8.9	8.6	8.3	8.0	7.7	7.5	7.2	7.0	6.8	6.6	6.4	6.2	6.1	5.9	5.8	0.7390	20	
11.3	10.9	10.5	10.1	9.8	9.4	9.1	8.8	8.6	8.3	8.1	7.9	7.6	7.4	7.3	7.1	0.9050	30	
13.1	12.6	12.2	11.7	11.3	10.9	10.6	10.3	9.9	9.7	9.4	9.1	8.9	8.6	8.4	8.2	1.0500	40	
6.8	6.6	6.3	6.1	5.9	5.7	5.5	5.3	5.2	5.0	4.9	4.8	4.6	4.5	4.4	4.3	0.5470	10	4916-93SS
9.7	9.3	9.0	8.6	8.3	8.1	7.8	7.6	7.3	7.1	6.9	6.7	6.5	6.4	6.2	6.0	0.7740	20	
11.8	11.4	11.0	10.6	10.2	9.9	9.6	9.3	9.0	8.7	8.5	8.2	8.0	7.8	7.6	7.4	0.9470	30	
13.6	13.1	12.6	12.2	11.8	11.4	11.0	10.6	10.3	10.0	9.7	9.5	9.2	9.0	8.7	8.5	1.0900	40	
7.2	6.9	6.6	6.4	6.2	6.0	5.8	5.6	5.4	5.3	5.1	5.0	4.8	4.7	4.6	4.5	0.5720	10	4916-95SS
10.1	9.7	9.4	9.0	8.7	8.4	8.1	7.9	7.7	7.4	7.2	7.0	6.8	6.6	6.5	6.3	0.8080	20	
12.4	11.9	11.5	11.1	10.7	10.3	10.0	9.7	9.4	9.1	8.8	8.6	8.4	8.1	7.9	7.7	0.9900	30	
14.3	13.7	13.2	12.7	12.3	11.9	11.5	11.1	10.8	10.5	10.2	9.9	9.6	9.4	9.1	8.9	1.1400	40	
7.8	7.5	7.2	7.0	6.7	6.5	6.3	6.1	5.9	5.7	5.6	5.4	5.3	5.1	5.0	4.9	0.6250	10	4916-98SS
11.1	10.6	10.2	9.9	9.5	9.2	8.9	8.6	8.4	8.1	7.9	7.7	7.5	7.3	7.1	6.9	0.8840	20	
13.5	13.0	12.5	12.1	11.6	11.3	10.9	10.6	10.2	9.9	9.6	9.4	9.1	8.9	8.7	8.4	1.0800	30	
15.6	15.0	14.5	14.0	13.5	13.0	12.6	12.2	11.8	11.5	11.2	10.9	10.6	10.3	10.0	9.8	1.2500	40	
8.2	7.9	7.6	7.3	7.0	6.8	6.6	6.4	6.2	6.0	5.8	5.7	5.5	5.4	5.2	5.1	0.6530	10	4916-103SS
11.5	11.1	10.7	10.3	10.0	9.6	9.3	9.0	8.7	8.5	8.2	8.0	7.8	7.6	7.4	7.2	0.9230	20	
14.1	13.6	13.1	12.6	12.2	11.8	11.4	11.0	10.7	10.4	10.1	9.8	9.5	9.3	9.1	8.8	1.1300	30	
16.4	15.8	15.2	14.6	14.1	13.7	13.2	12.8	12.4	12.0	11.7	11.4	11.1	10.8	10.5	10.2	1.3100	40	

4916 FLOW REGULATORS 38" TIP SPACING

ALL INFORMATION BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

mph	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0
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4916-107SS	10	0.733	28.6	25.5	22.9	20.8	19.1	17.6	16.4	15.3	14.3	13.5	12.7	12.1	11.5	10.9	10.4	10.0	9.5
	20	1.040	40.6	36.1	32.5	29.6	27.1	25.0	23.2	21.7	20.3	19.1	18.1	17.1	16.3	15.5	14.8	14.1	13.5
	30	1.270	49.6	44.1	39.7	36.1	33.1	30.5	28.4	26.5	24.8	23.4	22.1	20.9	19.9	18.9	18.0	17.3	16.5
	40	1.470	57.4	51.1	46.0	41.8	38.3	35.4	32.8	30.6	28.7	27.0	25.5	24.2	23.0	21.9	20.9	20.0	19.1

4916-110SS	10	0.775	30.3	26.9	24.2	22.0	20.2	18.6	17.3	16.2	15.1	14.3	13.5	12.8	12.1	11.5	11.0	10.5	10.1
	20	1.100	43.0	38.2	34.4	31.3	28.7	26.5	24.6	22.9	21.5	20.2	19.1	18.1	17.2	16.4	15.6	15.0	14.3
	30	1.340	52.4	46.5	41.9	38.1	34.9	32.2	29.9	27.9	26.2	24.6	23.3	22.0	20.9	19.9	19.0	18.2	17.5
	40	1.550	60.6	53.8	48.5	44.1	40.4	37.3	34.6	32.3	30.3	28.5	26.9	25.5	24.2	23.1	22.0	21.1	20.2

4916-115SS	10	0.885	34.6	30.7	27.7	25.2	23.1	21.3	19.8	18.4	17.3	16.3	15.4	14.6	13.8	13.2	12.6	12.0	11.5
	20	1.210	47.3	42.0	37.8	34.4	31.5	29.1	27.0	25.2	23.6	22.3	21.0	19.9	18.9	18.0	17.2	16.4	15.8
	30	1.480	57.8	51.4	46.3	42.1	38.6	35.6	33.0	30.8	28.9	27.2	25.7	24.4	23.1	22.0	21.0	20.1	19.3
	40	1.710	66.8	59.4	53.5	48.6	44.6	41.1	38.2	35.6	33.4	31.4	29.7	28.1	26.7	25.5	24.3	23.2	22.3

4916-120SS	10	0.890	34.8	30.9	27.8	25.3	23.2	21.4	19.9	18.5	17.4	16.4	15.5	14.6	13.9	13.2	12.6	12.1	11.6
	20	1.260	49.2	43.8	39.4	35.8	32.8	30.3	28.1	26.3	24.6	23.2	21.9	20.7	19.7	18.8	17.9	17.1	16.4
	30	1.540	60.2	53.5	48.1	43.8	40.1	37.0	34.4	32.1	30.1	28.3	26.7	25.3	24.1	22.9	21.9	20.9	20.1
	40	1.780	69.6	61.8	55.6	50.6	46.4	42.8	39.7	37.1	34.8	32.7	30.9	29.3	27.8	26.5	25.3	24.2	23.2

4916-125SS	10	0.980	38.3	34.0	30.6	27.9	25.5	23.6	21.9	20.4	19.1	18.0	17.0	16.1	15.3	14.6	13.9	13.3	12.8
	20	1.390	54.3	48.3	43.5	39.5	36.2	33.4	31.0	29.0	27.2	25.6	24.1	22.9	21.7	20.7	19.8	18.9	18.1
	30	1.700	66.4	59.1	53.1	48.3	44.3	40.9	38.0	35.4	33.2	31.3	29.5	28.0	26.6	25.3	24.2	23.1	22.1
	40	1.960	76.6	68.1	61.3	55.7	51.1	47.1	43.8	40.9	38.3	36.0	34.0	32.3	30.6	29.2	27.9	26.6	25.5

4916-128SS	10	1.020	39.9	35.4	31.9	29.0	26.6	24.5	22.8	21.3	19.9	18.8	17.7	16.8	15.9	15.2	14.5	13.9	13.3
	20	1.440	56.3	50.0	45.0	40.9	37.5	34.6	32.2	30.0	28.1	26.5	25.0	23.7	22.5	21.4	20.5	19.6	18.8
	30	1.770	69.2	61.5	55.3	50.3	46.1	42.6	39.5	36.9	34.6	32.6	30.7	29.1	27.7	26.4	25.2	24.1	23.1
	40	2.040	79.7	70.9	63.8	58.0	53.1	49.1	45.6	42.5	39.9	37.5	35.4	33.6	31.9	30.4	29.0	27.7	26.6

4916-132SS	10	1.100	43.0	38.2	34.4	31.3	28.7	26.5	24.6	22.9	21.5	20.2	19.1	18.1	17.2	16.4	15.6	15.0	14.3
	20	1.550	60.6	53.8	48.5	44.1	40.4	37.3	34.6	32.3	30.3	28.5	26.9	25.5	24.2	23.1	22.0	21.1	20.2
	30	1.900	74.3	66.0	59.4	54.0	49.5	45.7	42.4	39.6	37.1	34.9	33.0	31.3	29.7	28.3	27.0	25.8	24.8
	40	2.190	85.6	76.1	68.5	62.2	57.1	52.7	48.9	45.6	42.8	40.3	38.0	36.0	34.2	32.6	31.1	29.8	28.5

4916 FLOW REGULATORS 38" TIP SPACING

ALL INFORMATION BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

12.5	13.0	13.5	14.0	14.5	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0	mph		
9.2	8.8	8.5	8.2	7.9	7.6	7.4	7.2	6.9	6.7	6.5	6.4	6.2	6.0	5.9	5.7	0.7330	10	4916-107SS
13.0	12.5	12.0	11.6	11.2	10.8	10.5	10.2	9.9	9.6	9.3	9.0	8.8	8.6	8.3	8.1	1.0400	20	
15.9	15.3	14.7	14.2	13.7	13.2	12.8	12.4	12.0	11.7	11.3	11.0	10.7	10.4	10.2	9.9	1.2700	30	
18.4	17.7	17.0	16.4	15.8	15.3	14.8	14.4	13.9	13.5	13.1	12.8	12.4	12.1	11.8	11.5	1.4700	40	
9.7	9.3	9.0	8.7	8.4	8.1	7.8	7.6	7.3	7.1	6.9	6.7	6.5	6.4	6.2	6.1	0.7750	10	4916-110SS
13.8	13.2	12.7	12.3	11.9	11.5	11.1	10.7	10.4	10.1	9.8	9.6	9.3	9.0	8.8	8.6	1.1000	20	
16.8	16.1	15.5	15.0	14.4	14.0	13.5	13.1	12.7	12.3	12.0	11.6	11.3	11.0	10.7	10.5	1.3400	30	
19.4	18.6	17.9	17.3	16.7	16.2	15.6	15.1	14.7	14.3	13.8	13.5	13.1	12.8	12.4	12.1	1.5500	40	
11.1	10.6	10.2	9.9	9.5	9.2	8.9	8.6	8.4	8.1	7.9	7.7	7.5	7.3	7.1	6.9	0.8850	10	4916-115SS
15.1	14.5	14.0	13.5	13.0	12.6	12.2	11.8	11.5	11.1	10.8	10.5	10.2	10.0	9.7	9.5	1.2100	20	
18.5	17.8	17.1	16.5	16.0	15.4	14.9	14.5	14.0	13.6	13.2	12.9	12.5	12.2	11.9	11.6	1.4800	30	
21.4	20.6	19.8	19.1	18.4	17.8	17.2	16.7	16.2	15.7	15.3	14.9	14.4	14.1	13.7	13.4	1.7100	40	
11.1	10.7	10.3	9.9	9.6	9.3	9.0	8.7	8.4	8.2	7.9	7.7	7.5	7.3	7.1	7.0	0.8900	10	4916-120SS
15.8	15.2	14.6	14.1	13.6	13.1	12.7	12.3	11.9	11.6	11.3	10.9	10.6	10.4	10.1	9.8	1.2600	20	
19.3	18.5	17.8	17.2	16.6	16.0	15.5	15.0	14.6	14.2	13.8	13.4	13.0	12.7	12.3	12.0	1.5400	30	
22.3	21.4	20.6	19.9	19.2	18.5	18.0	17.4	16.9	16.4	15.9	15.5	15.0	14.6	14.3	13.9	1.7800	40	
12.3	11.8	11.3	10.9	10.6	10.2	9.9	9.6	9.3	9.0	8.8	8.5	8.3	8.1	7.9	7.7	0.9800	10	4916-125SS
17.4	16.7	16.1	15.5	15.0	14.5	14.0	13.6	13.2	12.8	12.4	12.1	11.7	11.4	11.1	10.9	1.3900	20	
21.3	20.4	19.7	19.0	18.3	17.7	17.1	16.6	16.1	15.6	15.2	14.8	14.4	14.0	13.6	13.3	1.7000	30	
24.5	23.6	22.7	21.9	21.1	20.4	19.8	19.1	18.6	18.0	17.5	17.0	16.6	16.1	15.7	15.3	1.9600	40	
12.8	12.3	11.8	11.4	11.0	10.6	10.3	10.0	9.7	9.4	9.1	8.9	8.6	8.4	8.2	8.0	1.0200	10	4916-128SS
18.0	17.3	16.7	16.1	15.5	15.0	14.5	14.1	13.6	13.2	12.9	12.5	12.2	11.8	11.5	11.3	1.4400	20	
22.1	21.3	20.5	19.8	19.1	18.4	17.9	17.3	16.8	16.3	15.8	15.4	15.0	14.6	14.2	13.8	1.7700	30	
25.5	24.5	23.6	22.8	22.0	21.3	20.6	19.9	19.3	18.8	18.2	17.7	17.2	16.8	16.4	15.9	2.0400	40	
13.8	13.2	12.7	12.3	11.9	11.5	11.1	10.7	10.4	10.1	9.8	9.6	9.3	9.0	8.8	8.6	1.1000	10	4916-132SS
19.4	18.6	17.9	17.3	16.7	16.2	15.6	15.1	14.7	14.3	13.8	13.5	13.1	12.8	12.4	12.1	1.5500	20	
23.8	22.8	22.0	21.2	20.5	19.8	19.2	18.6	18.0	17.5	17.0	16.5	16.1	15.6	15.2	14.9	1.9000	30	
27.4	26.3	25.4	24.5	23.6	22.8	22.1	21.4	20.7	20.1	19.6	19.0	18.5	18.0	17.6	17.1	2.1900	40	

4916 FLOW REGULATORS 38" TIP SPACING

ALL INFORMATION BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

mph	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0
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4916-136SS	10	1.190	46.5	41.3	37.2	33.8	31.0	28.6	26.6	24.8	23.3	21.9	20.7	19.6	18.6	17.7	16.9	16.2	15.5
	20	1.680	65.7	58.4	52.5	47.7	43.8	40.4	37.5	35.0	32.8	30.9	29.2	27.6	26.3	25.0	23.9	22.8	21.9
	30	2.060	80.5	71.6	64.4	58.5	53.7	49.5	46.0	42.9	40.3	37.9	35.8	33.9	32.2	30.7	29.3	28.0	26.8
	40	2.380	93.0	82.7	74.4	67.6	62.0	57.2	53.1	49.6	46.5	43.8	41.3	39.2	37.2	35.4	33.8	32.4	31.0

4916-140SS	10	1.270	49.6	44.1	39.7	36.1	33.1	30.5	28.4	26.5	24.8	23.4	22.1	20.9	19.9	18.9	18.0	17.3	16.5
	20	1.790	70.0	62.2	56.0	50.9	46.6	43.0	40.0	37.3	35.0	32.9	31.1	29.5	28.0	26.6	25.4	24.3	23.3
	30	2.190	85.6	76.1	68.5	62.2	57.1	52.7	48.9	45.6	42.8	40.3	38.0	36.0	34.2	32.6	31.1	29.8	28.5
	40	2.530	98.9	87.9	79.1	71.9	65.9	60.8	56.5	52.7	49.4	46.5	43.9	41.6	39.5	37.7	36.0	34.4	33.0

4916-144SS	10	1.310	51.2	45.5	41.0	37.2	34.1	31.5	29.3	27.3	25.6	24.1	22.8	21.6	20.5	19.5	18.6	17.8	17.1
	20	1.850	72.3	64.3	57.8	52.6	48.2	44.5	41.3	38.6	36.1	34.0	32.1	30.4	28.9	27.5	26.3	25.1	24.1
	30	2.270	88.7	78.9	71.0	64.5	59.1	54.6	50.7	47.3	44.4	41.7	39.4	37.4	35.5	33.8	32.3	30.9	29.6
	40	2.620	102.4	91.0	81.9	74.5	68.3	63.0	58.5	54.6	51.2	48.2	45.5	43.1	41.0	39.0	37.2	35.6	34.1

4916-147SS	10	1.350	52.8	46.9	42.2	38.4	35.2	32.5	30.1	28.1	26.4	24.8	23.4	22.2	21.1	20.1	19.2	18.4	17.6
	20	1.910	74.6	66.3	59.7	54.3	49.8	45.9	42.7	39.8	37.3	35.1	33.2	31.4	29.9	28.4	27.1	26.0	24.9
	30	2.330	91.1	80.9	72.8	66.2	60.7	56.0	52.0	48.6	45.5	42.8	40.5	38.3	36.4	34.7	33.1	31.7	30.4
	40	2.700	105.5	93.8	84.4	76.7	70.3	64.9	60.3	56.3	52.8	49.7	46.9	44.4	42.2	40.2	38.4	36.7	35.2

4916-151SS	10	1.470	57.4	51.1	46.0	41.8	38.3	35.4	32.8	30.6	28.7	27.0	25.5	24.2	23.0	21.9	20.9	20.0	19.1
	20	2.080	81.3	72.3	65.0	59.1	54.2	50.0	46.4	43.4	40.6	38.3	36.1	34.2	32.5	31.0	29.6	28.3	27.1
	30	2.550	99.7	88.6	79.7	72.5	66.4	61.3	56.9	53.1	49.8	46.9	44.3	42.0	39.9	38.0	36.2	34.7	33.2
	40	2.940	114.9	102.1	91.9	83.6	76.6	70.7	65.7	61.3	57.4	54.1	51.1	48.4	46.0	43.8	41.8	40.0	38.3

4916-156SS	10	1.550	60.6	53.8	48.5	44.1	40.4	37.3	34.6	32.3	30.3	28.5	26.9	25.5	24.2	23.1	22.0	21.1	20.2
	20	2.200	86.0	76.4	68.8	62.5	57.3	52.9	49.1	45.9	43.0	40.5	38.2	36.2	34.4	32.8	31.3	29.9	28.7
	30	2.690	105.1	93.4	84.1	76.5	70.1	64.7	60.1	56.1	52.6	49.5	46.7	44.3	42.0	40.0	38.2	36.6	35.0
	40	3.110	121.5	108.0	97.2	88.4	81.0	74.8	69.4	64.8	60.8	57.2	54.0	51.2	48.6	46.3	44.2	42.3	40.5

4916-161SS	10	1.630	63.7	56.6	51.0	46.3	42.5	39.2	36.4	34.0	31.8	30.0	28.3	26.8	25.5	24.3	23.2	22.2	21.2
	20	2.310	90.3	80.2	72.2	65.7	60.2	55.6	51.6	48.1	45.1	42.5	40.1	38.0	36.1	34.4	32.8	31.4	30.1
	30	2.830	110.6	98.3	88.5	80.4	73.7	68.1	63.2	59.0	55.3	52.0	49.2	46.6	44.2	42.1	40.2	38.5	36.9
	40	3.270	127.8	113.6	102.2	92.9	85.2	78.6	73.0	68.2	63.9	60.1	56.8	53.8	51.1	48.7	46.5	44.4	42.6

4916 FLOW REGULATORS 38" TIP SPACING

ALL INFORMATION BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

12.5	13.0	13.5	14.0	14.5	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0	mph		
14.9	14.3	13.8	13.3	12.8	12.4	12.0	11.6	11.3	10.9	10.6	10.3	10.1	9.8	9.5	9.3	1.1900	10	4916-136SS
21.0	20.2	19.5	18.8	18.1	17.5	16.9	16.4	15.9	15.4	15.0	14.6	14.2	13.8	13.5	13.1	1.6800	20	
25.8	24.8	23.9	23.0	22.2	21.5	20.8	20.1	19.5	18.9	18.4	17.9	17.4	16.9	16.5	16.1	2.0600	30	
29.8	28.6	27.6	26.6	25.7	24.8	24.0	23.3	22.5	21.9	21.3	20.7	20.1	19.6	19.1	18.6	2.3800	40	
15.9	15.3	14.7	14.2	13.7	13.2	12.8	12.4	12.0	11.7	11.3	11.0	10.7	10.4	10.2	9.9	1.2700	10	4916-140SS
22.4	21.5	20.7	20.0	19.3	18.7	18.1	17.5	17.0	16.5	16.0	15.5	15.1	14.7	14.3	14.0	1.7900	20	
27.4	26.3	25.4	24.5	23.6	22.8	22.1	21.4	20.7	20.1	19.6	19.0	18.5	18.0	17.6	17.1	2.1900	30	
31.6	30.4	29.3	28.2	27.3	26.4	25.5	24.7	24.0	23.3	22.6	22.0	21.4	20.8	20.3	19.8	2.5300	40	
16.4	15.8	15.2	14.6	14.1	13.7	13.2	12.8	12.4	12.0	11.7	11.4	11.1	10.8	10.5	10.2	1.3100	10	4916-144SS
23.1	22.2	21.4	20.7	19.9	19.3	18.7	18.1	17.5	17.0	16.5	16.1	15.6	15.2	14.8	14.5	1.8500	20	
28.4	27.3	26.3	25.3	24.5	23.7	22.9	22.2	21.5	20.9	20.3	19.7	19.2	18.7	18.2	17.7	2.2700	30	
32.8	31.5	30.3	29.3	28.2	27.3	26.4	25.6	24.8	24.1	23.4	22.8	22.1	21.6	21.0	20.5	2.6200	40	
16.9	16.2	15.6	15.1	14.6	14.1	13.6	13.2	12.8	12.4	12.1	11.7	11.4	11.1	10.8	10.6	1.3500	10	4916-147SS
23.9	23.0	22.1	21.3	20.6	19.9	19.3	18.7	18.1	17.6	17.1	16.6	16.1	15.7	15.3	14.9	1.9100	20	
29.1	28.0	27.0	26.0	25.1	24.3	23.5	22.8	22.1	21.4	20.8	20.2	19.7	19.2	18.7	18.2	2.3300	30	
33.8	32.5	31.3	30.1	29.1	28.1	27.2	26.4	25.6	24.8	24.1	23.4	22.8	22.2	21.6	21.1	2.7000	40	
18.4	17.7	17.0	16.4	15.8	15.3	14.8	14.4	13.9	13.5	13.1	12.8	12.4	12.1	11.8	11.5	1.4700	10	4916-151SS
26.0	25.0	24.1	23.2	22.4	21.7	21.0	20.3	19.7	19.1	18.6	18.1	17.6	17.1	16.7	16.3	2.0800	20	
31.9	30.7	29.5	28.5	27.5	26.6	25.7	24.9	24.2	23.4	22.8	22.1	21.5	21.0	20.4	19.9	2.5500	30	
36.8	35.4	34.0	32.8	31.7	30.6	29.6	28.7	27.9	27.0	26.3	25.5	24.8	24.2	23.6	23.0	2.9400	40	
19.4	18.6	17.9	17.3	16.7	16.2	15.6	15.1	14.7	14.3	13.8	13.5	13.1	12.8	12.4	12.1	1.5500	10	4916-156SS
27.5	26.5	25.5	24.6	23.7	22.9	22.2	21.5	20.8	20.2	19.7	19.1	18.6	18.1	17.6	17.2	2.2000	20	
33.6	32.3	31.1	30.0	29.0	28.0	27.1	26.3	25.5	24.7	24.0	23.4	22.7	22.1	21.6	21.0	2.6900	30	
38.9	37.4	36.0	34.7	33.5	32.4	31.4	30.4	29.5	28.6	27.8	27.0	26.3	25.6	24.9	24.3	3.1100	40	
20.4	19.6	18.9	18.2	17.6	17.0	16.4	15.9	15.4	15.0	14.6	14.2	13.8	13.4	13.1	12.7	1.6300	10	4916-161SS
28.9	27.8	26.7	25.8	24.9	24.1	23.3	22.6	21.9	21.2	20.6	20.1	19.5	19.0	18.5	18.1	2.3100	20	
35.4	34.0	32.8	31.6	30.5	29.5	28.5	27.6	26.8	26.0	25.3	24.6	23.9	23.3	22.7	22.1	2.8300	30	
40.9	39.3	37.9	36.5	35.3	34.1	33.0	31.9	31.0	30.1	29.2	28.4	27.6	26.9	26.2	25.6	3.2700	40	

4916 FLOW REGULATORS 38" TIP SPACING

ALL INFORMATION BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

mph	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0
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4916-166SS	10	1.720	67.2	59.7	53.8	48.9	44.8	41.4	38.4	35.8	33.6	31.6	29.9	28.3	26.9	25.6	24.4	23.4	22.4
	20	2.430	95.0	84.4	76.0	69.1	63.3	58.4	54.3	50.6	47.5	44.7	42.2	40.0	38.0	36.2	34.5	33.0	31.7
	30	2.970	116.1	103.2	92.9	84.4	77.4	71.4	66.3	61.9	58.0	54.6	51.6	48.9	46.4	44.2	42.2	40.4	38.7
	40	3.430	134.0	119.1	107.2	97.5	89.4	82.5	76.6	71.5	67.0	63.1	59.6	56.4	53.6	51.1	48.7	46.6	44.7

4916-170SS	10	1.840	71.9	63.9	57.5	52.3	47.9	44.2	41.1	38.3	36.0	33.8	32.0	30.3	28.8	27.4	26.1	25.0	24.0
	20	2.610	102.0	90.7	81.6	74.2	68.0	62.8	58.3	54.4	51.0	48.0	45.3	42.9	40.8	38.9	37.1	35.5	34.0
	30	3.190	124.7	110.8	99.7	90.7	83.1	76.7	71.2	66.5	62.3	58.7	55.4	52.5	49.9	47.5	45.3	43.4	41.6
	40	3.690	144.2	128.2	115.4	104.9	96.1	88.7	82.4	76.9	72.1	67.9	64.1	60.7	57.7	54.9	52.4	50.2	48.1

4916-172SS	10	1.920	75.0	66.7	60.0	54.6	50.0	46.2	42.9	40.0	37.5	35.3	33.3	31.6	30.0	28.6	27.3	26.1	25.0
	20	2.710	105.9	94.1	84.7	77.0	70.6	65.2	60.5	56.5	53.0	49.8	47.1	44.6	42.4	40.3	38.5	36.8	35.3
	30	3.320	129.7	115.3	103.8	94.4	86.5	79.8	74.1	69.2	64.9	61.1	57.7	54.6	51.9	49.4	47.2	45.1	43.2
	40	3.840	150.1	133.4	120.1	109.1	100.0	92.3	85.8	80.0	75.0	70.6	66.7	63.2	60.0	57.2	54.6	52.2	50.0

4916-177SS	10	2.000	78.2	69.5	62.5	56.8	52.1	48.1	44.7	41.7	39.1	36.8	34.7	32.9	31.3	29.8	28.4	27.2	26.1
	20	2.830	110.6	98.3	88.5	80.4	73.7	68.1	63.2	59.0	55.3	52.0	49.2	46.6	44.2	42.1	40.2	38.5	36.9
	30	3.460	135.2	120.2	108.2	98.3	90.1	83.2	77.3	72.1	67.6	63.6	60.1	56.9	54.1	51.5	49.2	47.0	45.1
	40	4.000	156.3	138.9	125.1	113.7	104.2	96.2	89.3	83.4	78.2	73.6	69.5	65.8	62.5	59.5	56.8	54.4	52.1

4916-182SS	10	2.080	81.3	72.3	65.0	59.1	54.2	50.0	46.4	43.4	40.6	38.3	36.1	34.2	32.5	31.0	29.6	28.3	27.1
	20	2.950	115.3	102.5	92.2	83.8	76.9	70.9	65.9	61.5	57.6	54.3	51.2	48.5	46.1	43.9	41.9	40.1	38.4
	30	3.610	141.1	125.4	112.9	102.6	94.1	86.8	80.6	75.2	70.5	66.4	62.7	59.4	56.4	53.7	51.3	49.1	47.0
	40	4.170	163.0	144.9	130.4	118.5	108.6	100.3	93.1	86.9	81.5	76.7	72.4	68.6	65.2	62.1	59.3	56.7	54.3

4916-187SS	10	2.210	86.4	76.8	69.1	62.8	57.6	53.1	49.4	46.1	43.2	40.6	38.4	36.4	34.5	32.9	31.4	30.0	28.8
	20	3.120	121.9	108.4	97.5	88.7	81.3	75.0	69.7	65.0	61.0	57.4	54.2	51.3	48.8	46.4	44.3	42.4	40.6
	30	3.820	149.3	132.7	119.4	108.6	99.5	91.9	85.3	79.6	74.6	70.3	66.3	62.9	59.7	56.9	54.3	51.9	49.8
	40	4.410	172.3	153.2	137.9	125.3	114.9	106.1	98.5	91.9	86.2	81.1	76.6	72.6	68.9	65.7	62.7	59.9	57.4

4916-196SS	10	2.450	95.7	85.1	76.6	69.6	63.8	58.9	54.7	51.1	47.9	45.1	42.6	40.3	38.3	36.5	34.8	33.3	31.9
	20	3.460	135.2	120.2	108.2	98.3	90.1	83.2	77.3	72.1	67.6	63.6	60.1	56.9	54.1	51.5	49.2	47.0	45.1
	30	4.240	165.7	147.3	132.6	120.5	110.5	102.0	94.7	88.4	82.8	78.0	73.6	69.8	66.3	63.1	60.3	57.6	55.2
	40	4.900	191.5	170.2	153.2	139.3	127.7	117.8	109.4	102.1	95.7	90.1	85.1	80.6	76.6	72.9	69.6	66.6	63.8

4916 FLOW REGULATORS 38" TIP SPACING

ALL INFORMATION BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

12.5	13.0	13.5	14.0	14.5	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0	mph		
21.5	20.7	19.9	19.2	18.5	17.9	17.3	16.8	16.3	15.8	15.4	14.9	14.5	14.2	13.8	13.4	1.7200	10	4916-166SS
30.4	29.2	28.1	27.1	26.2	25.3	24.5	23.7	23.0	22.3	21.7	21.1	20.5	20.0	19.5	19.0	2.4300	20	
37.1	35.7	34.4	33.2	32.0	31.0	30.0	29.0	28.1	27.3	26.5	25.8	25.1	24.4	23.8	23.2	2.9700	30	
42.9	41.2	39.7	38.3	37.0	35.7	34.6	33.5	32.5	31.5	30.6	29.8	29.0	28.2	27.5	26.8	3.4300	40	
23.0	22.1	21.3	20.5	19.8	19.2	18.6	18.0	17.4	16.9	16.4	16.0	15.5	15.1	14.7	14.4	1.8400	10	4916-170SS
32.6	31.4	30.2	29.1	28.1	27.2	26.3	25.5	24.7	24.0	23.3	22.7	22.1	21.5	20.9	20.4	2.6100	20	
39.9	38.4	36.9	35.6	34.4	33.2	32.2	31.2	30.2	29.3	28.5	27.7	27.0	26.2	25.6	24.9	3.1900	30	
46.1	44.4	42.7	41.2	39.8	38.5	37.2	36.1	35.0	33.9	33.0	32.0	31.2	30.4	29.6	28.8	3.6900	40	
24.0	23.1	22.2	21.4	20.7	20.0	19.4	18.8	18.2	17.7	17.2	16.7	16.2	15.8	15.4	15.0	1.9200	10	4916-172SS
33.9	32.6	31.4	30.3	29.2	28.2	27.3	26.5	25.7	24.9	24.2	23.5	22.9	22.3	21.7	21.2	2.7100	20	
41.5	39.9	38.4	37.1	35.8	34.6	33.5	32.4	31.5	30.5	29.7	28.8	28.1	27.3	26.6	25.9	3.3200	30	
48.0	46.2	44.5	42.9	41.4	40.0	38.7	37.5	36.4	35.3	34.3	33.3	32.4	31.6	30.8	30.0	3.8400	40	
25.0	24.0	23.2	22.3	21.6	20.8	20.2	19.5	18.9	18.4	17.9	17.4	16.9	16.5	16.0	15.6	2.0000	10	4916-177SS
35.4	34.0	32.8	31.6	30.5	29.5	28.5	27.6	26.8	26.0	25.3	24.6	23.9	23.3	22.7	22.1	2.8300	20	
43.3	41.6	40.1	38.6	37.3	36.1	34.9	33.8	32.8	31.8	30.9	30.0	29.2	28.5	27.7	27.0	3.4600	30	
50.0	48.1	46.3	44.7	43.1	41.7	40.3	39.1	37.9	36.8	35.7	34.7	33.8	32.9	32.1	31.3	4.0000	40	
26.0	25.0	24.1	23.2	22.4	21.7	21.0	20.3	19.7	19.1	18.6	18.1	17.6	17.1	16.7	16.3	2.0800	10	4916-182SS
36.9	35.5	34.2	32.9	31.8	30.7	29.8	28.8	27.9	27.1	26.4	25.6	24.9	24.3	23.6	23.1	2.9500	20	
45.1	43.4	41.8	40.3	38.9	37.6	36.4	35.3	34.2	33.2	32.2	31.4	30.5	29.7	28.9	28.2	3.6100	30	
52.1	50.1	48.3	46.6	45.0	43.5	42.1	40.7	39.5	38.3	37.2	36.2	35.2	34.3	33.4	32.6	4.1700	40	
27.6	26.6	25.6	24.7	23.8	23.0	22.3	21.6	20.9	20.3	19.7	19.2	18.7	18.2	17.7	17.3	2.2100	10	4916-187SS
39.0	37.5	36.1	34.8	33.6	32.5	31.5	30.5	29.6	28.7	27.9	27.1	26.4	25.7	25.0	24.4	3.1200	20	
47.8	45.9	44.2	42.7	41.2	39.8	38.5	37.3	36.2	35.1	34.1	33.2	32.3	31.4	30.6	29.9	3.8200	30	
55.1	53.0	51.1	49.2	47.5	46.0	44.5	43.1	41.8	40.6	39.4	38.3	37.3	36.3	35.4	34.5	4.4100	40	
30.6	29.5	28.4	27.4	26.4	25.5	24.7	23.9	23.2	22.5	21.9	21.3	20.7	20.2	19.6	19.1	2.4500	10	4916-196SS
43.3	41.6	40.1	38.6	37.3	36.1	34.9	33.8	32.8	31.8	30.9	30.0	29.2	28.5	27.7	27.0	3.4600	20	
53.0	51.0	49.1	47.3	45.7	44.2	42.8	41.4	40.2	39.0	37.9	36.8	35.8	34.9	34.0	33.1	4.2400	30	
61.3	58.9	56.7	54.7	52.8	51.1	49.4	47.9	46.4	45.1	43.8	42.6	41.4	40.3	39.3	38.3	4.9000	40	

4916 FLOW REGULATORS 38" TIP SPACING

ALL INFORMATION BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

mph	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0
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4916-205SS	10	2.650	103.6	92.1	82.8	75.3	69.0	63.7	59.2	55.2	51.8	48.7	46.0	43.6	41.4	39.5	37.7	36.0	34.5
	20	3.750	146.5	130.3	117.2	106.6	97.7	90.2	83.7	78.2	73.3	69.0	65.1	61.7	58.6	55.8	53.3	51.0	48.8
	30	4.590	179.4	159.4	143.5	130.5	119.6	110.4	102.5	95.7	89.7	84.4	79.7	75.5	71.7	68.3	65.2	62.4	59.8
	40	5.310	207.5	184.5	166.0	150.9	138.3	127.7	118.6	110.7	103.8	97.7	92.2	87.4	83.0	79.1	75.5	72.2	69.2

4916-218SS	10	2.980	116.5	103.5	93.2	84.7	77.6	71.7	66.5	62.1	58.2	54.8	51.8	49.0	46.6	44.4	42.3	40.5	38.8
	20	4.210	164.5	146.2	131.6	119.7	109.7	101.2	94.0	87.7	82.3	77.4	73.1	69.3	65.8	62.7	59.8	57.2	54.8
	30	5.160	201.6	179.2	161.3	146.7	134.4	124.1	115.2	107.5	100.8	94.9	89.6	84.9	80.7	76.8	73.3	70.1	67.2
	40	5.960	232.9	207.0	186.3	169.4	155.3	143.3	133.1	124.2	116.5	109.6	103.5	98.1	93.2	88.7	84.7	81.0	77.6

4916-234SS	10	3.470	135.6	120.5	108.5	98.6	90.4	83.4	77.5	72.3	67.8	63.8	60.3	57.1	54.2	51.7	49.3	47.2	45.2
	20	4.910	191.9	170.6	153.5	139.5	127.9	118.1	109.6	102.3	95.9	90.3	85.3	80.8	76.8	73.1	69.8	66.7	64.0
	30	6.010	234.9	208.8	187.9	170.8	156.6	144.5	134.2	125.3	117.4	110.5	104.4	98.9	93.9	89.5	85.4	81.7	78.3
	40	6.940	271.2	241.1	217.0	197.2	180.8	166.9	155.0	144.6	135.6	127.6	120.5	114.2	108.5	103.3	98.6	94.3	90.4

4916-250SS	10	4.000	156.3	138.9	125.1	113.7	104.2	96.2	89.3	83.4	78.2	73.6	69.5	65.8	62.5	59.5	56.8	54.4	52.1
	20	5.660	221.2	196.6	176.9	160.9	147.5	136.1	126.4	118.0	110.6	104.1	98.3	93.1	88.5	84.3	80.4	76.9	73.7
	30	6.930	270.8	240.7	216.7	197.0	180.5	166.7	154.8	144.4	135.4	127.4	120.4	114.0	108.3	103.2	98.5	94.2	90.3
	40	8.000	312.6	277.9	250.1	227.4	208.4	192.4	178.6	166.7	156.3	147.1	138.9	131.6	125.1	119.1	113.7	108.7	104.2

4916 FLOW REGULATORS 38" TIP SPACING

ALL INFORMATION BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

12.5	13.0	13.5	14.0	14.5	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0	mph		
33.1	31.9	30.7	29.6	28.6	27.6	26.7	25.9	25.1	24.4	23.7	23.0	22.4	21.8	21.2	20.7	2.6500	10	4916-205SS
46.9	45.1	43.4	41.9	40.4	39.1	37.8	36.6	35.5	34.5	33.5	32.6	31.7	30.9	30.1	29.3	3.7500	20	
57.4	55.2	53.1	51.2	49.5	47.8	46.3	44.8	43.5	42.2	41.0	39.9	38.8	37.8	36.8	35.9	4.5900	30	
66.4	63.8	61.5	59.3	57.2	55.3	53.6	51.9	50.3	48.8	47.4	46.1	44.9	43.7	42.6	41.5	5.3100	40	
37.3	35.8	34.5	33.3	32.1	31.1	30.1	29.1	28.2	27.4	26.6	25.9	25.2	24.5	23.9	23.3	2.9800	10	4916-218SS
52.6	50.6	48.7	47.0	45.4	43.9	42.5	41.1	39.9	38.7	37.6	36.6	35.6	34.6	33.7	32.9	4.2100	20	
64.5	62.0	59.7	57.6	55.6	53.8	52.0	50.4	48.9	47.4	46.1	44.8	43.6	42.5	41.4	40.3	5.1600	30	
74.5	71.7	69.0	66.5	64.3	62.1	60.1	58.2	56.5	54.8	53.2	51.8	50.4	49.0	47.8	46.6	5.9600	40	
43.4	41.7	40.2	38.7	37.4	36.2	35.0	33.9	32.9	31.9	31.0	30.1	29.3	28.5	27.8	27.1	3.4700	10	4916-234SS
61.4	59.0	56.9	54.8	52.9	51.2	49.5	48.0	46.5	45.1	43.9	42.6	41.5	40.4	39.4	38.4	4.9100	20	
75.2	72.3	69.6	67.1	64.8	62.6	60.6	58.7	56.9	55.3	53.7	52.2	50.8	49.4	48.2	47.0	6.0100	30	
86.8	83.4	80.4	77.5	74.8	72.3	70.0	67.8	65.7	63.8	62.0	60.3	58.6	57.1	55.6	54.2	6.9400	40	
50.0	48.1	46.3	44.7	43.1	41.7	40.3	39.1	37.9	36.8	35.7	34.7	33.8	32.9	32.1	31.3	4.0000	10	4916-250SS
70.8	68.1	65.5	63.2	61.0	59.0	57.1	55.3	53.6	52.0	50.6	49.2	47.8	46.6	45.4	44.2	5.6600	20	
86.7	83.3	80.2	77.4	74.7	72.2	69.9	67.7	65.7	63.7	61.9	60.2	58.6	57.0	55.6	54.2	6.9300	30	
100.0	96.2	92.6	89.3	86.2	83.4	80.7	78.2	75.8	73.6	71.5	69.5	67.6	65.8	64.1	62.5	8.0000	40	