

Air Flow Rates for Stainless Steel Housings in Nm<sup>3</sup>/hr at stated lin pressure and 0.1 Bar Pressure Drop.

Filter housings using 12-32-xx, SS-12-32-xx or PT-12-32-xx size filter elements

Filter Element Grades			Air Pressure (Bar)										
Disposable	SS	PT	0.1	1	2	4	7	10	16	100	200	400	700
40, 40K, 40S	1	-	0.7	1.3	2	3.3	5.3	7.3	11	67	135	225	450
50, 50K, 50S, 50C	3	3	1.4	2.6	3.9	6.4	10	14	22	130	260	440	880
60, 60K, 60S, 60C	10	10	3.9	7	11	18	28	39	60	350	700	1200	2400
70, 70K, 70S, 70C	25	25	5.3	9.5	14	24	38	52	81	480	960	1620	3240
80, 80K, 80S, 80C	100	-	5.9	11	16	27	43	60	92	550	1090	1850	3700

Filter housings using 12-57-xx, SS-12-57-xx or PT-12-57-xx size filter elements

Filter Element Grades			Air Pressure (Bar)										
Disposable	SS	PT	0.1	1	2	4	7	10	16	100	200	400	700
40, 40K, 40S	1	-	1.2	2.3	3.4	5.6	9	12	19	115	225	385	770
50, 50K, 50S, 50C	3	3	2.5	4.5	6.7	11	18	25	38	225	450	795	1590
60, 60K, 60S, 60C	10	10	5.1	9.3	14	23	37	51	79	470	940	1590	3180
70, 70K, 70S, 70C	25	25	6.1	11	17	28	45	61	95	560	1120	1900	3800
80, 80K, 80S, 80C	100	-	6.8	13	19	31	50	69	106	630	1260	2130	4250

Filter housings using 25-64-xx, SS-25-64-xx or PT-25-64-xx size filter elements

Filter Element Grades			Air Pressure (Bar)										
Disposable	SS	PT	0.1	1	2	4	7	10	16	100	200	400	700
40, 40K, 40S	1	-	2.6	4.7	7	12	19	26	40	240	470	645	820
50, 50K, 50S, 50C	3	3	4.8	9	13	22	35	48	75	440	880	1210	1540
60, 60K, 60S, 60C	10	10	8.5	16	23	39	62	85	130	780	1560	2150	2730
70, 70K, 70S, 70C	25	25	10	18	27	44	74	97	150	890	1780	2450	2730
80, 80K, 80S, 80C	100	-	11	19	29	48	77	105	165	970	1970	2690	3400

Filter housings using 25-178-xx, SS-25-178-xx or PT-25-178-xx size filter elements

Filter Element Grades			Air Pressure (Bar)										
Disposable	SS	PT	0.1	1	2	4	7	10	16	100	200	400	700
40, 40K, 40S	1	-	6	11	16	26	42	58	90	530	1060	1460	1850
50, 50K, 50S, 50C	3	3	9	17	25	42	67	92	140	840	1680	2320	2950
60, 60K, 60S, 60C	10	10	11	20	30	49	79	110	170	990	1980	2720	3460
70, 70K, 70S, 70C	25	25	12	21	32	53	84	115	180	1680	2120	2920	3710
80, 80K, 80S, 80C	100	-	13	23	35	58	93	130	200	1180	2360	3250	4130

**Notes:**

- (1) The above flow rates are for air at 20°C. Flow rates for other gases can be derived from relative viscosity data.
- (2) Flow rates are generally proportional to pressure drop. If an initial drop of 0.2 Bar can be tolerated flow rates can be doubled.

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