

AIR FLOW RATE CHART IN SCFM

The following flow rates are for air at 68°F with 2 PSID. Flow rates will depend on which element grade is utilized. First check the individual data page for the element that a specific housing will accept, then determine the degree of filtration required. Finally, use the charts below to read the flow rate at the desired pressure against the element grade. Replace the "xx" in the element code with the required grade.

Examples: 12-32-50, 12-32-50C, PT-12-32-03.

For Natural Gas: Multiply Air Flow Rate By 1.29

Filter Housing Using:

12-32-xx, C, K, L, S, CS, W

SS-12-32-xx, PEL-12-32-xx or PT-12-32-xx size filter elements

Filter Element Grades				Air Pressure (psig)											
Disposable	SS	PEL	PT	2	15	30	60	100	150	250	500	1,500	3,000	5,000	10,000
30				0.5	1	1	2	3	3	4	8	23	47	79	117
40	01	--	--	1	1	2	2	4	5	7	14	39	79	131	206
50	03	--	03	1	2	3	4	6	9	13	25	76	151	256	447
60	10	10	10	2	5	7	11	17	23	35	68	203	406	696	1206
70	25	25	25	3	6	9	14	23	31	47	91	279	557	940	1880
--	50	75	--	4	7	10	16	25	35	53	103	294	587	990	1979
80	100	--	--	5	8	11	17	26	36	54	105	319	632	1073	1854
--	200	250	--	6	9	12	18	29	39	60	116	336	666	1130	2060

Filter Housing Using:

12-57-xx, C, K, L, S, CS, W

SS-12-57-xx, PEL-12-57-xx or PT-12-57-xx size filter elements

Filter Element Grades				Air Pressure (psig)											
Disposable	SS	PEL	PT	2	15	30	60	100	150	250	500	1,500	3,000	5,000	10,000
30				0.5	2	2	3	4	6	7	13	40	79	135	229
40	01	--	--	1	2	2	4	6	8	12	23	68	133	227	382
50	03	--	03	2	3	4	7	11	15	23	44	133	265	468	765
60	10	10	10	3	6	9	14	22	30	47	91	277	553	935	1406
70	25	25	25	4	7	10	17	27	36	56	108	330	659	1118	1912
--	50	75	--	4	8	12	19	30	40	63	123	348	694	1177	2012
80	100	--	--	5	9	12	19	30	41	64	124	371	741	1253	2148
--	200	250	--	6	10	14	22	34	46	70	155	391	780	1319	2387

Filter Housing Using:

25-64-xx, C, K, L, S, CS, W

SS-25-64-xx, PEL-25-64-xx or PT-25-64-xx size filter elements

Filter Element Grades				Air Pressure (psig)											
Disposable	SS	PEL	PT	2	15	30	60	100	150	250	500	1,500	3,000	5,000	10,000
30				2	2	3	5	8	11	14	27	85	164	247	440
40	01	--	--	2	3	5	8	12	16	24	46	142	277	482	733
50	03	--	03	3	6	8	13	21	29	45	87	282	518	906	1466
60	10	10	10	5	10	14	23	37	50	77	149	459	918	1606	2766
70	25	25	25	6	11	16	26	44	58	89	173	524	1047	1830	3148
--	50	75	--	7	12	18	29	46	62	98	190	552	1103	1926	3443
80	100	--	--	8	13	19	30	48	65	99	192	571	1159	2093	3605
--	200	250	--	9	14	20	33	52	69	109	211	602	1220	2320	3904



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Filter Housing Using:

25-127-xx, C, K, L, S, CS, W

SS-25-127-xx, PEL-25-127-xx or PT-25-127-xx size filter elements

Filter Element Grades				Air Pressure (psig)											
Disposable	SS	PEL	PT	2	15	30	60	100	150	250	500	1,500	3,000	5,000	10,000
30				2	3	5	7	11	15	23	44	45	131	263	461
40	01	--	--	3	5	7	11	18	24	38	73	215	437	601	761
50	03	--	03	4	7	11	18	28	46	58	82	341	692	955	1214
60	10	10	10	5	9	13	21	33	48	70	116	402	815	1120	1424
70	25	25	25	6	9	14	23	35	48	75	148	439	873	1202	1527
--	50	75	--	7	10	15	24	39	54	82	163	462	919	1265	1608
80	100	--	--	8	11	16	26	42	56	84	168	479	957	1338	1700
--	200	250	--	9	12	17	27	44	60	92	182	505	1007	1409	1790

Filter Housing Using:

25-178-xx, C, K, L, S, CS, W

SS-25-178-xx, PEL-25-178-xx or PT-25-178-xx size filter elements

Filter Element Grades				Air Pressure (psig)											
Disposable	SS	PEL	PT	2	15	30	60	100	150	250	500	1,500	3,000	5,000	10,000
30				3	5	7	11	15	21	31	60	65	188	376	659
40	01	--	--	4	7	10	16	25	35	53	105	308	624	859	1088
50	03	--	03	6	10	15	25	40	55	83	163	488	988	1365	1735
60	10	10	10	7	12	18	29	47	65	100	198	575	1165	1600	2035
70	25	25	25	8	13	19	32	50	68	106	209	627	1247	1717	2182
--	50	75	--	8	14	21	35	55	76	118	225	660	1313	1808	2297
80	100	--	--	9	15	22	36	56	77	119	232	685	1367	1912	2429
--	200	250	--	10	16	24	39	62	86	132	258	722	1439	2013	2557

Filter Housing Using:

38-152-xx, C, K, L, S, CS, W

SS-38-152-xx, PEL-38-152-xx or PT-38-152-xx size filter elements

Filter Element Grades				Air Pressure (psig)											
Disposable	SS	PEL	PT	2	15	30	60	100	150	250	500	1,500	3,000	5,000	10,000
30				5	9	15	24	37	52	79	160	470	937	1558	3111
40	01	--	--	9	16	24	38	61	85	131	261	768	1528	2542	5078
50	03	--	03	13	25	36	61	97	134	203	406	1194	2376	3952	7892
60	10	10	10	16	29	44	71	115	160	247	464	1365	2717	4520	9028
70	25	25	25	18	31	47	77	122	167	261	522	1536	3057	5085	10155
--	50	75	--	19	34	51	85	134	186	285	580	1706	3397	5650	11852
80	100	--	--	20	35	53	87	136	189	290	585	1721	3426	5699	11882
--	200	250	--	22	38	57	95	149	210	323	645	1898	3777	6284	12549



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Filter Housing Using:

51-230-xx, C, K, L, S, CS, W

SS-51-230-xx, PEL-51-230-xx or PT-51-230-xx size filter elements

Filter Element Grades															
Disposable	SS	PEL	PT	2	15	30	60	100	150	250	500	1,500	3,000	5,000	
30				6	12	18	29	47	65	99	198	589	1056	1586	
40	01	--	--	11	20	29	49	79	108	163	325	975	1752	3063	
50	03	--	03	21	38	56	93	151	209	319	650	1897	3411	5974	
60	10	10	10	38	70	105	174	279	383	580	1160	3480	6264	10962	
70	25	25	25	44	79	116	198	314	430	667	1334	3944	7100	12412	
--	50	75	--	47	86	127	210	343	470	725	1450	4152	7474	13066	
80	100	--	--	49	90	128	215	347	477	743	1483	4292	7726	13514	
--	200	250	--	53	97	143	239	382	523	806	1612	4518	8133	14226	

Filter Housing Using:

51-476-xx, C, K, L, S, CS, W

SS-51-476-xx, PEL-51-476-xx or PT-51-476-xx size filter elements

Filter Element Grades															
Disposable	SS	PEL	PT	2	15	30	60	100	150	250	500	1,500	3,000	5,000	
30				13	24	35	58	70	125	195	389	1160	2088	3654	
40	01	--	--	21	39	57	96	151	209	325	650	1914	3446	6032	
50	03	--	03	35	64	125	160	256	354	546	1091	3248	5847	10208	
60	10	10	10	47	82	134	206	331	453	696	1392	4176	7517	13155	
70	25	25	25	50	87	143	221	354	488	754	1508	4466	8004	14007	
--	50	75	--	52	94	149	243	377	522	812	1624	4702	8426	14745	
80	100	--	--	53	97	154	246	394	543	838	1676	4814	9581	15225	
--	200	250	--	59	107	159	265	419	580	903	1805	5068	10086	16027	

Filter Housing Using:

63-762-xx, C, K, L, S, CS, W

SS-63-762-xx, PEL-63-762-xx or PT-63-762-xx size filter elements

Filter Element Grades															
Disposable	SS	PEL	PT	2	15	30	60	100	150	250	500	1,500	3,000	5,000	
30				25	47	93	116	140	250	389	778	2289	4556	7580	
40	01	--	--	42	77	116	192	244	430	650	1300	3828	7164	12665	
50	03	--	03	70	128	250	319	511	708	1091	2181	4340	8639	14371	
60	10	10	10	93	163	267	412	662	905	1392	2784	8192	16304	27121	
70	25	25	25	99	174	285	441	708	975	1508	3016	8875	17666	29382	
--	50	75	--	105	192	297	470	754	1044	1624	3248	9745	19395	32262	
80	100	--	--	110	198	308	485	776	1101	1679	3298	9864	19632	32656	
--	200	250	--	117	214	317	523	838	1160	1805	3609	10620	21138	35162	



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