



For Inlet Vacuum Pump, Injectors, Pads, Filters & Regulators, go to Grainger.com®



**Inlet Vacuum Filters and Separators for Blowers and Vacuum Pumps**

Note: For additional standard- and extreme-duty filters, see Grainger.com®.

**"L" Style Filters**—Install on the inlet of any type of vacuum pump/blower. Filters have O-ring seals and polyester replacement elements. Filters are rated for vacuum service.

**"T" Style Filters**—Cast-aluminum top resists corrosion and has an integrated baffle for longer filter element life.

**Filter Silencers and Replacement Cartridges**

**Filter Silencer, Carbon Steel Housing**  
—Silencing tubes decrease noise levels.

**Filter with Hood, Carbon Steel Housing**—For use where noise reduction is not necessary.

Note: For additional filter silencers, see Grainger.com®.

	POLYESTER	PAPER
99% Efficient at 5 Microns	•	•
99% Efficient at 2 Microns	•	•
Handles Hot Air and Oil from Unload Cycle	•	•
For Outdoor High-Moisture Applications	•	•
Washable and Durable	•	•
Disposable and Convenient	•	•

Outlet (in.)	Max. Flow (cfm)	H (in.)	Dia. (in.)	Mfr. Model	Item No.
<b>Filter Silencer, Carbon Steel Housing</b>					
1/4 in (M)NPT	4 cfm	2 3/4 in	2 1/2 in	FS-04-025	5Z766
3/8 in (M)NPT	6 cfm	2 3/4 in	2 1/2 in	FS-04-038	5Z767
1/2 in (M)NPT	10 cfm	3 3/4 in	3 1/4 in	FS-06-050	5Z665
3/4 in (M)NPT	12 cfm	4 1/2 in	4 1/2 in	FS-10-050	4FY36
1 in (M)NPT	25 cfm	4 in	6 in	FS-15-075	4Z679
1 in (M)NPT	35 cfm	4 in	6 in	FS-15-100	4Z680
1 1/4 in (M)NPT	55 cfm	6 3/4 in	6 in	FS-19P-100	5JP29
1 1/2 in (M)NPT	70 cfm	6 3/4 in	6 1/2 in	FS-19P-125	4Z681
1 1/2 in (M)NPT	85 cfm	6 3/4 in	6 in	FS-19P-150	4Z682
2 (M)NPT	135 cfm	7 1/2 in	10 in	FS-31P-200	4FY33
2 (M)NPT	135 cfm	12 1/4 in	10 in	FS-231P-200	3RAU8
2 1/2 (M)NPT	195 cfm	7 1/2 in	10 in	FS-31P-250	4FY34
2 1/2 (M)NPT	195 cfm	12 1/2 in	10 in	FS-231P-250	3RAU9
3 (M)NPT	300 cfm	12 1/2 in	10 in	FS-231P-300	4FY35
4 (M)NPT	520 cfm	14 in	16 in	FS-275P-400	3RAV2
4 (M)NPT	520 cfm	14 in	16 in	FS-235P-400	1TBZ7
5 Flange	800 cfm	14 in	16 in	FS-275P-500F	3TKX5
6 Flange	1,100 cfm	15 in	16 in	FS-275P-600F	3TKX6
8 Flange	1,800 cfm	23 in	22 1/2 in	FS-377P-800F	3TKX8
<b>Filter with Hood, Carbon Steel Housing</b>					
1/2 in (M)NPT	10 cfm	4 in	6 in	F-15-050	3TK26
3/4 in (M)NPT	25 cfm	4 in	6 in	F-15-075	3TK27
1 in (M)NPT	35 cfm	4 in	6 in	F-15-100	3TK28
1 in (M)NPT	55 cfm	6 3/4 in	6 in	F-19P-100	3TK29
1 1/4 in (M)NPT	70 cfm	6 3/4 in	6 in	F-19P-125	3TLA1
1 1/2 in (M)NPT	85 cfm	6 3/4 in	6 in	F-19P-150	3TLA2
2 (M)NPT	135 cfm	7 1/2 in	7 3/4 in	F-31P-200	3TLA3
2 (M)NPT	135 cfm	12 1/4 in	12 1/4 in	F-231P-200	3TLA4
2 1/2 (M)NPT	195 cfm	7 1/2 in	7 1/2 in	F-31P-250	3TLA5
2 1/2 (M)NPT	195 cfm	12 1/2 in	12 1/2 in	F-231P-250	3TLA6
3 (M)NPT	300 cfm	13 in	10 in	F-235P-300	3TLA7
3 (M)NPT	300 cfm	13 in	16 in	F-275P-300	3TLA8
4 (M)NPT	520 cfm	14 in	10 in	F-235P-400	3TLA9
5 (M)NPT	800 cfm	14 in	16 in	F-275P-500	3TLC2
6 (M)NPT	1,100 cfm	15 in	16 in	F-275P-600	3TLC3
6 Flange	1,100 cfm	15 in	16 in	F-275P-600F	3TLC6
8 Flange	1,800 cfm	22 in	22 1/2 in	F-377P-800F	3TLC7
8 Flange	1,800 cfm	23 in	22 1/2 in	F-377P-800F	3TLC8

Inlet (in.)	Max. Flow (cfm)	H (in.)	Dia. (in.)	Mfr. Model	Item No.
<b>"L" Style Filters, Carbon Steel</b>					
3/8 (F)NPT	18 cfm	3 3/8 in	3 3/4 in	CSL-825-038HC	6JC97
1/2 (F)NPT	18 cfm	3 3/8 in	3 3/4 in	CSL-825-050HC	6JC98
3/4 (F)NPT	25 cfm	4 3/8 in	5 1/2 in	CSL-843-075HC	6JC99
1 (F)NPT	40 cfm	6 1/2 in	7 3/4 in	CSL-849-100HC	6JD01
1 1/4 (F)NPT	55 cfm	4 3/8 in	5 1/2 in	CSL-843-125HC	4FY76
1 1/4 (F)NPT	60 cfm	6 1/2 in	7 3/4 in	CSL-849-125HC	6JD02
1 1/2 (F)NPT	80 cfm	6 1/2 in	7 3/4 in	CSL-849-150HC	6JD03
2 (F)NPT	175 cfm	10 1/4 in	8 3/4 in	CSL-851-200HC	6JD04
2 1/2 (F)NPT	210 cfm	10 1/2 in	8 3/4 in	CSL-851-250HC	4FY77
3 (F)NPT	300 cfm	15 3/4 in	13 1/4 in	CSL-239-300C	5JRD8
3 (M)NPT	300 cfm	27 1/2 in	14 in	CSL-235P-300	3TLE6
4 Flange	520 cfm	27 1/2 in	14 in	CSL-235P-400F	3TLF5
4 (M)NPT	520 cfm	27 1/2 in	14 in	CSL-235P-400	3TLE8
5 Flange	800 cfm	28 1/2 in	18 1/2 in	CSL-245P-500F	3TLF7
5 (M)NPT	800 cfm	28 1/2 in	18 1/2 in	CSL-245P-500	3TLF1
6 Flange	1,100 cfm	29 1/2 in	18 1/2 in	CSL-275P-600F	3TLF9
6 (M)NPT	1,100 cfm	29 1/2 in	18 1/2 in	CSL-275P-600	3TLF3
8 Flange	1,800 cfm	38 in	22 1/2 in	CSL-377P-800F	3TLG2
10 Flange	2,900 cfm	57 1/2 in	26 1/2 in	CSL-685P-1000F	5JRD7
<b>"T" Style Filters, Aluminum Head, Polycarbonate Bucket</b>					
1 (F)NPT	40 cfm	13 3/8 in	7 in	ST-897-100C	46F384
1 1/4 (F)NPT	60 cfm	13 3/8 in	7 in	ST-897-125C	46F385
1 1/2 (F)NPT	80 cfm	13 3/8 in	7 in	ST-897-150C	46F386
2 (F)NPT	175 cfm	16 1/4 in	9 in	ST-851/1-200C	3TLG3
2 1/2 (F)NPT	210 cfm	16 1/4 in	9 in	ST-851/1-250C	3TLG4
3 (F)NPT	300 cfm	19 3/4 in	13 1/2 in	ST-235P-300C	3TLG5
4 (F)NPT	520 cfm	19 3/4 in	13 1/2 in	ST-235P-400C	3TLG6



5JP25

**Liquid Separators for Blowers and Vacuum Pumps**

- See-through drop bucket
- Manual drain top
- Cast-aluminum head

Separate liquid, debris, and sludge from the air stream to protect pump from damage; integrated float ball cuts off airflow when the liquid level reaches max. capacity. Use with regenerative blowers in food packaging, soil remediation, and metal/chip processing applications, as well as with vacuum pumps and systems.

Pipe Size	Max. Flow	Overall Height	Overall Width	Mfr. Model	Item No.
1 1/4" NPT	60 cfm	13 3/4"	7 in	STS-125C	38XT78
1 1/2" NPT	80 cfm	13 3/4"	7 in	STS-150C	38XT76
1" NPT	40 cfm	13 3/4"	7 in	STS-100C	38XT77
2" NPT	175 cfm	16.75"	9 in	STS-200C	5JP25
2 1/2" NPT	210 cfm	16.75"	9 in	STS-250C	5JP26
3" NPT	300 cfm	19.75"	13 1/2 in	STS-300C	5JP27
4" NPT	500 cfm	19.75"	13 1/2 in	STS-400C	5JP28



5Z665



1R416

**Replacement Cartridges**

	H (in.)	Inside Dia. (in.)	Outside Dia. (in.)	Mfr. Model	Item No.
<b>Paper</b>					
1WF74	1 3/8 in	—	4 in	10	4FY38
4FY28, 4FY29	1 in	—	1 1/2 in	02	4FY37
FS-04-025, FS-04-038, PS-04-025, PS-04-038, PS-04-050, SS3 Bare, SS3L3	1 in	—	2 1/4 in	04	5Z768
FS-06-050	1 3/8 in	—	3 in	06	5Z666
CSL-825-038HC, CSL-825-050HC	2 1/8 in	1 1/2 in	2 in	824	3TL14
VFD2, VFD2S, VFD3, VFD3S	2 3/4 in	2 3/8 in	3 3/8 in	842	3TL15
5Z660, 5Z661, FS-15-075, FS-15-100, VFD2S, VFD3S	2 3/8 in	3 in	4 3/4 in	14	5A717
VFD4, VFD42, VFD42S	4 3/4 in	2 3/8 in	5 in	848	3TL16
5Z662, 5Z663, FS-19P-125, FS-19P-150, VFC063P-1T, VFC084P-5T, VFC200A-7W, VFC200P-5T, VFC300A-7W, VFC300P-5T, VFD2, VFD2S, VFD3, VFD3S	4 3/4 in	3 in	4 3/4 in	18P	5A718
2EPP2, 2EPP3, 2EPP4, 2EPP5	4 3/4 in	3 3/8 in	5 3/4 in	30P	3TLK2
VFC600A-7W, VFC700A-7W, VFD5, VFD5D, VFD9	8 3/8 in	3 1/2 in	5 7/8 in	850	3TL17
2EPP1, 2EPP2, 2EPP3, 2EPP4	8 3/8 in	3 1/2 in	5 7/8 in	850/1	3TL18
2EPP2, 2EPP3, 2EPP4, 2EPP5, 2EPP6, 2EPR1, 2EPR2	9 1/2 in	3 3/8 in	5 3/4 in	230P	3TLK3
2EPP8, 2EPR3, 2EPR4	9 3/8 in	4 3/4 in	7 7/8 in	234P	3TLK4
2EPT4, 2EPT5	9 3/8 in	6 in	9 3/4 in	244P	3TLK6
2EPR7, 2EPR9, 2EPT1	9 3/8 in	8 in	11 3/4 in	274P	3TLK8
2EPR3, 2EPR4, 2EPR8, 2EPT9, 5F243, 6JD32	10 in	4 3/8 in	9 1/4 in	238	5JPW1
2EPR7, 2EPR9	14 1/2 in	4 3/4 in	7 7/8 in	334P	3TLK5
2EPT4 to 5	14 1/2 in	6 in	9 3/4 in	344P	3TLK7
2EPU1 to 2	14 1/2 in	8 in	11 3/4 in	374P	3TLK9
2EPU3, 2EPU4, VFT65-2	14 1/2 in	9 in	14 3/8 in	376P	3TL11
1XD2 to 3	14 1/2 in	14 in	19 3/8 in	384P	3TL12
1XD4	21 1/2 in	14 in	19 3/8 in	484P	3TL13
<b>Polyester</b>					
CSL-825-038HC, CSL-825-050HC	2 1/2 in	1 1/2 in	2 1/2 in	825	6JC93
CSL-843-075HC, IVF-01, VFD2, VFD2S, VFD3, VFD3S	2 3/4 in	2 3/8 in	3 3/8 in	843	6JC94
VFD2S, VFD3S	2 3/8 in	3 in	4 3/8 in	15	1R416
CSL-849-100HC, CSL-849-125HC, CSL-849-150HC, IVF-23, IVF-45, VFD4, VFD42, VFD42S	4 3/4 in	2 3/8 in	5 in	849	6JC95
VFC063P-1T, VFC084P-5T, VFC200A-7W, VFC200P-5T, VFC300A-7W, VFC300P-5T, VFD2, VFD2S, VFD3, VFD3S	4 3/4 in	3 3/8 in	5 3/4 in	31P	4FY39
5Z188, 5Z651, 6JD27, 6JD28	4 3/4 in	3 in	4 3/4 in	19P	1R417
VFC600A-7W, VFC700A-7W, VFD5, VFD5D, VFD9	8 3/4 in	3 1/2 in	5 7/8 in	851	6JC96
5F243, 5Z189, 6JD30, 6JD31, 6JD32	9 1/2 in	3 3/8 in	5 3/4 in	231P	4FY40
235P, CT-235P-300C, CT-235P-400C, FS-235P-400, VFC800A-7W, VFC904A-7W, VFD6D, VFD8, VFD9	9 3/8 in	4 3/4 in	7 7/8 in	235P	4FY79
2EPT4, 2EPT5, VFT60-2	9 3/8 in	6 in	9 3/4 in	245P	3TLJ3
2EPT6, 2EPT7, 2EPU1, VFT60-2	9 3/8 in	8 in	11 3/4 in	275P	3TLJ4
2EPR3, 2EPR4, 2EPT8, 2EPT9, 5F243, 6JD32	10 in	4 3/8 in	9 1/4 in	239	5JPW0
2EPR3, 2EPR4, 2EPR7, 2EPR8, RD6	14 1/2 in	4 3/4 in	7 7/8 in	335P	3TLJ2
1XDW9, 2EPU1 to 2	14 1/2 in	8 in	11 3/4 in	375P	3TLJ5
2EPU3, 2EPU4, VFT65-2	14 1/2 in	9 in	14 3/8 in	377P	3TLJ6
1XD2 to 3	14 1/2 in	14 in	19 3/8 in	385P	3TLJ7
1XD4	21 1/2 in	14 in	19 3/8 in	485P	3TLJ8
2EPU3 to 4	28 1/2 in	14 in	19 3/8 in	685P	3TLJ9