

# Compact Filter Silencers FS Series 1/2"-6" Threaded

## DN80-DN150 FLG

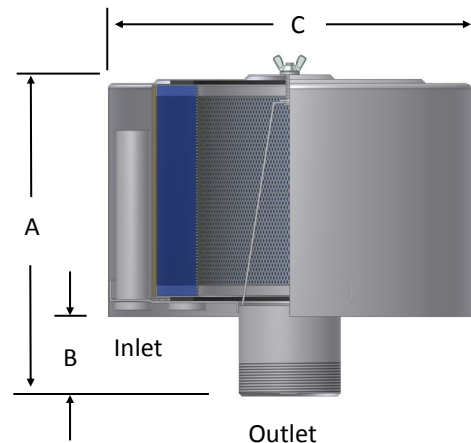


### Features

- Fully drawn weatherhood
- Tubular silencing design - tubes are positioned to maximize attenuation and air flow while minimizing pressure drop
- Corrosion resistant carbon steel construction
- Powder coat finish

### Technical Specifications

- Temp (continuous): min -26°C (-15°F) max 104°C (220°F)
- Filter change out differential: 37-50 mbar over initial  $\Delta P$
- Pressure drop graphs available upon request
- Polyester: 99%+ removal efficiency standard to 5 micron
- Paper: 99%+ removal efficiency standard to 2 micron



### Options



- Tap holes available
- Pressure drop indicator (See page 3-12)
- Various media for different environments
- Stainless steel construction
- Various nonstandard finishes and connection styles
- Side Access Silencer Filters (LQB Series) for space restricted enclosures (select models)

*Tidbit:* Charlie Solberg Sr. "Senior" designed our first filter silencer in 1966. The FS-15 size filter was created for small air compressors.

#### Threaded Outlet Assemblies

Outlet Size	Outlet Type	Assembly m <sup>3</sup> /h Rating	Assembly Part Number		Dimensions - mm			No. of Silencing Tubes	Approx. Weight kg	Replacement Element Part No.		Element m <sup>3</sup> /h Rating
			Polyester	Paper	A	B	C			Polyester	Paper	
1/2"	MPT	17	FS-15-050	FS-14-050	87	24	155	1	0.8	15	14	60
3/4"	MPT	43	FS-15-075	FS-14-075	96	32	155	2	0.9	15	14	60
1"	MPT	60	FS-15-100	FS-14-100	96	33	155	3	0.9	15	14	60
1"	MPT	60	FS-15-100B	FS-14-100B	0	0	0	3	0.9	15	14	60
1"	MPT	94	FS-19P-100	FS-18P-100	162	33	156	3	1.4	19P	18P	170
1 1/4"	BSPT	119	FS-19P-126	FS-18P-126	171	41	156	5	1.5	19P	18P	170
1 1/2"	BSPT	145	FS-19P-151	FS-18P-151	171	41	156	5	1.6	19P	18P	170
1 1/2"	BSPT	145	FS-19P-151B	FS-18P-151B	171	41	156	5	1.6	19P	18P	170
2"	BSPT	230	FS-31P-201	FS-30P-201	190	60	262	5	3.5	31P	30P	332
2"	BSPT	230	FS-231P-201	FS-230P-201	304	60	260	5	6.3	231P	230P	510
2 1/2"	BSPT	332	FS-31P-251	FS-30P-251	196	67	262	5	3.7	31P	31P	332
2 1/2"	BSPT	332	FS-231P-251	FS-230P-251	314	67	260	9	6.5	231P	230P	510
3"	BSPT	510	FS-231P-301	FS-230P-301	323	80	260	9	6.8	231P	230P	510
3"	BSPT	510	FS(12)-235P-301	FS(12)-234P-301	326	69	311	3	13	235P	234P	970
3"	BSPT	510	FS-275P-301	FS-274P-301	330	80	406	9	15	275P	274P	1870
4"	BSPT	885	FS(12)-235P-401	FS(12)-234P-401	352	95	311	6	14	235P	234P	970
4"	BSPT	885	FS-275P-401	FS-274P-401	353	102	406	9	15	275P	274P	1870
5"	BSPT	1360	FS-245P-501	FS-244P-501	356	105	406	14	15	245P	244P	1500
5"	BSPT	1360	FS-275P-501	FS-274P-501	356	105	406	14	16	275P	274P	1870
6"	BSPT	1870	FS-275P-601	FS-274P-601	394	130	406	18	17	275P	274P	1870

See Filter Silencer Technical Data section for sizing guidelines.  
 Note: MPT threaded housings are interchangeable with BSPT up to 1".

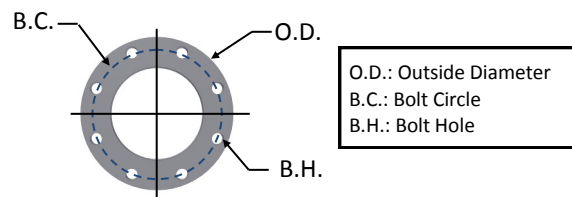
Filter Silencers

#### Flange Outlet Assemblies

Flange Outlet	Assembly m <sup>3</sup> /h Rating	Assembly Part Number		Dimensions - mm			No. of Silencing Tubes	Approx. Weight kg	Replacement Element Part No.		Element m <sup>3</sup> /h Rating
		Polyester	Paper	A	B	C			Polyester	Paper	
DN80	510	FS(12)-235P-DN80	FS(12)-234P-DN80	326	69	311	3	13	235P	234P	970
DN80	510	FS-275P-DN80	FS-274P-DN80	330	76	406	9	15	275P	274P	1870
DN100	885	FS(12)-235P-DN100	FS(12)-234P-DN100	352	95	311	6	14	235P	234P	970
DN100	885	FS-275P-DN100	FS-274P-DN100	354	102	406	9	18	275P	274P	1870
DN125	1360	FS-245P-DN125	FS-244P-DN125	356	105	406	14	17	245P	244P	1500
DN125	1360	FS-275P-DN125	FS-274P-DN125	356	105	406	14	18	275P	274P	1870
DN150	1870	FS-275P-DN150	FS-274P-DN150	381	130	406	18	19	275P	274P	1870

See Filter Silencer Technical Data section for sizing guidelines.

PN10 Pattern Flange	Dimensions - mm			No. of Holes	Flange Thickness
	O.D.	B.C.	B.H.		
DN80	200	160	18	8	20
DN100	220	180	18	8	20
DN125	250	210	18	8	22
DN150	285	240	22	8	22



Note: Model offerings & design parameters may change without notice. Contact Solberg for CAD drawings or see [www.solbergmfg.com](http://www.solbergmfg.com).