

# Compact Inlet Filters

## F Series 1/2" - DN150 BSPT, Flange



### Features

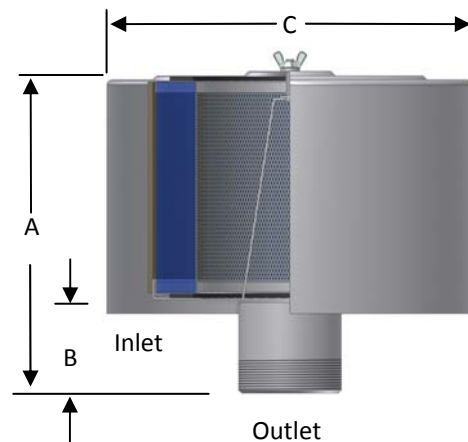
- Fully drawn weatherhood - no welds to rust or vibrate apart
- Low entry velocity air gap between base and cover
- Heavy gauge base with low pressure drop outlet pipe and center bracket design
- Durable carbon steel construction with baked enamel finish & powder coated weatherhood

### 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

- 1/8" tap holes (only available for 3" & larger connections)
- Pressure drop indicator (See page 3-12)
- Various media for different environments
- Stainless steel construction
- Epoxy coated finish
- Special connections



### Outlet Connections

Outlet Size	Outlet Type	Assembly m <sup>3</sup> /h Rating	Assembly Part Number		Dimensions - mm			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	F-15-050	F-14-050	102	38	152	0.68	15	14	60
3/4"	MPT	43	F-15-075	F-14-075	102	38	152	0.77	15	14	60
1"	MPT	60	F-15-100	F-14-100	102	38	152	0.86	15	14	60
1"	MPT	94	F-19P-100	F-18P-100	168	41	152	1.4	19P	18P	170
1 1/4"	BSPT	119	F-19P-126	F-18P-126	168	41	152	1.4	19P	18P	170
1 1/2"	BSPT	145	F-19P-151	F-18P-151	168	41	152	1.4	19P	18P	170
2"	BSPT	230	F-31P-201	F-30P-201	184	57	197	2	31P	30P	332
2"	BSPT	230	F-231P-201	F-230P-201	311	57	254	5	231P	230P	510
2 1/2"	BSPT	332	F-31-251	F-30-251	191	64	197	2	31	30	332
2 1/2"	BSPT	332	F-231P-251	F-230P-251	318	64	254	6	231P	230P	510
3"	BSPT	510	F-231P-301	F-230P-301	330	76	254	6	231P	230P	510
3"	BSPT	510	F-235P-301	F-234P-301	330	76	254	7	235P	234P	970
3"	BSPT	510	F-275P-301	F-274P-301	330	76	406	11	275P	274P	1870
4"	BSPT	885	F-235P-401	F-234P-401	356	102	254	7	235P	234P	970
4"	BSPT	885	F-275P-401	F-274P-401	356	102	406	12	275P	274P	1870
5"	BSPT	1360	F-245P-501	F-244P-501	356	102	406	10	245P	244P	1500
5"	BSPT	1360	F-275P-501	F-274P-501	356	102	406	12	275P	274P	1870
6"	BSPT	1870	F-275P-601	F-274P-601	381	127	406	13	275P	274P	1870

See Filter Assembly Technical Data section for sizing guidelines.

Dimension tolerance ± 6 mm

Note: MPT threaded housings are interchangeable with BSPT up to 1".

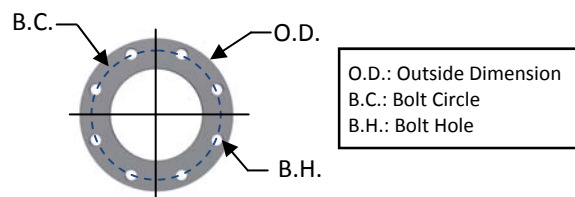
### PN10 Pattern Flange Outlet Connections

Flange Outlet	Assembly m <sup>3</sup> /h Rating	Assembly Part Number		Dimensions - mm			Approx. Weight kg	Replacement Element Part No.		Element m <sup>3</sup> /h Rating
		Polyester	Paper	A	B	C		Polyester	Paper	
DN80	510	F-275P-DN80	F-274P-DN80	330	76	406	10	275P	274P	1870
DN100	885	F-235P-DN100	F-234P-DN100	356	102	254	9	235P	234P	970
DN100	885	F-275P-DN100	F-274P-DN100	356	102	406	14	275P	274P	1870
DN125	1360	F-245P-DN125	F-244P-DN125	356	102	406	12	245P	244P	1500
DN125	1360	F-275P-DN125	F-274P-DN125	356	102	406	14	275P	274P	1870
DN150	1870	F-275P-DN150	F-274P-DN150	381	127	406	15	275P	274P	1870

See Filter Assembly Technical Data section for sizing guidelines.

Dimension tolerance ± 6 mm

PN10 Pattern Flange	Dimensions - mm			No. of Holes	Thickness Flg mm
	O.D.	B.C.	B.H.		
DN 80	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 and design parameters may change without notice. See [www.solbergmfg.com](http://www.solbergmfg.com) for most current offering.