

Compact Filter Silencers

FS Series 1/2" - 6", DN80 - DN150

Features

- Fully drawn weatherhood
- Tubular silencing design - tubes are positioned to maximize attenuation and air flow while minimizing pressure drop
- Corrosive resistant gray powder coat carbon steel

Technical Specifications

- Temp (continuous): min -26°C (-15°C) max 104°C (220°F)
- Filter change out differential: 37-50 mbar over initial ΔP
- 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
- 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)



Threaded Outlet Assembly



Flange Outlet Assembly

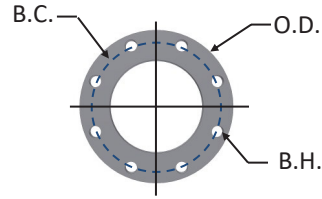
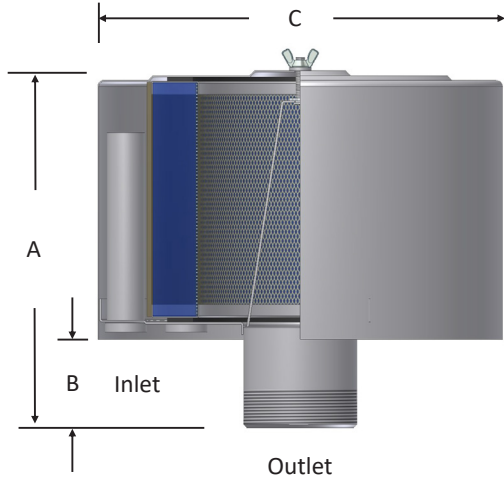
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Ross Brown Sales Pty. Ltd

ABN 28 000 690 362
21 Brookhollow Ave, Norwest NSW 2153
PO Box 6345 BHBC NSW 2153 Australia
Phone: (02) 8855 1700 Fax: (02) 9899 4233
Email: sales@rossbrownsales.com.au
Website: www.rossbrownsales.com.au

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O.D.: Outside Diameter
B.C.: Bolt Circle
B.H.: Bolt Hole

PN10 Pattern Flange	Dimensions - mm			No. of Holes	Flange Thickness mm
	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

Outlet Size	Type	Assembly m ³ /hr Rating	Assembly Part Number		Dimensions - mm			Suggested Service ht. mm	No. of Silencing Tubes	Approx. Weight (kg)	Replacement Element Part No.		Element m ³ /hr Rating
			Polyester	Paper	A	B	C				Polyester	Paper	
1/2"	MPT	17	FS-15-050	FS-14-050	87	24	155	59	1	0.8	15	14	60
3/4"	MPT	43	FS-15-075	FS-14-075	96	32	155	59	2	0.9	15	14	60
1"	MPT	60	FS-15-100	FS-14-100	96	33	155	59	3	0.9	15	14	60
1"	MPT	60	FS-15-100B	FS-14-100B	0	0	0	59	3	0.9	15	14	60
1"	MPT	94	FS-19P-100	FS-18P-100	162	33	156	121	3	1.4	19P	18P	170
1 1/4"	BSPT	119	FS-19P-126	FS-18P-126	171	41	156	121	5	1.5	19P	18P	170
1 1/2"	BSPT	145	FS-19P-151	FS-18P-151	171	41	156	121	5	1.6	19P	18P	170
1 1/2"	BSPT	145	FS-19P-151B	FS-18P-151B	171	41	156	121	5	1.6	19P	18P	170
2"	BSPT	230	FS-31P-201	FS-30P-201	190	57	262	121	5	3.5	31P	30P	332
2"	BSPT	230	FS-231P-201	FS-230P-201	304	60	260	241	5	6.3	231P	230P	510
2 1/2"	BSPT	332	FS-31P-251	FS-30P-251	196	67	262	121	5	3.7	31P	30P	332
2 1/2"	BSPT	332	FS-231P-251	FS-230P-251	314	67	260	241	9	6.5	231P	230P	510
3"	BSPT	510	FS-231P-301	FS-230P-301	323	80	260	241	9	6.8	231P	230P	510
3"	BSPT	510	FS(12)-235P-301	FS(12)-234P-301	326	69	311	244	3	13	235P	234P	970
3"	BSPT	510	FS-275P-301	FS-274P-301	330	80	406	244	9	15	275P	274P	1870
4"	BSPT	885	FS(12)-235P-401	FS(12)-234P-401	352	95	311	244	6	14	235P	234P	970
4"	BSPT	885	FS-275P-401	FS-274P-401	353	102	406	244	9	15	275P	274P	1870
5"	BSPT	1360	FS-245P-501	FS-244P-501	356	105	305	244	14	15	245P	244P	1500
5"	BSPT	1360	FS-275P-501	FS-274P-501	356	105	406	244	14	16	275P	274P	1870
6"	BSPT	1870	FS-275P-601	FS-274P-601	394	130	406	244	18	17	275P	274P	1870

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

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

See Filter Silencer Technical Data for sizing guidelines.

All model offerings and design parameters are subject to change without prior notice.



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