

# Compact Filter Silencers for Blowers

## QB Series 2" - DN150 BSPT, Flange



### Features

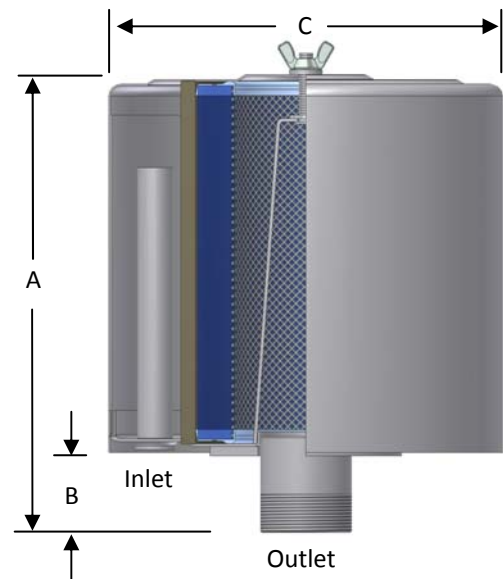
- Multiple silencing features; reduce and deaden sound
  - Silencing tubes are positioned to maximize attenuation and air flow while minimizing pressure drop
  - “Quiet band” technology utilizes sound suppression in the design of the weatherhood
- Fully drawn weatherhood—no welds to rust or vibrate
- Low pressure drop housing design
- Durable carbon steel construction with gray baked enamel 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

- 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 or epoxy coated finishes
- Special connections
- Side Access Silencer Filters (LQB Series) for space restricted enclosures (select models)





# SOLBERG® Compact Filter Silencers for Blowers

## QB Series 2" - DN150 BSPT, Flange

Filter Silencers

### BSPT Outlet Connections

BSPT 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	
2"	230	QB-231P-201	QB-230P-201	311	57	254	7	6	231P	230P	510
2 1/2"	332	QB-231P-251	QB-230P-251	318	64	254	9	6	231P	230P	510
3"	510	QB-231P-301	QB-230P-301	330	76	254	9	6	231P	230P	510
3"	510	QB-235P-301	QB-234P-301	330	76	406	9	13	235P	234P	969
3"	510	QB-275P-301	QB-274P-301	330	76	406	9	15	275P	274P	1870
4"	884	QB-235P-401	QB-234P-401	356	102	406	9	14	235P	234P	969
4"	884	QB-275P-401	QB-274P-401	356	102	406	9	15	275P	274P	1870
5"	1360	QB-245P-501	QB-244P-501	356	102	406	14	15	245P	244P	1496
5"	1360	QB-275P-501	QB-274P-501	356	102	406	14	16	275P	274P	1870
6"	1870	QB-275P-601	QB-274P-601	394	133	406	18	17	275P	274P	1870

See Filter Silencer Technical Data section for sizing guidelines.

Dimension tolerance ± 6 mm

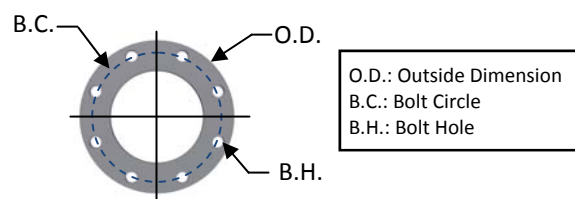
### PN10 Pattern Flange Outlet Connections

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	QB-235P-DN80	QB-234P-DN80	330	76	406	9	13	235P	234P	969
DN80	510	QB-275P-DN80	QB-274P-DN80	330	76	406	9	15	275P	274P	1870
DN100	884	QB-245P-DN100	QB-244P-DN100	356	102	406	9	16	245P	244P	1496
DN100	884	QB-275P-DN100	QB-274P-DN100	356	102	406	9	18	275P	274P	1870
DN125	1360	QB-245P-DN125	QB-244P-DN125	356	102	406	14	17	245P	244P	1496
DN125	1360	QB-275P-DN125	QB-274P-DN125	356	102	406	14	18	275P	274P	1870
DN150	1870	QB-275P-DN150	QB-274P-DN150	394	133	406	18	19	275P	274P	1870

See Filter Silencer Technical Data section for sizing guidelines.

Dimension tolerance ± 6 mm

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