

# STAINLESS STEEL BREATHER VENT

## SSBV - SERIES

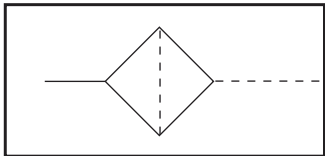


SSBV-Series low profile breather vents are constructed with 300-Series stainless steel materials, they are resistant to atmospheric corrosion, foodstuffs, sterilizing solutions, many organic dhemicals, dyestuffs and wide variety of inorganic chemicals.

SSBV-Series compact breather vents are furnished with standard male pipe thread connections, they are often used on single acting stainless steel cylinders or valves to prevent dirt and foreign particles from entering port open to the atmosphere. Other common uses can also be found on vacuum relief or pressure equalization for gearboxes, crank cases, storage tanks or other vessels whenever pressure equalization is required.

Unit should be mounted in a protective position free from excessive vibration. Use wrench on hex head to tighten unit to the device. All units contain 70-micron filter element.

### Symbol



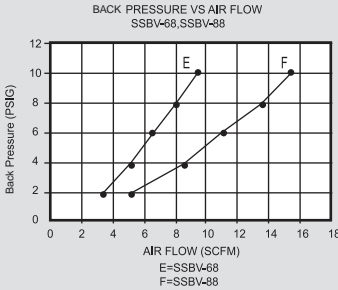
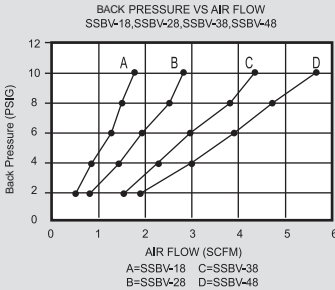
### HOW TO ORDER

**SSBV** — ☐ ☐ — **PT**

Stainless Steel  
Breather Vent

Connection (PT)  
18=1/8", 28=1/4"  
38=3/8", 48=1/2"  
68=3/4", 88=1"

### FLOW CHARACTERISTICS - S.S. BREATHER VENT



\*All tests are performed by Consolidated Laboratories, Inc.

## SPECIFICATIONS

ITEM	MODEL	SSBV-18	SSBV-28	SSBV-38	SSBV-48	SSBV-68	SSBV-88
CONNECTION	PT	1/8"	1/4"	3/8"	1/2"	3/4"	1"
HEX	IN.	1/2"	5/8"	3/4"	15/16"	1-1/18"	1-1/2"
MATERIAL	BODY	303 STAINLESS STEEL					
	ELEMENT	316 STAINLESS STEEL (70 micron)					
MAX OPERATING PRESSURE		150 psi (10.5 kgf/cm <sup>2</sup> )					
OPERATING TEMPERATURE		35~392 °F (1.6~200 °C)					
WEIGHT (APPROX.)	g	8	15	22	39	65	96

 Unit:mm		PT	B	L	D	D1	H
	SSBV-18	1/8"	7	14.5	12.5	6	12.7
	SSBV-28	1/4"	11	19	15.5	8	15.8
	SSBV-38	3/8"	13.5	22.5	18.6	11	19
	SSBV-48	1/2"	16	25.5	23.1	14.5	23.8
	SSBV-68	3/4"	19.5	29	27.1	18	28.5
	SSBV-88	1"	22	31.5	33.1	24	35

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# STAINLESS STEEL BREATHER VENT

## SSBV - SERIES

### SOUND CHARACTERISTICS - STAINLESS STEEL EXHAUST MUFFLER

	SSBV-18		SSBV-28		SSBV-38		SSBV-48		SSBV-68		SSBV-88	
BACK PRESSURE (PSIG)	FLOW (SCFM)	db	FLOW (SCFM)	db	FLOW (SCFM)	db	FLOW (SCFM)	db	FLOW (SCFM)	db	FLOW (SCFM)	db
2	0.6	60.0	0.9	60.0	1.5	60.0	1.9	62.0	3.3	60.0	5.0	60.0
4	1.9	60.0	1.5	60.0	2.4	60.5	3.0	62.5	5.0	61.5	8.5	61.0
6	1.2	60.0	2.0	60.0	3.0	61.0	3.9	64.0	6.6	62.0	11.0	61.5
8	1.5	60.0	2.4	60.5	3.7	61.5	4.8	64.5	7.9	63.5	13.5	62.0
10	1.8	60.0	2.7	60.5	4.4	62.5	5.7	65.0	9.3	65.0	15.5	62.0

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