

## BREATHER VENTS

These breather vents have many applications, including vacuum relief or pressure equalization on gear boxes, oil tanks or reservoirs. Common uses can be found on single acting cylinders or valves to prevent dirt and foreign particles from entering ports open to the atmosphere.

Units have a nickel plated steel insert. All have standard pipe thread fittings for quick assembly and removal for cleaning. The filter element within the standard breather vent is rated for 40 micron filtration and can also be obtained for 20 or 90 micron filtration on special order.

See performance charts for flow characteristics.

Maximum operating pressure: 150 PSI  
Operating temperatures: 35°F to 300°F



part no. NPT	part no. BSP	thread size	overall length	dia.	weight lbs.
ASP-1BV	ASP-1BVBS	1/8"	7/16"	7/16"	.01
ASP-2BV	ASP-2BVBS	1/4"	5/8"	9/16"	.02
ASP-3BV	ASP-3BVBS	3/8"	3/4"	11/16"	.04
ASP-4BV	ASP-4BVBS	1/2"	7/8"	7/8"	.06
ASP-6BV	---	3/4"	1"	1 1/16"	.10
ASP-8BV	---	1"	1 5/16"	1 5/16"	.23
ASP-10BV	---	1 1/4"	1 13/32"	1 11/16"	.41
ASP-12BV	---	1 1/2"	1 1/2"	2"	.56

## PNEUMATIC EXHAUST MUFFLERS

Quiet Flow muffler/filters utilize porous sintered bronze directly bonded to nickel plated steel pipe thread fillings to diffuse air and muffle noise from the exhaust ports or valves, cylinders and air tools. These units offer a combination of small size with the greatest possible sound deadening qualities to reduce exhaust noise to acceptable levels within OSHA noise requirements.

In addition, these units are used as filters for gasoline, oil and air. Standard unit contains a 40 micron element, and 20 or 90 micron units are available on special order. Model ASP-420 is a female thread (1/2" - 20) muffler for use on exhaust ports of most solenoid valves. It can be used with "exhaust to atmosphere" valves, including Skinner, Peter Paul, Allied, KIP, Pre Dyne or any muffler using 1/2" - 20 threads on the sleeve.

See performance chart for flow information and sound characteristics.

Maximum operating pressure: 300 PSI  
Operating temperatures: 35°F to 300°F



part no. NPT	part no. BSP	thread size	overall length	dia.	weight lbs.
ASP-M*	---	10"-32	45/64"	5/16"	.01
ASP-1	ASP-1BS	1/8"	1 1/8"	7/16"	.02
ASP-2	ASP-2BS	1/4"	1 3/8"	9/16"	.04
ASP-3	ASP-3BS	3/8"	1 1/2"	11/16"	.06
ASP-4	ASP-4BS	1/2"	1 7/8"	7/8"	.10
ASP-6	consult factory	3/4"	2 1/4"	1 1/16"	.18
ASP-8	consult factory	1"	2 7/8"	1 5/16"	.34
ASP-10	consult factory	1 1/4"	3 1/4"	1 11/16"	.62
ASP-12	consult factory	1 1/2"	3 11/16"	2"	.88
ASP-420**	---	1/2"-20 FEM	1 3/16"	5/8"	.04

\* Furnished with gasket.  
\*\* Female threads -- fits most solenoid valve exhaust ports.