

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.

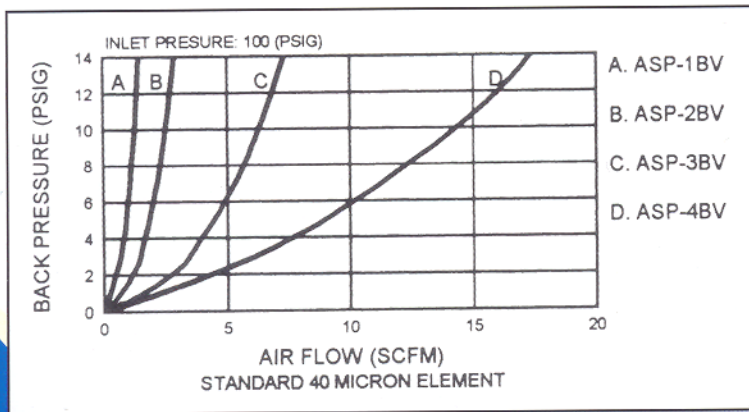
See performance charts for flow characteristics.

Maximum operating temperature: 150 PSI
 Operating temperature: 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 |

Flow Characteristics—Breather Vents

ASP-1BV, ASP-2BV, ASP-3BV, ASP-4BV
 Back Pressure vs. Air Flow



ASP-6BV, ASP-8BV, ASP-10BV, ASP-12BV
 Back Pressure vs. Air Flow

