

Type AVC-1000 & AVC-3000 Pressure Volume Controller



APPLICATION

• For applications requiring extremely fine pressure adjustment

FEATURES

- Precisely set a pressure in a closed pneumatic system
- Pneumatic Volume controller
- Vacuum 1,000 or 3000psi
- Piston/cylinder device provides fine adjustment in closed pneumatic systems

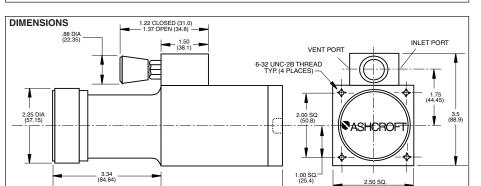
Ashcroft® Pressure Volume Controllers provide an easy-to-use means of rapidly and accurately adjusting pressure in a closed system. These pressure controllers provide the ability to precisely adjust pressure within 0.00025 psi. When used with digital pressure gauges, dial gauges, transducers, pressure switches, air deadweight testers, manometers and other similar devices they provide a fast and accurate means for setting a precise pressure.

STANDARD SPECIFICATIONS

Model	AVC-1000	AVC-3000
Range (psi)	Vacuum-1000	Vacuum-3000
Proof (psi)	2000	6000
Burst (psi)	6000 min.	12,000 min.
Resolution (psi)	0.00025	0.0005
Volume Change (cubic inches)	3.5	2.5
Mechanical Rotation (total turns)	31	61
Connection	1/8 NPTF	1/8 NPTF
Operating Temperature. Range	20-120° F	20-120° F
Construction Aluminium body, Stainless Steel, Brass, Teflon, Delrin and Buna-N		

Vent Valve Vent Valve Inlet Valve Balance Valve

Balance Valve Open System in Pressure Balance or Vent Mode



7.16 (181.86)



Balance Valve Closed

System in Test Mode