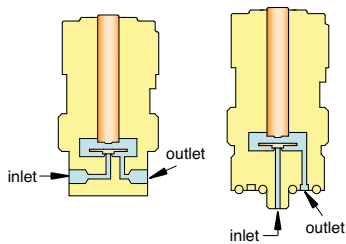




EVP SERIES 2-WAY PROPORTIONAL CONTROL VALVES



Based on Clippard's original spider design from 1973, the EVP's armature is the heart of the valve which provides precise flow control.



In-Line Mount Manifold Mount

Medium: Clean, dry air or inert gases

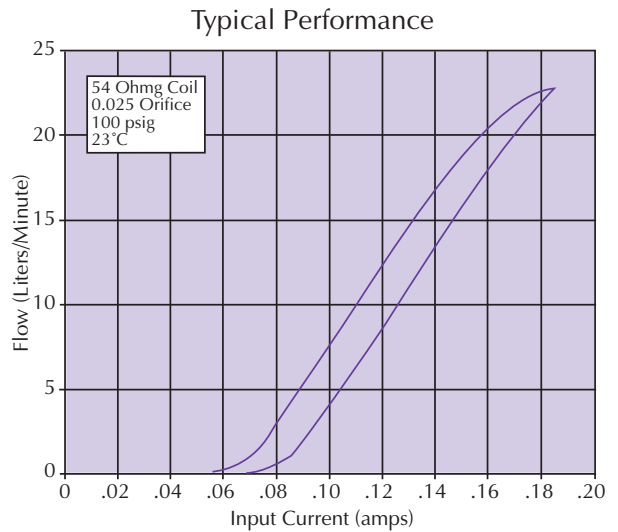
Power Consumption: 1.9 watts at 73°F, 2.3 watts max

Temperature Range: 32 to 120°F

Ports: #10-32 Female (in-line), #10-32 Male Stud (manifold).
(see page 191 for manifold options)

Seal Material: Nitrile; FKM and EPDM. Others available.

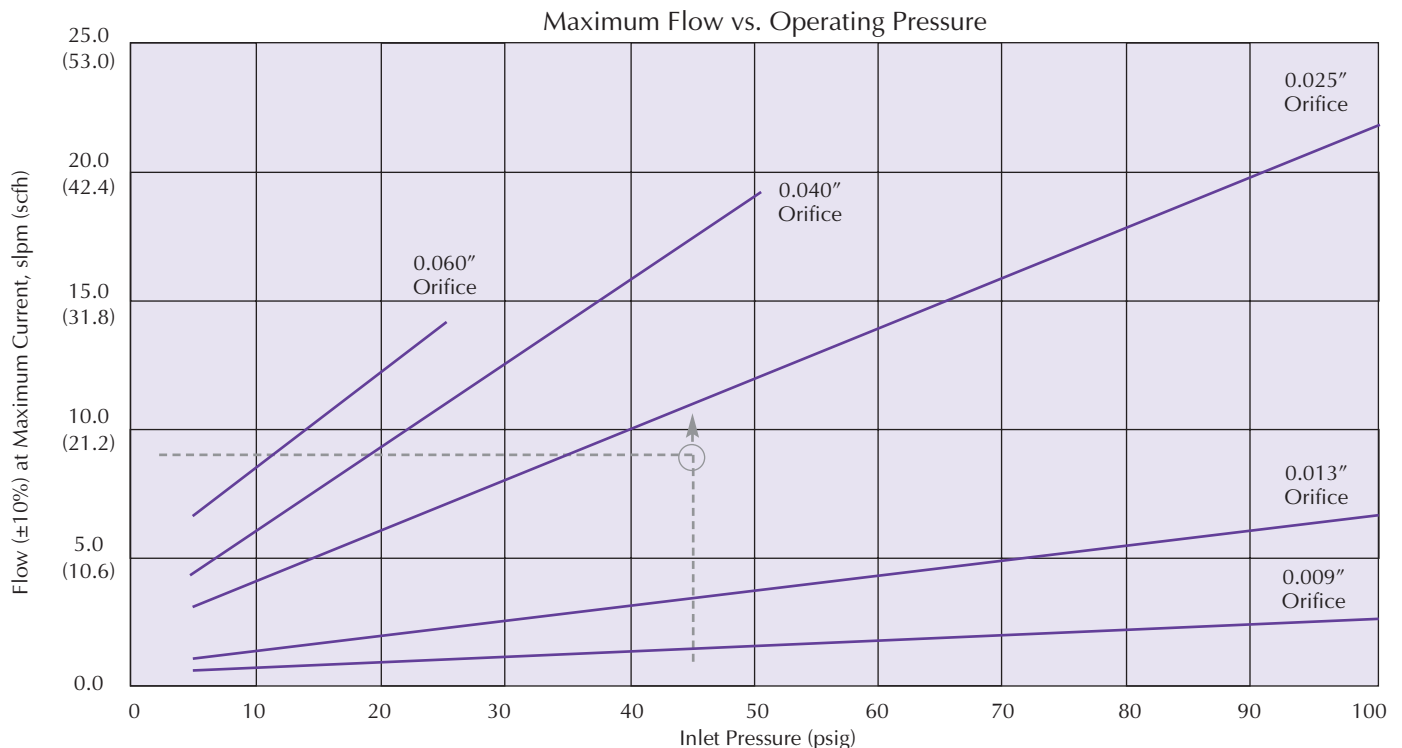
Maximum Hysteresis: 10% of full current



Operating Pressure

The EVP Proportional Valve can be calibrated for pressures less than the Maximum Pressure shown above. Lower pressures may be substituted in increments of 5 psig, and will be used for calibration. For pressures less than 5 psig, please consult Clippard Instrument Laboratory, Inc.

Note: Voltage, Orifice and Pressure are determined by the Part Number configured on the following page.



To determine the correct orifice required, locate the colored line immediately above the flow/pressure intersection. Example: 9 slpm required at 45 psig inlet. This example leads to a "-2545" valve (0.025" nozzle, 45 psig).