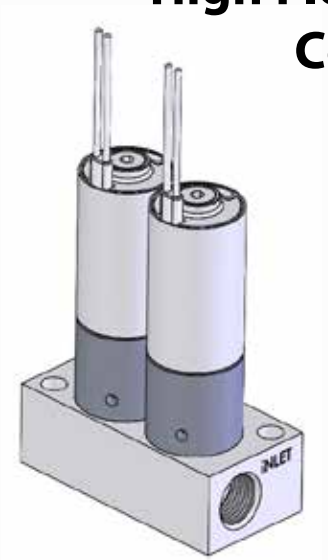
High Flow Twin-Valve Proportional Control Dual Assembly



SPECIFICATIONS *(based on a single valve)*

Valve Type	2-Way, Proportional
Medium	Air & Compatible Gases (40 micron filter)
Pressure Range	Vac* to 100 psig
Max. Hysteresis	10% of full current
Max. Flow Tolerance	+10% / -0%
Power Consumption	1.9 watts at 72°F, 2.5 watts max per valve
Temperature Range	32 to 120°F
Voltage	10 or 20 VDC
Mounting	Manifold, #10-32 Male Stud
Seal Material	FKM seals, Krytox lubricant
Wetted Materials	Valves: Stainless Steel, PPS, Manifold: Anodized Aluminum, Others available
Certifications	CE, RoHS, REACH

** Vacuum applications are reverse flow*

For Higher Flows & Faster Lead Times

The increased demand for ventilator products have other manufacturers struggling to meet the critical demand for >100 l/min proportional valves.

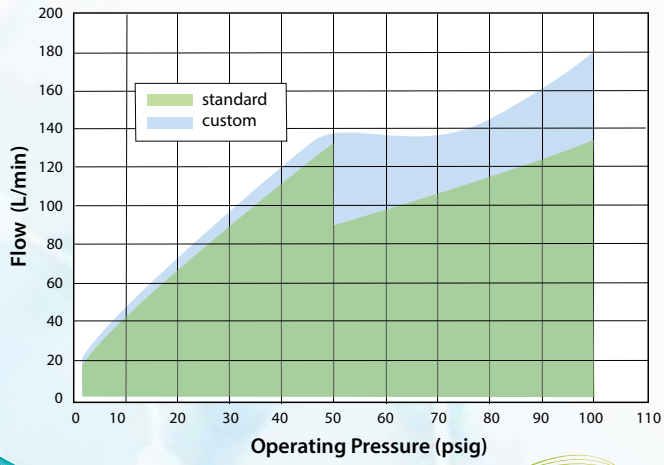
Although Clippard does not manufacture a specific singular valve that meets these exact specifications, utilizing two DVP series high flow proportional valves ported in parallel can achieve the flow requirements for some applications by use of a specialized valve/manifold assembly.

The compact DVP Series offers extremely high cycle life, fast response, linear flow gain, low hysteresis, low power consumption, and flows over 60 l/min. The valve provides air or gas flow control, and varies the output flow based on the current input to the solenoid.

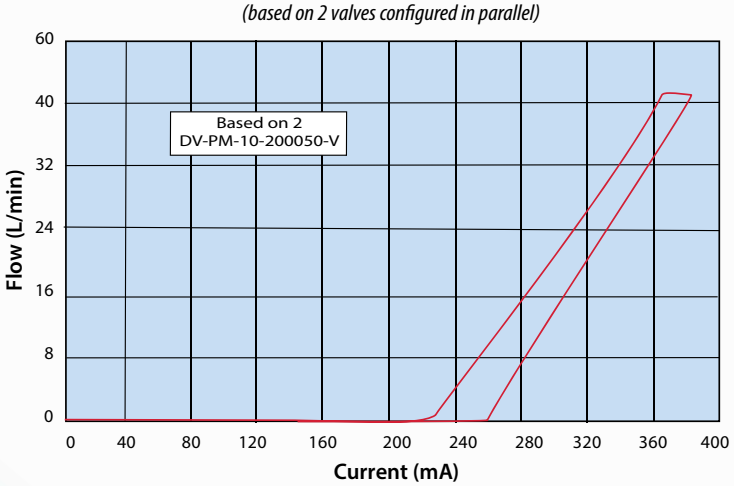
Contact Clippard with specific pressure and flow specifications.

- **Industry standard for leak-free operation**
- **Over 1,000,000,000 cycles**
- **Extremely low hysteresis**
- **Fast response time**
- **Large flows in small, sleek design**
- **Low heat rise/low power**
- **Oxygen compatible**

DVP Flow Capabilities
(based on 2 valves configured in parallel)



Typical Performance
(based on 2 valves configured in parallel)



** Call for custom flow and pressure configurations*

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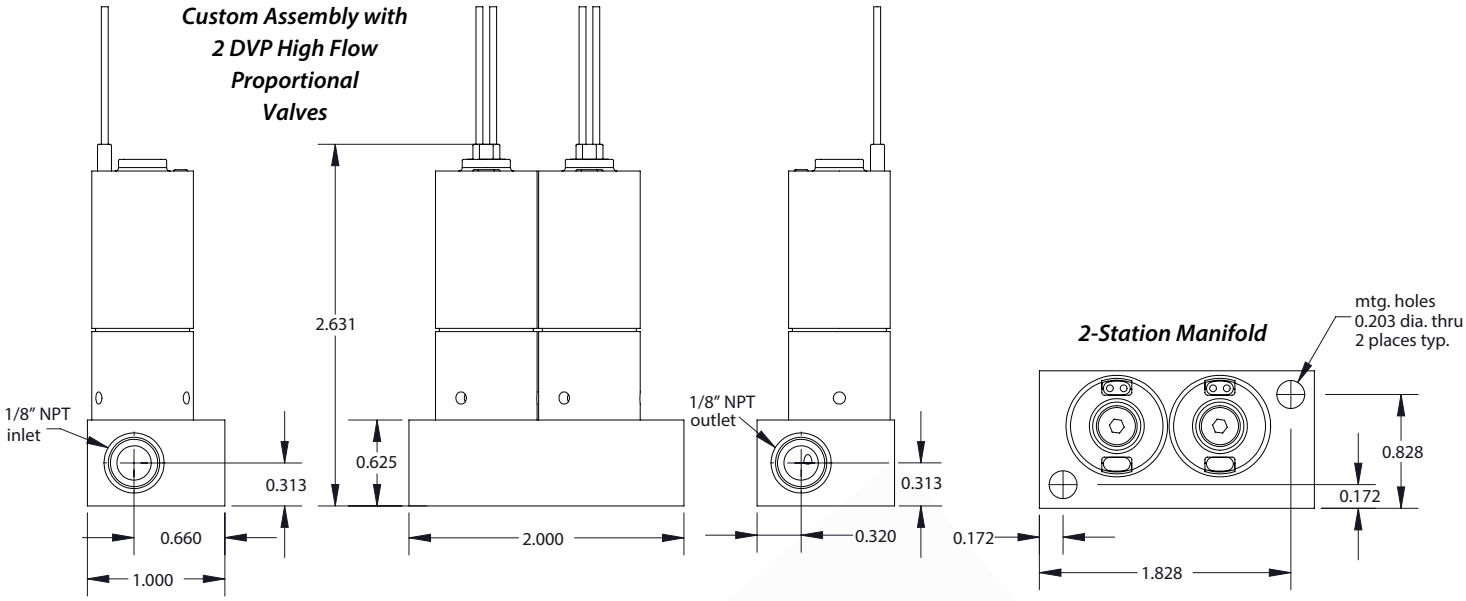

Contact Clippard with your application details.