LowPro HF Miniature Proportional Valve

High Performance Control for Medical OEMs



Ultra Compact Size

High Flow Up to 275 SLPM

Low Power Consumption

Consistent Flow Controllability

What It Is

Parker's **LowPro HF** is a pressure balanced high flow miniature proportional valve brings true high-flow performance.

How It Works

- Provides Cv > 0.15 and controls up to 120 SLPM at only 38 PSI inlet pressure.
- Supports inlet pressures up to 100 PSIG (6.9 bar).
- Delivers flow capability comparable to much larger devices.

Ideal Applications

- Ventilators
- Insufflators
- Anethesia Delivery
- Robotics/Industrial Automation

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Key Benefits

- High Flow
- 100 Million Cycles
- Small and Lightweight
- Simplified Integration

Competitive Advantages

- **Consistent flow control:** Smooth performance from liftoff to maximum flow.
- **Low power consumption:** Efficient operation under 3 watts.
- **Compact high-flow performance:** Ideal for portable respiratory and patient-therapy OEMs.
- **Supplier stability:** Quality systems, long-term availability, controlled change.

Tech Highlights

- **Media:** Air, oxygen, or any non reactive, non-condensing gases.
- **Operating Pressure:** 5-100 psi (.34 - 6.9 bar)
- **Pressure Balanced:** 5 SCCM max internal leak

Accessory & Manifold Options

- **Manifold Mount Design:** Offset porting with integrated seals.
- **Test Manifold:** With 1/8 - 27 NPT threaded ports.
- **Mating Connector:** With tinned leads.

Scan the QR Code to learn more or Contact Your Local Parker Engineer for Application Support.

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