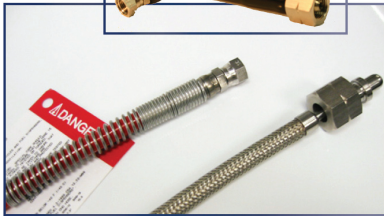
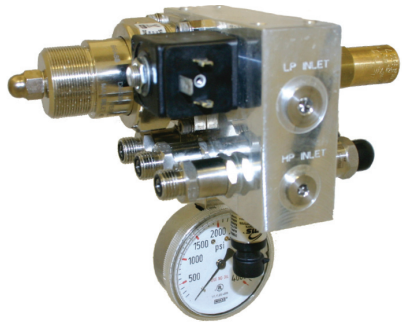


Hydrogen Fuel Supply System



This product is unique because it simplifies, consolidates, and cost reduces an otherwise elaborate Hydrogen System.

Features

- Designed for Fuel Cell applications
- Primary system will support up to 6 K-sized bottles
- Porting is available for up to 12 more K-sized bottles of H₂ gas (18 bottles total)
- Flush mountable to top of cabinet
- Distinct maximum inlet pressures: 2500 PSI (170 bar); 4000 PSI (275 bar); 5000 PSI (345 bar)
- Outlet Pressure: tamper proof 5-100 PSI (*Other outlet pressures available via special order*)
- Meets the requirements of FC-1
- Meets the requirements of Telecordia GR47 & GR63
- All ports and connections are o-ring sealed (SAE) to eliminate leaks
- Every assembly is Helium Leak tested to a bubble tight condition
- Flow rates exceed 130 SLPM

Components

- Billet CNC Machined 6061-T6 Aluminum Manifold
- 316 SS Parker Check Valves with Parker Seal-Lok™ Connections
- Plated Brass Pressure Gauge
- Nickel Plated Brass Surface Mount Parker Regulator(s)
- ASME Brass Parker Relief Valve
- SS Parker Solenoid Valve with DIN-style Connection
- (6) Electrically Conductive Polymeric Hoses with crimped ends (Seal-Lok & CGA 350)

Optional Components

- Billet CNC Machined 316 SS
- 316 SS Pressure Gauge
- 316 SS Surface Mount Regulators
- 316 SS Pressure Transducer
- Various Solenoid Voltages
- Automatic Change Over (provides the ability to draw down only 3 bottles at a time)
- (6) 316 SS Metal Hoses with Welded Ends (Seal-Lok & CGA 350)
- Custom Systems Available

Custom re-fueling manifolds are available by request

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