



Design

The Fuel Changeover System is a wall mount, dual-input, auto-changeover, gas control and pressure regulation system. It features an outlet pressure regulator and gauge, two inlet pressure gauges, two inlet isolation valves, a pressure relief valve and snubber. Two flexible inlet pigtails, equipped with individual check valves and tank connectors are also provided.

Operation

When the primary fuel tank is depleted, the system automatically begins to draw from the secondary tank to ensure an uninterrupted supply of fuel to the analyzers. An empty tank is indicated by an inlet pressure gauge reading below 200 psi. The operator should then replace the empty tank and rotate the changeover knob designating the new tank as the reserve supply.

Standard Specifications

Part Number	PRV060
Dimensions	10" x 10"
Weight	13 lbs
Tank connections	350 CGA, brass
Maximum Inlet Pressure	3000 psig (207 Bar)
Minimum Inlet Pressure	300 psig (20.7 Bar)
Inlet Pressure Gauge	0-4000 psig
Gauge size	2 inch dial
Operating Temperature	-40°F to 140°F (-40°C to 60°C)
Delivery Pressure Range	10-150 psig (0.69 to 10.3 Bar)
Delivery Pressure Gauge	0-200 psig
Gauge Size	2 inch dial
Outlet Connection	¼" compression fitting, stainless steel
Relief Valve Connection	¼" NPT female, brass
Flexible Pigtails	36" long, stainless steel
Fuel Type	Hydrogen

Capability

Up to twenty (20) PreVEx, CalorVal or SNR650 analyzers may be connected to the Fuel Changeover System.