

# GAS SWITCHOVER SYSTEM



## 634 SERIES SEMI-AUTO SWITCH HF

The 634 Series Switchover provides a continuous supply of gas through two extra heavy-duty 6700 Series regulators. Line or station regulators should be installed at the point of use to ensure constant delivery pressure.

### Advanced Features

**Semi-Automatic Pressure Differential Switchover**

Continuous supply

**Integral 6700 Regulators**

High-flow capacity

**Pressure Ranges 0-15 to 0-200 PSIG**

Broad range of applications

**Integral Maniflex Manifold System**

Easy installation and expansion

**Left and Right Banks**

Maintain reserve supply

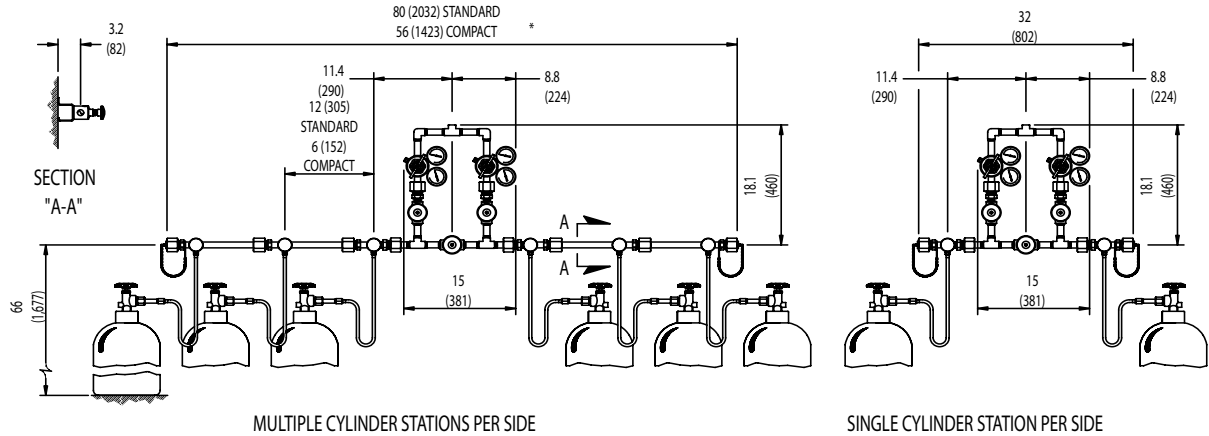


Applications	Materials	Specifications
<p><b>Pipeline Supply Source</b> 200 PSIG delivery pressure meets NFPA guidelines without compromising flow capacity (15 PSIG maximum for Acetylene)</p> <p><b>Fuel Gases</b> Safely supply Acetylene and other fuel gases for cutting, heating or welding with OSHA regulation compliant manifold systems. Use of Acetylene requires flashback arrestor on hoses.</p>	<p><b>Delivery Regulator Bodies</b> Brass barstock</p> <p><b>Delivery Regulator Bonnets</b> Forged brass</p> <p><b>Master Valves</b> Forged brass</p> <p><b>Diaphragms</b> Fabric-reinforced neoprene</p> <p><b>Internal Seals</b> PTFE and neoprene</p> <p><b>Seats</b> Neoprene and Viton®</p> <p><b>Piping</b> Forged brass</p> <p><b>Hose Core</b> Stainless steel PTFE Rigid copper</p> <p><b>Hose Fittings</b> Brass</p> <p><b>Hose Casing</b> Armored stainless steel Stainless steel braid</p>	<p><b>Maximum Inlet Pressure</b> 3000 PSIG (210 BAR)</p> <p><b>Temperature Range</b> -40 to 140°F (-40 to 60°C)</p> <p><b>Maximum Flow</b> 6000 SCFH (2830 LPM)</p> <p><b>Outlet Connection</b> 1/2" FNPT</p> <p><b>Weight</b> 23 lbs. (10.4 kg)</p>

# GAS SWITCHOVER SYSTEM



## Installation Dimensions



DISTRIBUTION SYSTEMS

## Ordering Information

Series	Outlet Pressure	Manifold Style	Hose Style	Stations/Side	-Cylinder Connection	Options
634	2: 0-40 PSIG (0-3 BAR)	1: Standard Length (12" between stations) with One Cylinder/Station	2: 24" Rigid Copper (Not for use with Acetylene CGA 300 & 510)	1: One Station	Inlet connection (if applicable)	C: Foreign Inlets Carbon Dioxide & Inert
	3: 0-120 PSIG (0-10 BAR)	3: Standard Length (12" between stations) with Two Cylinders/Station	3: 72" Flexible Stainless Steel Armor Case with Stainless Steel Core	2: Two Stations	To prevent adiabatic ignition PTFE core hoses for Oxygen service include distance volume pieces and stainless steel core hoses are Monel core.	F: Arrestor for 300, 410, 510
	4: 0-200 PSIG (0-15 BAR)	4: Compact Length (6" between stations) with One Cylinder/Station	4: 24" Flexible Stainless Steel Braided with PTFE Core	3: Three Stations		R: Foreign Inlets Air, Hydrogen, Oxygen, Oxygen Mix
	5: 0-15 PSIG* (0-1 BAR)	6: Compact Length (6" between stations) with Two Cylinders/Station	5: 36" Flexible Stainless Steel Armor Case with Stainless Steel Core	4: Four Stations		
			6: 36" Flexible Stainless Steel Braided with PTFE Core	5: Five Stations		
			7: 24" Flexible Stainless Steel Armor Case with Stainless Steel Core	6: Six Stations	PTFE-lined hoses not for use with Helium or Hydrogen.	
			9: 72" Flexible Stainless Steel Braided with PTFE Core	7: Seven Stations		
				8: Eight Stations		
				9: Nine Stations		

\*Outlet gauge redline for Acetylene service

## Related Options

Part Number	Option	Description
830 7437	Manifold Floor Stand	Supports 2 standard length (12") manifold extensions installed consecutively
See page 55	Station Regulators	Precise pressure delivery at the point of use
801 7011 801 7015	Fuel Gas Flashback Arrestors	Use of Acetylene requires flashback arrestors on hoses. Meets OSHA and NFPA Std. 51 requirements and complies with ISO 5175 (heavy class) DIN 8521, and BS 6158 (See page 54)
801 7012 801 7016	Oxygen Flashback Arrestors	Use of Acetylene requires flashback arrestors on hoses. Meets OSHA and NFPA Std. 51 requirements and complies with ISO 5175 (heavy class) DIN 8521, and BS 6158 (See page 54)