



## 636 Series AutoSwitch HF

The 636 Series AutoSwitch provides a continuous supply of nonflammable industrial gases at a constant delivery pressure from two high pressure banks. Standard pressure switches enable visual alarms and an optional remote alarm to notify the user of the need to replenish a depleted bank.

### Advanced Features

- **Balanced Main Valve**  
High flow capacity
- **Integral Line Regulator**  
Stable line pressure during change-over
- **Variable Line Pressure**  
Line pressure changeable on site
- **User-Friendly Priority Valve**  
One knob switches cylinder priority
- **Integral Manifold System**  
Easy installation



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**EXTENDED**  
WARRANTY

On This CONCOA Product

### Applications

#### Purging Systems

Large flow capacity to remove contaminants

#### Argon or Helium Shielding Gas

High-pressure source

### Materials

#### Priority Valve and Line Regulator

Brass barstock

#### Diaphragms

Fabric-reinforced neoprene

#### Enclosure

Acrylic powder-coated steel

#### Tubing and Fittings

316 stainless steel, brass, and copper

#### Internal Seals

PTFE

#### Seats

Neoprene, PTFE and Viton®

#### Pressure Gauges and Switches

Brass, bronze, stainless steel, and copper

#### Check Valves

Brass with Viton® seals

### Specifications

#### Maximum Inlet Pressure

3,000 PSIG (210 BAR)

#### Temperature Range

-40 to 140°F (-40 to 60°C)

#### Maximum Flow

6,000 SCFH (2830 lpm)

#### Inlet Connection (Enclosure)

½" FPT

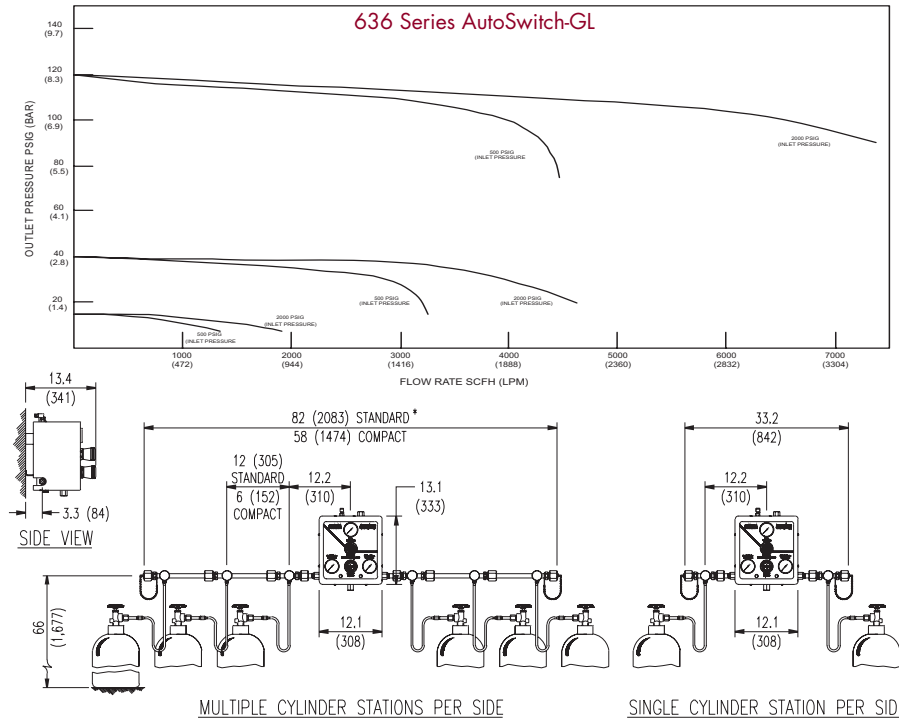
#### Outlet Connection

½" FPT

#### Weight

54 lbs. (25 kg)

## Flow Performance Curves



\*Additional standard manifold extensions add 12" (305 mm) per side;  
Additional compact manifold extensions add 6" (153 mm) per side.

## Ordering Information

636	A	B	C	D	Inlet
<b>Series 636</b>	Outlet Pressure	Manifold Style	Pigtail Style	Stations/Side	Connection
	1: 0-15 PSIG	1: Standard Length (12" between stations) with One Cylinder/Station	2: 24" Rigid Copper	1: One Station	Please specify inlet connection CGA DIN 477 BS 341 and others available
	2: 0-40 PSIG		3: 72" Flexible Stainless Steel-lined	2: Two Stations	
	3: 0-120 PSIG	3: Standard Length (12" between stations) with Two Cylinders/Station	4: 24" Flexible Stainless Steel-braided with PTFE lining	3: Three Stations	
			5: 36" Flexible Stainless Steel-lined	4: Four Stations	
	4: Compact Length (6" between stations) with One Cylinder/Station		6: 36" Flexible Stainless Steel-braided with PTFE lining	5: Five Stations	
	6: Compact Length (6" between stations) with Two Cylinders/Station		7: 24" Flexible Stainless Steel-lined	6: Six Stations	
			9: 72" Flexible Stainless Steel-braided with PTFE lining	7: Seven Stations	
				8: Eight Stations	
				9: Nine Stations	

## Related Options

Option	Stock No.	Description
Advantium 8	529-5310 (110 Volt)	Provides audible and visual notification of a depleted supply bank to a remote location
	529-5311 (220 Volt)	
Advantium 2 Plus Alarm	575-0021 (110 Volt)	
	575-0022 (220 Volt)	
Manifold Floor Stand	830-7437	Single manifold floor stand provides support for up to two consecutive manifold extensions
Floor Stand	830-7439	AutoSwitch floor stand

Laser Welding Supply