

636 Series AutoSwitch HF

*High Flow
Automatic
Switchover System
Pressure Switches*



636-3xxx shown

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

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

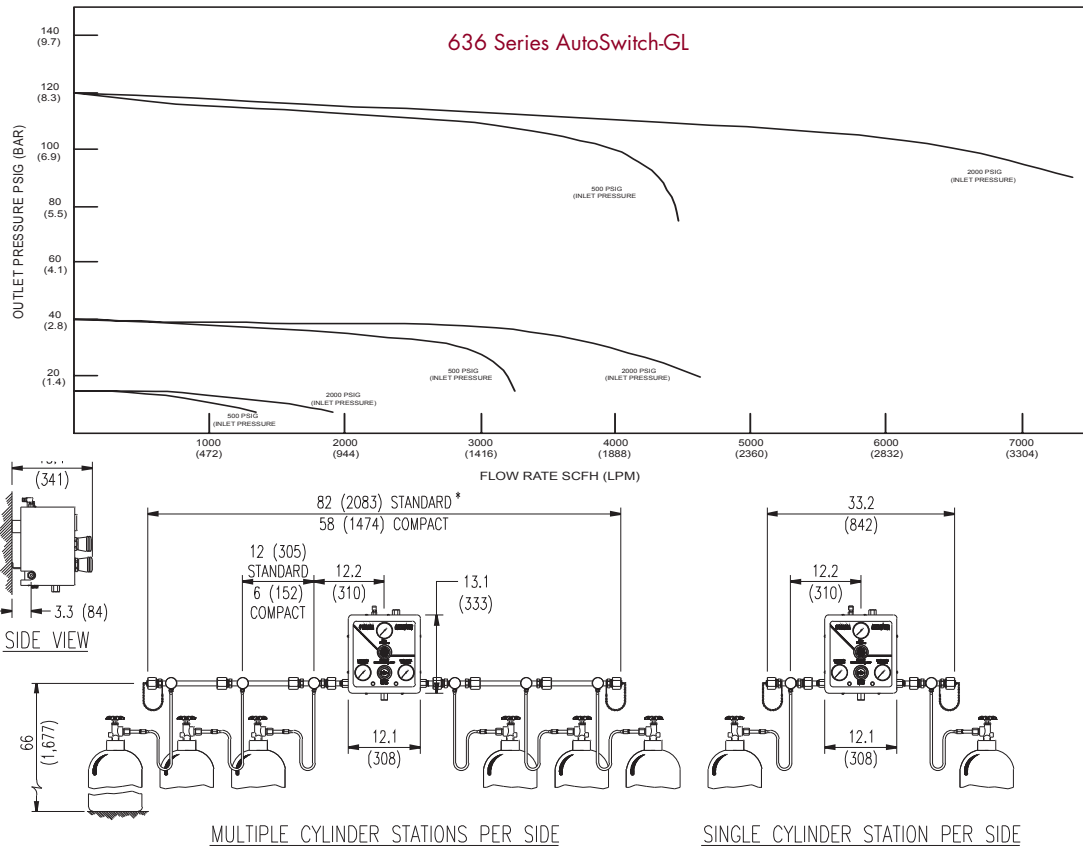
Specifications

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)

CONCOA

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

Related Options

Option	Order No.	Description
Remote Alarm	Advantium Series	Provides audible and visual notification of a depleted supply bank to a remote location
Manifold Floor Stand	830-7437	Supports two standard length (12") manifold extensions installed consecutively
AutoSwitch Floor Stand	830 7439	Supports AutoSwitch enclosure