



500 Series Distribution Systems

526 Series Switchover

The 526 Series Switchover is an automatic switchover system designed to supply a continuous supply of high purity, non-corrosive gas. The system comes with either flexible pigtails for use with two cylinders or manifold connectors for use with the Maniflex Modular Manifold System. Due to pressure differential considerations, an integral line regulator is available to maintain constant downstream pressure.



Ask About Our

EXTENDED
WARRANTY

On This CONCOA Product

Features

- 400 Series brass barstock regulators
Capsule® seat
- Metal-to-metal diaphragm seal
No possibility of gas contamination
- User-Friendly
One knob switches cylinder priority
- Check valves in pigtail inlet glands
Prevents contamination and back flow
- Compatible with Maniflex Manifolds
Multiple cylinders per side
- Optional Line Regulator
Stable line pressure during change over
- Optional Pressure Switches and Remote Alarm

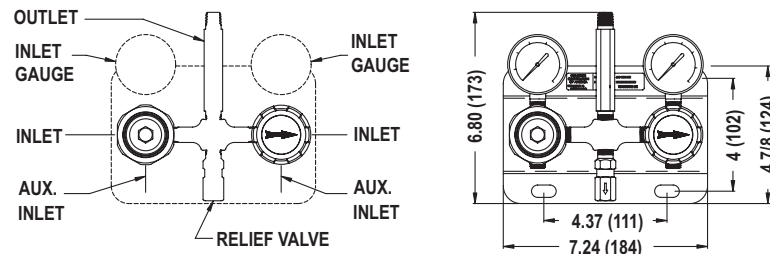
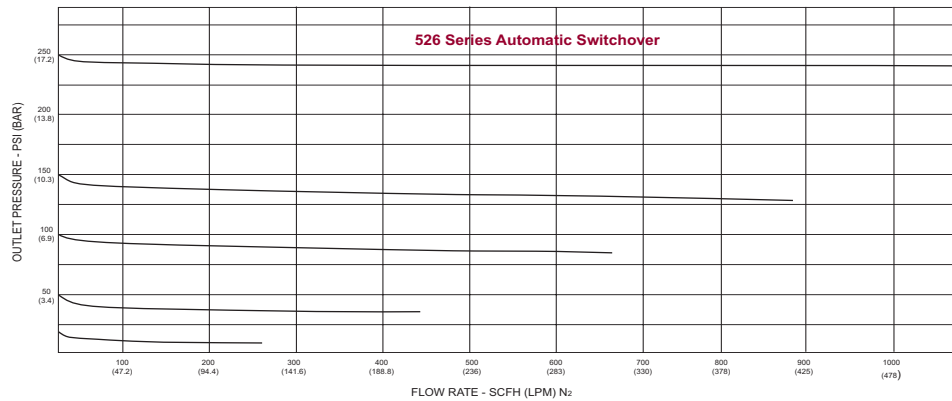
Materials

- Bodies*
Brass barstock
- Diaphragms*
316L stainless steel
- Seats*
PTFE
PCTFE with 4500 PSIG inlet
- Filters*
10 micron sintered bronze
- Internal Seals*
PTFE

Specifications

- Maximum Inlet Pressure*
3000 PSIG (210 BAR)
4500 PSIG (310 BAR) optional
- Temperature Range*
-40°F to 140°F (-40°C to 60°C)
- Gauges*
2" diameter brass
- Outlet Connection*
1/4" MPT (without line regulator)
1/4" FPT (with line regulator)
- Helium Leak Integrity*
1 x 10⁻⁸ scc/sec
- Cv*
0.1
- Weight*
8.25 lbs. (3.71 kg)

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| 526 | A | B | C | D | -CON |
|------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| Series 526 | Switching Pressure (Priority R/L) | Inlet Connection | Line Regulator | Assembly | Pigtail |
| | 1: 125/105 PSIG* | 0: 1/4" FPT Ports | 0: None | 1: 0-4000 PSI/kPa Gauges* No alarm capability | Please specify inlet connection (if applicable) |
| | 2: 70/50 PSIG* | 1: Flexible Stainless Steel Pigtails (36") | 1: 0-15 PSIG | 2: 0-4000 BAR/PSI Gauges* No alarm capability | |
| | 3: 100/75 PSIG | 2: Manifold Connectors* | 2: 0-50 PSIG | 3: 0-4000 BAR/PSI* with Pressure Switches† and 110V Remote Alarm | CGA DIN 477 BS 341 and others available |
| | 4: 200/170 PSIG | 3: Flexible Stainless Steel Pigtails (24") | 3: 0-100 PSIG | 4: 0-4000 BAR/PSI* with Pressure Switches† and 220V Remote Alarm | |
| | 5: 500/470 PSIG | 4: Diaphragm Valves with 1/4" FPT Port | 4: 0-250 PSIG | 5: 0-600 BAR/PSI Gauges No alarm capability | |
| | 7: 150/130 PSIG | 5: Diaphragm Valves with Pigtails (36") | 5: 0-400 PSIG | 6: 0-600 BAR/PSI with Pressure Switches† and 110V Remote Alarm | |
| | 8: 300/270 PSIG | 6: Diaphragm Valves with Manifold Connectors* | 7: 0-150 PSIG | 7: 0-600 BAR/PSI with Pressure Switches† and 220V Remote Alarm | |
| | *Not available with 4500 PSIG inlet | 7: Diaphragm Valves with Pigtails (24") | A: 0-15 PSIG Redline for Acetylene | 8: 0-4000 BAR/PSI* with Pressure Switches† and without Remote Alarm | |
| | NOTE: Switching pressure must be higher than line regulator pressure selected in column C. | 8: Flexible PTFE-lined Pigtails (36") (4500 PSIG maximum inlet pressure) | | 9: 0-600 BAR/PSI with Pressure Switch and Without Remote Alarm | |
| | | 9: 1/4" FPT Ports (4500 psig Maximum Inlet Pressure) | | *0-6000 PSI gauges with 4500 PSIG maximum inlet option | |
| | | A: Flexible Stainless Steel Pigtails (36") with Flashback Arrestor for Acetylene | | †Intrinsic safety barriers are required for flammable gas service or for use in hazardous environments. | |
| | | B: Flexible Stainless Steel Pigtails (36") with Flashback Arrestor for Acetylene and with Diaphragm Valve | | | |
| | | * See page 32 and 33 for manifold ordering information | | | |