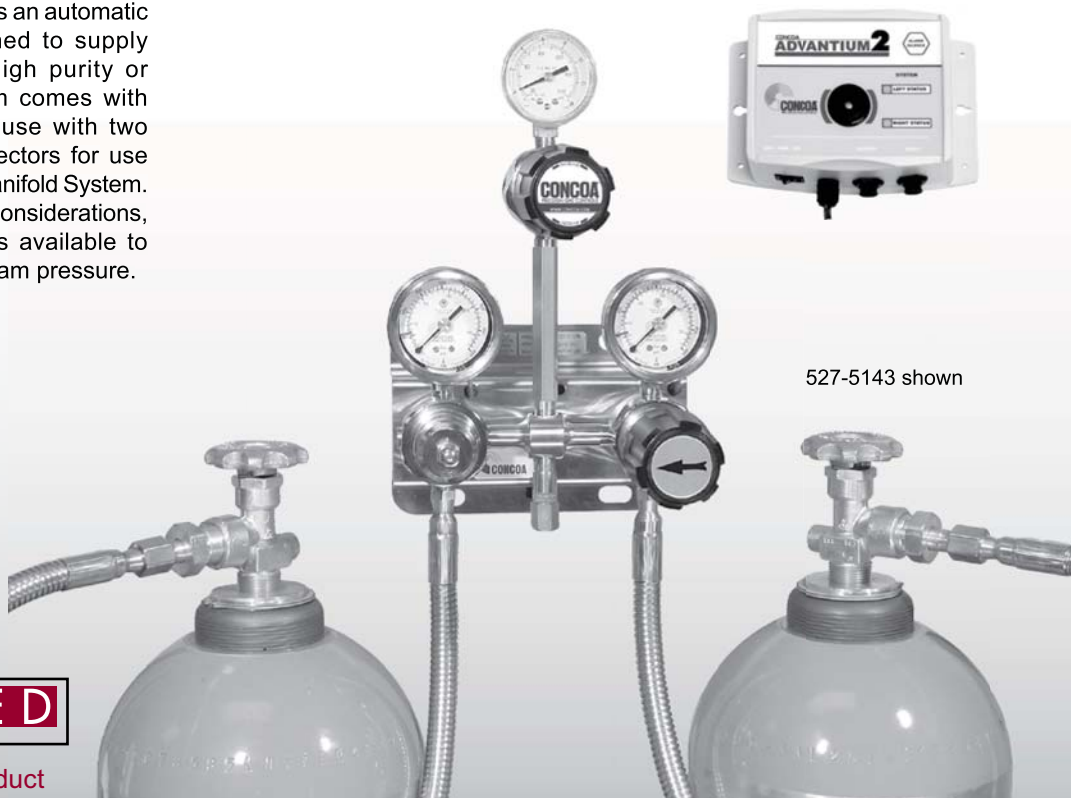




500 Series Distribution Systems

527 Series Switchover

The 527 Series Switchover is an automatic switchover system designed to supply a continuous supply of high purity or 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 stainless steel regulators
Capsule® seat
- Metal-to-metal diaphragm seal
No possibility of gas contamination
- User-Friendly Priority Valve
One knob switches cylinder priority
- Check valves in inlet gland
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

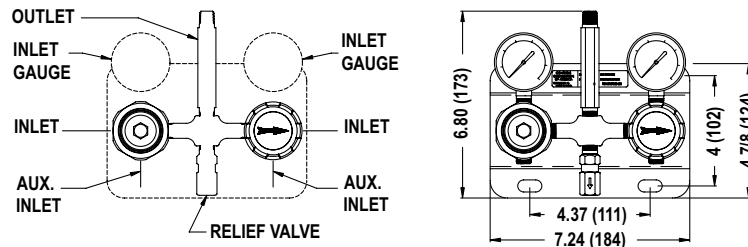
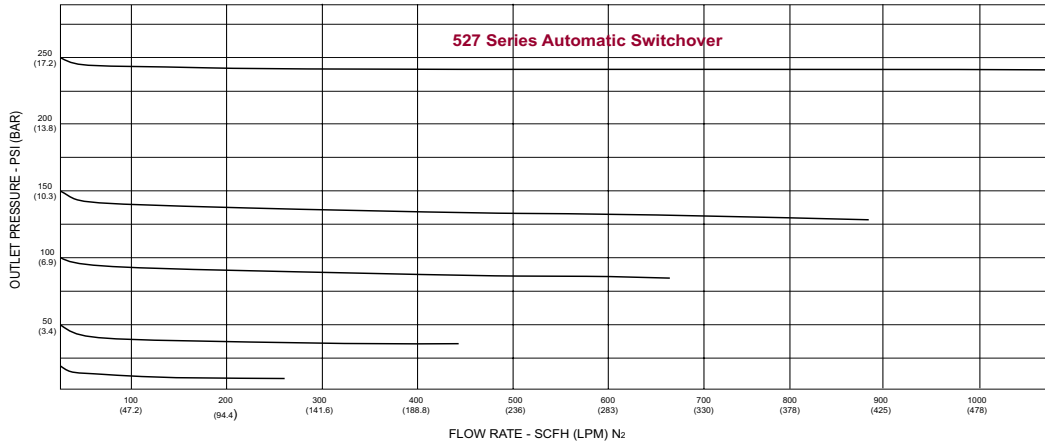
Materials

- Bodies
316L stainless steel barstock
- Diaphragms
316L stainless steel
- Seats
PTFE
PCTFE with 4500 PSIG inlet
- Filters
10 micron patented stainless steel mesh
- 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 stainless steel
- Outlet Connection
¼" MPT (without line regulator)
¼" FPT (with line regulator)
- Helium Leak Integrity
1 x 10⁻⁸ scc/sec
- Cv
0.1
- Weight
8.25 lbs. (3.71 kg)

500 Series Distribution Systems



527 Series 527	A	B	C	D	-CON
	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	CGA DIN 477 BS 341 and others available
	3: 100/75 PSIG	2: Manifold Connectors*	2: 0-50 PSIG	3: 0-4000 BAR/PSI* with Pressure Switches† and 110V Remote Alarm	
	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")		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 pages 32 and 33 for manifold ordering information			