

Switchover

The 530 Series Switchover is an automatic switchover system ideal for use in aerospace or parts cycle testing or process and pilot plant pneumatic control where uninterrupted supply of non-corrosive, non-oxidizing gas is required at high pressure. The system comes with options for multiple inlet configurations and can deliver substantial flows with stable line pressure up to 3500 PSIG. Ideal for use with Nitrogen, Helium, Argon, or Hydrogen where cylinder fill pressures can be as high as 6000 PSIG. At higher line pressure unit will leave sufficient residual in cylinders in order to achieve those pressures.



Typical Applications

- High delivery pressure gas systems
- Aerospace cycle testing
- Component Helium leak testing
- Combustion research laboratories
- Synfuel research and process plants
- High pressure Hydrogen
- High pressure Air systems
- Plant pneumatic valve supply

Ask About Our

**EXTENDED
WARRANTY**

On This CONCOA Product

Features

492 Series Brass Barstock Regulators
Safely controls inlet pressures to 6000 PSIG

User-Friendly

One knob switches cylinder priority

Check Valves in Hose Inlet Glands

Prevents contamination and back flow

Line Regulator

Stable line pressure up to 3500 PSIG during change over

Capsule® Seat

Increased serviceability and life

Optional Remote Alarm

Easy integration with Advantium system

Materials

Bodies

Chrome-plated brass barstock

Cartridges

Brass Barstock

Seats

Arlon® (PEEK) switchover regulator
PCTFE line regulator

Filters

10 micron sintered bronze

Internal Seals

Viton®

Weight

22.5 lbs. (10.2 kg)

Not for O₂, N₂O, or CO₂

Specifications

Inlet Pressures Available

3000 PSIG (207 BAR)

4500 PSIG (310 BAR)

6000 PSIG (414 BAR)

Temperature Range

-40°F to 140°F (-40°C to 60°C)

Gauges

2 1/2" diameter chrome-plated brass
(non-pressure switch models)

2 1/2" diameter stainless steel
(pressure switch models)

Outlet Connection

1/4" compression tube fitting

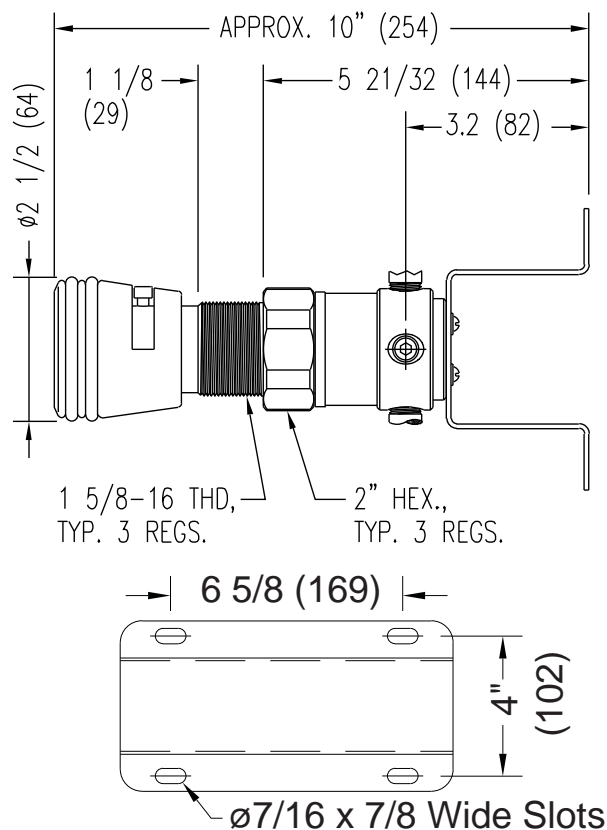
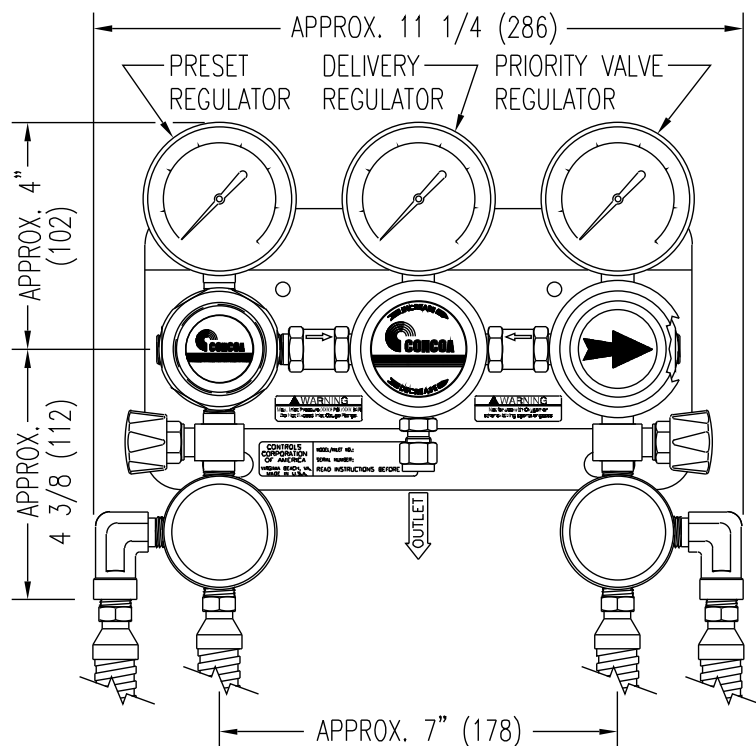
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500 Series Distribution Systems



Installation Information



Ordering Information

530	A	B	C	D	-CON
Series 530	Delivery Pressure	Inlet Pressure (Inlet Gauges)	Inlet Connection	Assembly/Gauges	Hose
	1: 1000 PSIG	1: 3000 PSIG (4000 PSIG/280 BAR)	0: 1/4" FPT port	2: PSIG/BAR gauges no alarm capability	Please specify inlet connection (if applicable)
	2: 1500 PSIG	2: 4500 PSIG (6000 PSIG/414 BAR)	1: Two needle valves with two 36" flexible hoses (one station per side)	3: PSIG/BAR gauges with pressure switches† and 110V remote alarm	CGA
	3: 2500 PSIG	3: 6000 PSIG (10,000 PSIG/700 BAR)	2: Two needle valves with four 36" flexible hoses (two stations per side)	4: PSIG/BAR gauges with pressure switches† and 220V remote alarm	DIN 477
	4: 3500 PSIG		3: Manifold connectors (3000 PSIG inlet only)*	†Intrinsic safety barriers are required for flammable gas service or for use in hazardous environments.	BS 341 and others available
			* See pages 36-37 for manifold ordering information		Not for use in O ₂ , CO ₂ or N ₂ O.