

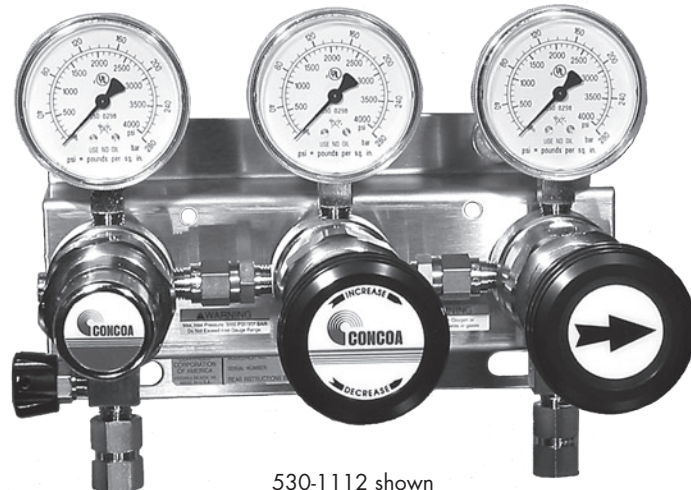
# 530 Series Switchover

CRN OH 5216.5C

*High Pressure  
Automatic  
Switchover System*

*Chrome-Plated  
Brass Components*

The 530 Series Switchover is an automatic switchover system designed to deliver a continuous supply of high pressure non-corrosive, non-oxidizing gas at flows up to 4000 SCFH. The system comes either with flexible pigtailed for use with one or two cylinders per side, or with 1/4" Female NPT connection. A shut-off valve is standard to isolate the depleted bank during cylinder change. A line regulator is also standard to control downstream pressure regardless of bank priority. An alarm system is available to notify the user when a bank is depleted.



530-1112 shown



## Features

- *492 Series brass barstock regulators*  
Safely controls inlet pressures to 6000 PSIG
- *User-Friendly*  
One knob switches cylinder priority
- *Check valves in pigtail 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*

## 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)

## 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*  
2½" diameter chrome-plated brass (non-pressure switch models)  
2½" diameter stainless steel (pressure switch models)

*Outlet Connection*  
¼" tube fitting

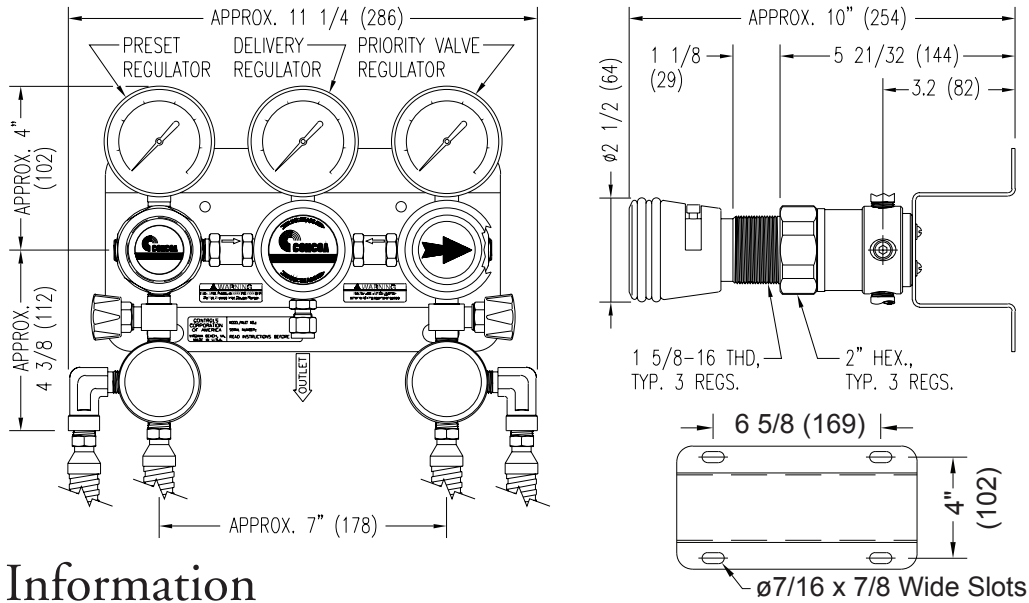
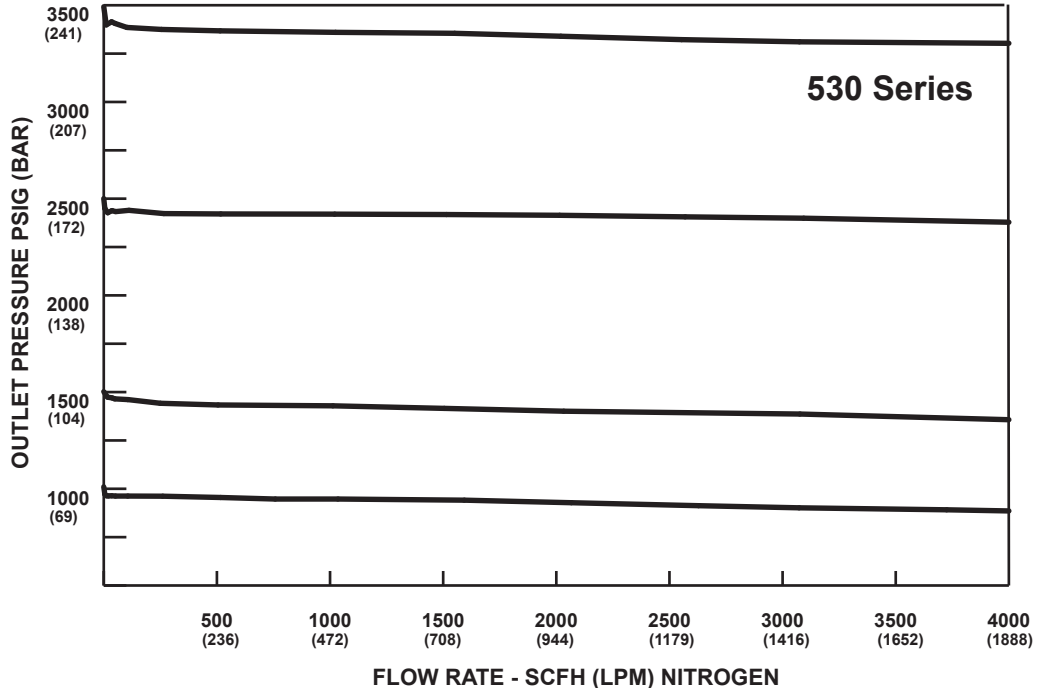
*Cv*  
0.1

Not for O<sub>2</sub>, N<sub>2</sub>O, or CO<sub>2</sub>

Controls Corporation of America, Inc.

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# Flow Performance Curves



## Ordering Information

530-	A	B	C	D	-CON
Series 530	<b>Delivery Pressure</b> 1: 1000 PSIG 2: 1500 PSIG 3: 2500 PSIG 4: 3500 PSIG	<b>Inlet Pressure (Inlet Gauges)</b> 1: 3000 PSIG (4000 PSIG/280 BAR) 2: 4500 PSIG (6000 PSIG/414 BAR) 3: 6000 PSIG (10,000 PSIG/700 BAR)	<b>Inlet Connection</b> 0: 1/4" FPT Port 1: Two Diaphragm Valves with Two 36" Flexible Pigtails (One Station per Side) 2: Two Diaphragm Valves with Four 36" Flexible Pigtails (Two Stations per Side) 3: Manifold Connectors (3000 psig inlet only)	<b>Assembly/Gauges</b> 2: PSIG/BAR Gauges No alarm capability 3: PSIG/BAR Gauges with Pressure Switches† and 110V Remote Alarm 4: PSIG/BAR Gauges with Pressure Switches† and 220V Remote Alarm  †Intrinsic safety barriers are required for flammable gas service or for use in hazardous environments.	<b>Pigtail</b> Please specify inlet connection (if applicable)  CGA DIN 477 BS 341 and others available  Not for use in O <sub>2</sub> , CO <sub>2</sub> or N <sub>2</sub> O.

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