

529 SERIES PROTOCOL STATION



The 529 Series Protocol Station is designed for the convenient wall mounting of any CONCOA high purity regulator. Fixed mounting of a regulator improves safety and efficiency by eliminating the need to handle regulators during cylinder changeovers. It also minimizes the risk of damage by preventing the regulator from vibrating or shifting during operation. The 529 Series Protocol Station is available in brass, chrome-plated brass, 316 stainless steel, and SilcoNert 2000 coated construction, as specified by the regulator series. The 529 Protocol Station comes complete with a 3ft (900mm) stainless steel flexible hose with armor casing and an integral check valve to prevent contaminants from entering the gas stream during cylinder changes. To order the 529 Series Protocol Station with any regulator installed at the factory, add the letter "M" after any regulator part number. For example, to order a 422 1331-01-580 with a factory-installed protocol station wall mount, the order number would be 422 1331-01-580M.



5290133 shown with regulator (sold separately)

Typical Applications

- Inductively Coupled Plasma
- Additive Manufacturing
- Modified Atmosphere Packaging
- Blood Gas Analysis
- Atomic Absorption

Features

Plugged Port in Gas Block facilitates purging

Integral Check Valve at Inlet eliminates internal contamination during cylinder change

Stainless Bracket Mount permits wall or portable mounting

Materials and Specifications

Protocol Tee: Brass, chrome-plated brass; 316L stainless steel barstock; or SilcoNert® 2000

Inlet Connection: 316L stainless steel or brass barstock

Flexible Hoses (inner core): 316L stainless steel; PTFE for 6000 PSIG (415 BAR); Monel® for oxygen service; or SilcoNert 2000

Temperature Range: -40°F to 140°F (-40°C to 60°C)

Check Valve Seal: FKM; chloroprene for ammonia

Bracket: 304 stainless steel

Weight (single stage): 3.1 lbs (1.4 kg)

Weight (dual stage): 3.5 lbs (1.6 kg)

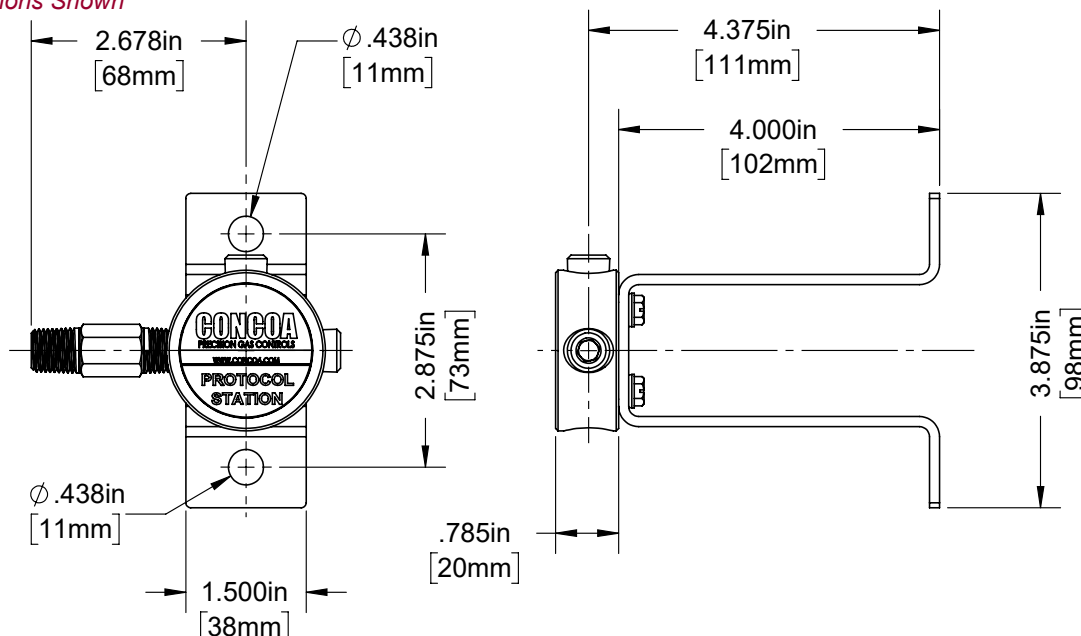
Conformances: ANSI/ASME B40.1; CRN OA20418.5

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Installation Dimensions

529 0101 Dimensions Shown



Ordering Information

Part Number*	Description	Max Inlet Pressure
529 0101-CON	Protocol station for single stage brass regulators	3500 PSIG (240 BAR)
529 0102-CON	Protocol station for single stage chrome-plated brass regulators	3500 PSIG (240 BAR)
529 0103-CON	Protocol station for single stage 316L stainless steel regulators	3500 PSIG (240 BAR)
529 0104-CON	Protocol station for dual stage brass regulators	3500 PSIG (240 BAR)
529 0105-CON	Protocol station for dual stage chrome-plated brass regulators	3500 PSIG (240 BAR)
529 0106-CON	Protocol station for dual stage 316L stainless steel regulators	3500 PSIG (240 BAR)
529 0121-CON	Protocol station for single stage brass regulators	4500 PSIG (240 BAR)
529 0122-CON	Protocol station for single stage chrome-plated brass regulators	4500 PSIG (310 BAR)
529 0123-CON	Protocol station for single stage 316L stainless steel regulators	4500 PSIG (310 BAR)
529 0124-CON	Protocol station for dual stage brass regulators	4500 PSIG (310 BAR)
529 0125-CON	Protocol station for dual stage chrome-plated regulators	4500 PSIG (310 BAR)
529 0126-CON	Protocol station for dual stage 316L stainless steel regulators	4500 PSIG (310 BAR)
529 0133-CON	Protocol station for single stage regulators	6000 PSIG (415 BAR)
529 0134-CON	Protocol station for dual stage 316L stainless steel regulators	6000 PSIG (415 BAR)
529 0400-CON	Protocol station for single stage SilcoNert 2000 regulators	3000 PSIG (210 BAR)
529 0401-CON	Protocol station for dual stage SilcoNert 2000 regulators	3000 PSIG (210 BAR)

*Replace CON in Part Number with Appropriate Cylinder Connection (e.g., for CON 580, Part Number = 5290101-01-580)