

529 SERIES PROTOCOL STATION



The 529 Series Protocol Station is designed for the convenient wall mounting of any CONCOA high purity regulator. Wall mounting of a regulator provides ease of use, prevents regulator damage, and improves safety. The 529 Series Protocol Station is available in bare brass, chrome-plated brass, 316 stainless steel construction, as specified by the regulator series. This option comes complete with a 3 ft (900mm) stainless steel flexible hose with armor casing. To order the 529 Series Protocol Station with any regulator installed at the factory, add the letter "M" after any regulator part number (e.g., to order a 422 1331-01-580 with a factory-installed protocol station wall mount, the order number would be 422 1331-01-580M).



529 0126 shown with regulator (sold separately)

Typical Applications

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

Features

Plugged Port in Gas Block facilitates purging

Integral Check Valve at Inlet (in optional hose) 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; Monel® for oxygen service; PTFE for 6000 PSIG (415 BAR); 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)

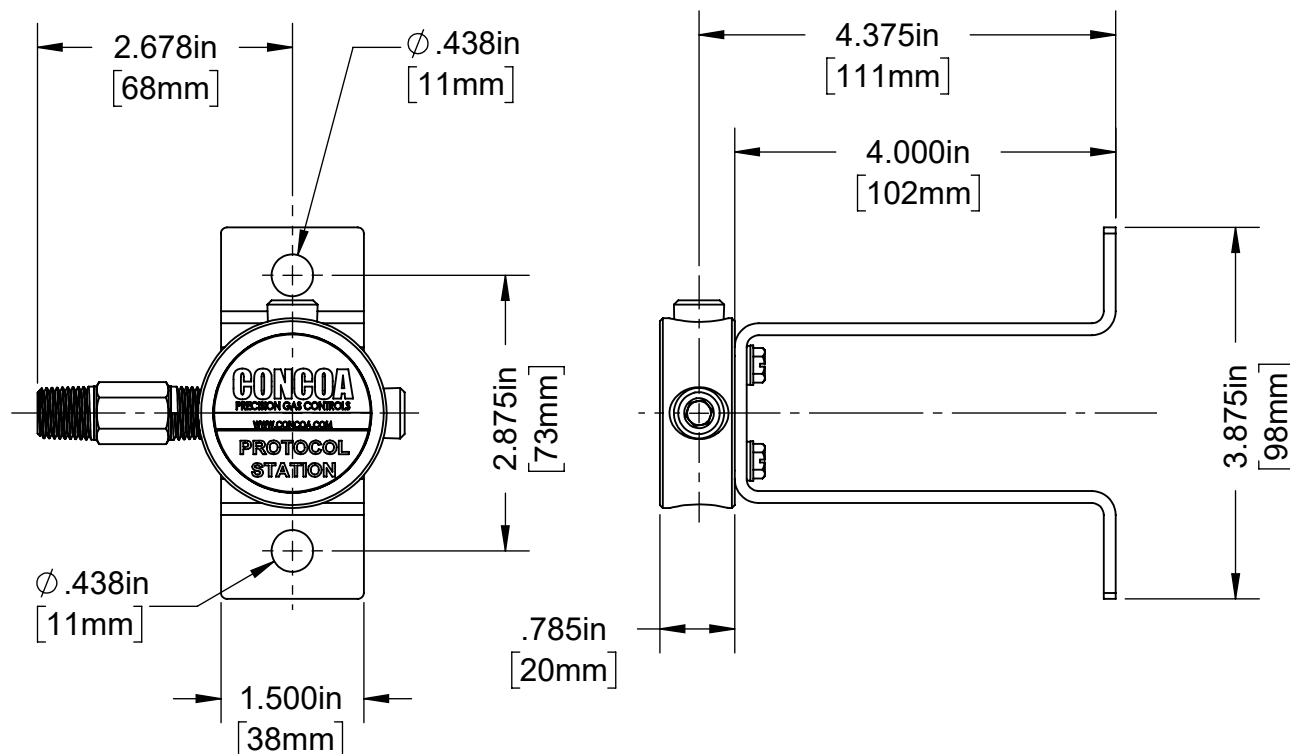
Weight (dual stage): 3.5 lbs (1.6 kg)

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 (310 BAR)
529 0122-CON	Protocol station for single stage chrome-plated 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 316L stainless steel 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	3500 PSIG (240 BAR)
529 0401-CON	Protocol station for dual stage SilcoNert 2000 regulators	3500 PSIG (240 BAR)

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