



# 500 Series Distribution Systems

# 529

## Protocol Purge Station

The 529 Series Protocol Purge Station combines all the safety and convenience of a standard Protocol Station with a feature to purge the hose and inlet side of the regulator. The Protocol Purge Station allows isolation of the regulator inlet and is equipped with a purge valve at the 12 o'clock position on the mounting block with a 1/4" stainless steel Tube fitting to safely pipe away the process gas during purging, if required. This station comes complete with mounting block and bracket, two 533 Series diaphragm valves and 3-foot all stainless steel hoses with armor casing. Available in brass, chrome-plated brass, or 316L stainless steel.



529 0176 shown with regulator (sold separately)

Ask About Our

**EXTENDED**  
WARRANTY

On This CONCOA Product

### Features

**Regulator Isolation Valve**

Isolates regulator inlet during purging process

**Purge Valve with 1/4" Compression Tube Fitting**

Allows complete and safe purging of the inlet

**Integral Check Valve at Inlet of Hose**

Minimizes purging during cylinder change

**Bracket Mounts**

Attaches conveniently to any surface

**Connections**

CGA, DIN 477, BS 341 and others available

### Materials

**Protocol Tee**

Brass, chrome-plated brass or 316L stainless steel barstock

**Flexible Hoses**

316L stainless steel inner core  
Monel® inner core for oxygen service

**Inlet Connection**

316L stainless steel or brass barstock

**Check Valve "O" Ring**

Viton® (or neoprene for ammonia)

**Bracket**

304 stainless steel

### Specifications

**Maximum Inlet Pressure**

3000 PSIG (210 BAR)

**Temperature Range**

-40°F to 140°F (-40°C to 60°C)

**Weight (Single Stage)**

3.6 lbs. (1.4 kg)

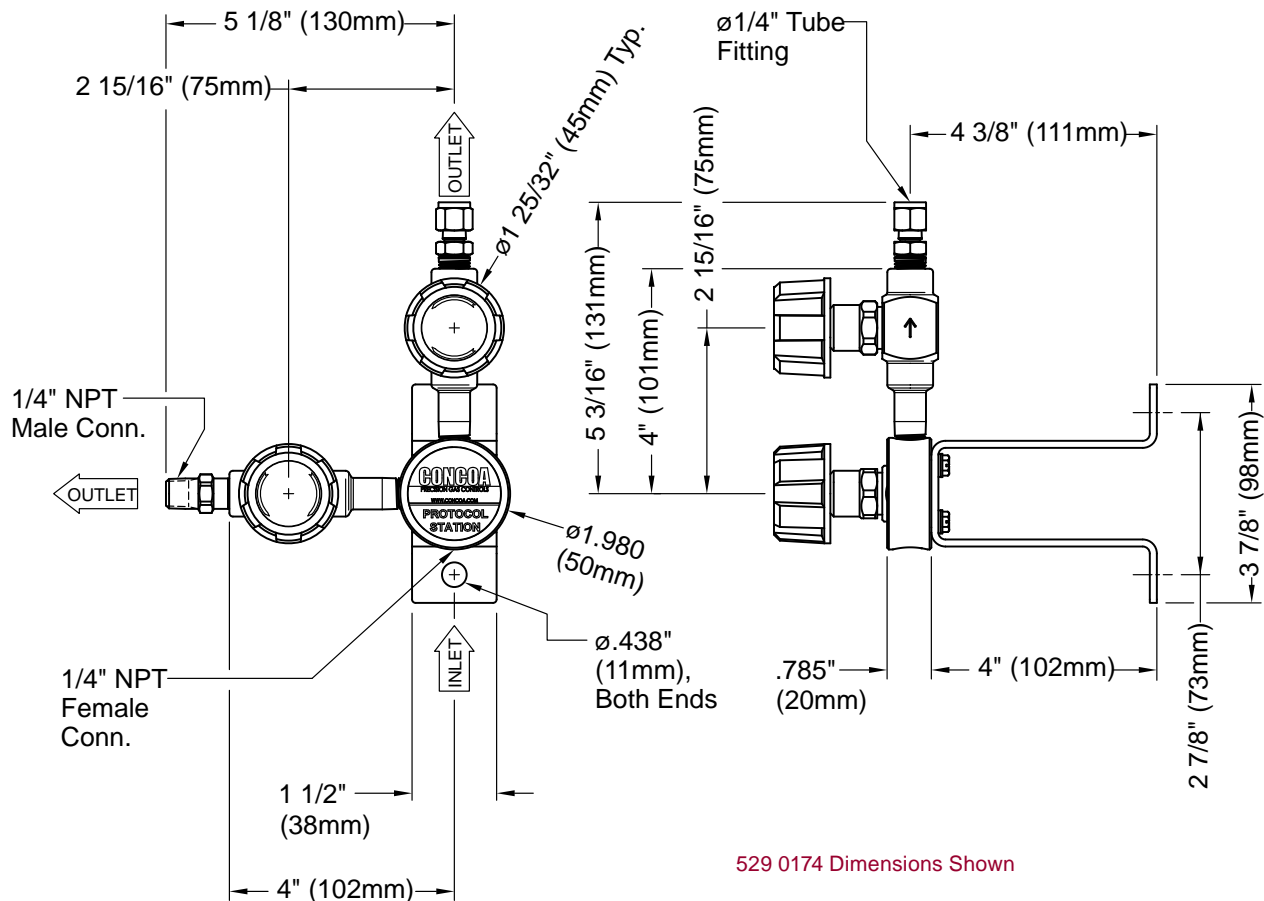
**Weight (Dual Stage)**

4.0 lbs. (1.6 kg)

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## Installation Dimensions



## Ordering Information

Order Number	Description
Add letter "Q" after any regulator order number.	For example, to order a 422 1331-580 with a protocol purge station, the order number would be 422 1331-580Q
<b>To order separately:</b>	
529 0171-CON	Protocol purge station for single stage brass regulators with max inlet 3000 PSIG (4000 PSIG gauge)
529 0172-CON	Protocol purge station for single stage chrome-plated brass regulators with max inlet 3000 PSIG (4000 PSIG gauge)
529 0173-CON	Protocol purge station for single stage 316L stainless steel regulators with max inlet 3000 PSIG (4000 PSIG gauge)
529 0174-CON	Protocol purge station for dual stage brass regulators with max inlet 3000 PSIG (4000 PSIG gauge)
529 0175-CON	Protocol purge station for dual stage chrome-plated brass regulators with max inlet 3000 PSIG (4000 PSIG gauge)
529 0176-CON	Protocol purge station for dual stage 316L stainless steel regulators with max inlet 3000 PSIG (4000 PSIG gauge)