

529 Series Protocol Alarm Station

CRN OH 5216.5C

The 529 Series Protocol Alarm Station combines the safety and features of a standard Protocol Station with the added security of a remote alarm system. The Protocol Alarm Station will provide an audible/visible warning when a cylinder is nearly depleted. The system comes complete with Protocol Station, 3-foot all stainless steel pigtail with armor casing, pressure switch gauge and remote alarm. The Protocol Alarm Station may be ordered separately or attached to any CONCOA high purity regulator.



529-1133 shown
Regulator, valve and
cable assembly sold
separately.

Features

- *Plugged port in gas block*
Facilitates purging
- *Integral check valve at inlet*
No internal contamination during cylinder change
- *Bracket mounts*
Attaches conveniently to any surface
- *Pressure Switch Gauge*
Provides visible warning of cylinder depletion
- *Remote Alarm*
Provides audible and visible warning of cylinder depletion
- *Connections*
CGA, DIN, BS Available

Materials

- Protocol Tee*
Brass, chrome-plated brass, or 316 SS barstock
- Flexible Pigtails (see page 129 for specifications)*
316 stainless steel barstock
Monel innercore for oxygen service
PTFE innercore for 6000 PSIG
- Inlet Connection*
316 stainless steel or brass barstock
- Check Valve "O" Ring*
Viton®
- Bracket*
304 Stainless Steel

Specifications

- Maximum Inlet Pressure*
3000 PSIG (210 BAR)
4500 PSIG (310 BAR) optional
6000 PSIG (415 BAR) optional
- Temperature Range*
-40°F to 140°F (-40°C to 60°C)
- Weight (Single Stage)*
3.6 lbs. (1.6 kg)
- Weight (Dual Stage)*
4.0 lbs. (1.8 kg)
- Intrinsic Safety Barriers*
Required for flammable gas service or for use in hazardous environments

Ordering Information

Stock Number	Description
Add letter "A" after any regulator stock number Add letter "B" after any regulator stock number To order separately:	For example, to order a 422-1331-580 with a 110V Protocol Alarm Station, the stock number would be 422-1331-580A For example, to order a 422-1331-580 with a 220V Protocol Alarm Station, the stock number would be 422-1331-580B
529-1095-CON	110V Protocol Alarm Station for brass regulators with max inlet 400 PSIG (600 PSIG Gauge)
529-1096-CON	110V Protocol Alarm Station for chrome-plated brass regulators with max inlet 400 PSIG (600 PSIG Gauge)
529-1097-CON	110V Protocol Alarm Station for 316L stainless steel regulators with max inlet 400 PSIG (600 PSIG Gauge)
529-1101-CON	110V Protocol Alarm Station for brass regulators with max inlet 3,000 PSIG (4,000 PSIG Gauge)
529-1102-CON	110V Protocol Alarm Station for chrome-plated brass regulators with max inlet 3,000 PSIG (4,000 PSIG Gauge)
529-1103-CON	110V Protocol Alarm Station for 316L stainless steel regulators with max inlet 3,000 PSIG (4,000 PSIG Gauge)
529-1121-CON	110V Protocol Alarm Station for brass regulators with max inlet 4,500 PSIG (6,000 PSIG Gauge)
529-1122-CON	110V Protocol Alarm Station for chrome-plated brass regulators with max inlet 4,500 PSIG (6,000 PSIG Gauge)
529-1123-CON	110V Protocol Alarm Station for 316L stainless steel regulators with max inlet 4,500 PSIG (6,000 PSIG Gauge)
529-1133-CON	110V Protocol Alarm Station for 316L stainless steel regulators with max inlet 6,000 PSIG (10,000 PSIG Gauge)
	Contact CONCOA for 220V Protocol Alarm Station

Controls Corporation of America, Inc.

1501 Harpers Road • Virginia Beach, Virginia 23454 USA • 1.800.225.0473 • Fax: 757.422.3125 • www.concoa.com