

Series 917 Protocol Stations

The 917 protocol station is designed to provide a convenient way to mount virtually any pressure regulator that has a CGA connection or 1/4" NPT female inlet. The wall mounting of a regulator makes changing cylinders safer and hassle-free, while protecting the regulator from damage during the changing process because the operator handles only the flexible pigtail.

The 917 series is available in brass or 316 stainless steel in both single cylinder and double cylinder configurations. Pressure regulators are connected to the system with regular CGA cylinder connections rather than being rigidly mounted; this mounting system provides the virtual universality of the 917 and makes changing a regulator easy

should it need to be replaced for any reason. A pressure switch alarm option is available to alert users that the cylinder in use is approaching empty. When check valves are selected they are integral with the CGA connection to the cylinder. All models are rated for 3000 psig operating pressure.

The 917H protocol station is designed for use with helium and hydrogen and mixtures containing them. This model maintains the economy of the brass unit, but replaces the Teflon-lined pigtail with an all stainless steel pigtail to eliminate the diffusion of these small molecule gases through the Teflon lining.

How to Order:

Model Number*	Description
917B-2-CGA	protocol station w/brass fittings and 2' pigtail
917B-3-CGA	protocol station w/brass fittings and 3' pigtail
917B-2-CV-CGA	protocol station w/brass fittings, 2' pigtail w/check valve
917B-3-CV-CGA	protocol station w/brass fittings, 3' pigtail w/check valve
917BV-2-CGA	protocol station w/brass fittings, isolation valve, and 2' pigtail
917BV-3-CGA	protocol station w/brass fittings, isolation valve, and 3' pigtail
917BV-2-CV-CGA	protocol station w/brass fittings, isolation valve, and 2' pigtail w/ check valve
917BV-3-CV-CGA	protocol station w/brass fittings, isolation valve, and 3' pigtail w/ check valve
917H-2-CGA	protocol station w/brass fittings and 2' stainless steel pigtail
917H-3-CGA	protocol station w/brass fittings and 3' stainless steel pigtail
917H-2-CV-CGA	protocol station w/brass fittings, 2' stainless steel pigtail w/check valve
917H-3-CV-CGA	protocol station w/brass fittings, 3' stainless steel pigtail w/check valve
917HV-2-CGA	protocol station w/brass fittings, isolation valve, and 2' stainless steel pigtail
917HV-3-CGA	protocol station w/brass fittings, isolation valve, and 3' stainless steel pigtail
917HV-2-CV-CGA	protocol station w/brass fittings, isolation valve, and 2' stainless steel pigtail w/ check valve
917HV-3-CV-CGA	protocol station w/brass fittings, isolation valve, and 3' stainless steel pigtail w/ check valve
917S-2-CGA	protocol station w/stainless steel fittings and 2' pigtail
917S-3-CGA	protocol station w/stainless steel fittings and 3' pigtail
917S-2-CV-CGA	protocol station w/stainless steel fittings, 2' pigtail w/check valve
917S-3-CV-CGA	protocol station w/stainless steel fittings, 3' pigtail w/check valve
917SV-2-CGA	protocol station w/stainless steel fittings, isolation valve, and 2' pigtail
917SV-3-CGA	protocol station w/stainless steel fittings, isolation valve, and 3' pigtail
917SV-2-CV-CGA	protocol station w/stainless steel fittings, isolation valve, and 2' pigtail w/ check valve
917SV-3-CV-CGA	protocol station w/stainless steel fittings, isolation valve, and 3' pigtail w/ check valve
Options	
4610-P4FF	brass tee purge assembly
4620-P4FF	stainless steel tee purge assembly

*Specify CGA connection when ordering. For dual cylinder units add prefix "D" to the model number, i.e. D917S-2-CV-660

Regulator is not included and should be ordered separately.

Materials of Construction

917B

BracketStainless Steel
 Manifold BlockBrass
 Flexible Hose Teflon-Lined w/SS Braid
 CGA Connections Brass
 Check Valves Brass with Buna-N Seals
 Valves Brass Diaphragm Type

917H

BracketStainless Steel
 Manifold BlockBrass
 Flexible Hose All Stainless Steel
 CGA Connections Brass
 Check Valves Brass with Buna-N Seals
 Valves Brass Diaphragm Type

917S

BracketStainless Steel
 Manifold BlockStainless Steel
 Flexible Hose All Stainless Steel
 CGA Connections Stainless Steel
 Check Valves SS with Viton Seals
 Valves SS Diaphragm Type

