

HIGH PURITY SEMI-AUTOMATIC CHANGEOVER MANIFOLD Series 913

DESCRIPTION

The 913 Series is an upscale version of the 914 Series semi-automatic changeover manifold. Like the 914 it is constructed of high purity components and is suitable for use in both high purity and general purpose applications. Using pressure differential to change from the empty supply side of the changeover, to the full supply side of the changeover these manifolds can provide an uninterrupted supply of gas to your instrumentation or process. Units are available in both brass and stainless steel construction.

The units are housed in a NEMA4X box and are suitable for both indoor and outdoor installations. The box houses the gas controls, electronic control module, a pre-set safety relief valve with vent port with a 1/4" NPT female outlet connection. Status lights on the front provide for easy monitoring of gas supplies to the application (Green for full and Red for empty). The outlet connection is 1/2" NPT female. A 110 VAC power cord is provided. The package is completed with a set of two 3' stainless steel inner core flexible hose pigtailed with check valves installed in the CGA cylinder connections.

Remote alarm functionality requires the specially designed 913-AVA alarm module powered by the base unit. The 913 or the 913-AVA will not work with any other alarm system.

SPECIFICATIONS

Max. inlet pressure	3000 psig
Inlet ports	1/4" NPT female*
C _v	0.08 standard (0.2 optional)
Operating temperature	-40° to +165°F
Weight	28 lbs.

* When unit is ordered with accompanying pigtailed the inlet connections will be the mating CGA connection of the pigtail.



HOW TO ORDER

Model	Description
Brass Units	
913-1-25-CGA*	Brass construction, 0-25 psig delivery pressure range, two stainless steel 3' flexible hose pigtailed with brass CGA connections having integral check valves
913-1-50-CGA*	Brass construction, 0-50 psig delivery pressure range, two stainless steel 3' flexible hose pigtailed with brass CGA connections having integral check valves
913-1-100-CGA*	Brass construction, 0-100 psig delivery pressure range, two stainless steel 3' flexible hose pigtailed with brass CGA connections having integral check valves
913-1-150-CGA*	Brass construction, 0-150 psig delivery pressure range, two stainless steel 3' flexible hose pigtailed with brass CGA connections having integral check valves
Stainless Steel Units	
913-2-25-CGA*	Stainless steel construction, 0-25 psig delivery pressure range, two stainless steel 3' flexible hose pigtailed with stainless steel CGA connections having integral check valves
913-2-50-CGA*	Stainless steel construction, 0-50 psig delivery pressure range, two stainless steel 3' flexible hose pigtailed with stainless steel CGA connections having integral check valves
913-2-100-CGA*	Stainless steel construction, 0-100 psig delivery pressure range, two stainless steel 3' flexible hose pigtailed with stainless steel CGA connections having integral check valves
913-2-150-CGA*	Stainless steel construction, 0-150 psig delivery pressure range, two stainless steel 3' flexible hose pigtailed with stainless steel CGA connections having integral check valves
Options	
913-AVA	Alarm module

*Specify CGA cylinder connection required when ordering.