

ECONOMICAL HIGH PURITY SEMI-AUTOMATIC CHANGEOVER MANIFOLD

Series 916 HF (High Flow) and 916 HP (High Pressure)

The 916 HF and HP Series semi-automatic changeover manifold provides a low cost solution for providing an uninterrupted gas supply to your process. Available in brass, the 916 Series offers the convenience of a simple flip knob to readjust pressures after a changeover and a line regulator to ensure a constant delivery pressure to your system.

A pressure switch alarm assembly is available to notify the user that a changeover has taken place, the manifold needs to be set to switch the other way, and the empty cylinders should be changed.

The system can simply be used with one pigtail on each side, or connected to larger manifolds such as those shown on pages 59 and 60. Pigtails and/or manifolds sections are ordered separately.

SPECIFICATIONS

Max. Operating Press.	3000 psig
Inlet and outlet ports:	916 HF 1/2" NPT female 916 HP 1/4" NPT female*
Operating Temperature:	-40°F to +165°F
Flow coefficient Cv	for HP 0.08 for HF 0.55

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



916 HF



916 HP

HOW TO ORDER

Model	Description
HP Brass Central Control Section (Control section only – no pigtails)	

916HP-1-500	line regulator delivery range 0-500 psig
916HP-1-750	line regulator delivery range 0-750 psig
916HP-1-1000	line regulator delivery range 0-1000 psig
916HP-1-1500	line regulator delivery range 0-1500 psig

HF Brass Central Control Section (Control section only – no pigtails)	
916HF-1-050	line regulator delivery range 0-50 psig
916HF-1-125	line regulator delivery range 0-125 psig
916HF-1-250	line regulator delivery range 0-250 psig
916HF-1-350	line regulator delivery range 0-350 psig

Options	
916-3B	brass pressure switch alarm assembly (one each side)
916-3BEX	brass pressure switch alarm assembly for flammable gases (one each side)
914-AVA	audio/visual alarm module

Pigtails for Brass Manifolds	
916-FP601-Y-CGA*	flexible Teflon-lined stainless steel braided pigtail with brass fittings and no check valve
916-FP601-Y-CV-CGA*	flexible Teflon-lined stainless steel braided pigtail with brass fittings and check valve
916-FPB604-Y-CGA*	flexible all stainless steel braided pigtail with brass fittings and no check valve
916-FPB604-Y-CV-CGA*	flexible all stainless steel braided pigtail with brass fittings and check valve

*Specify CGA connection when ordering.
Y = pigtail length in feet.



914 AVA