

MODEL 717

Acetylene Regulator



Model HP 717 is a uniquely designed regulator for acetylene applications. This regulator prevents overdrawing the acetylene cylinder where acetone or other solvents can be pulled into the gas stream and damage downstream equipment. The regulator shuts off the flow of gas when acetylene cylinder pressures become too low to support the process. Outlet needle valve for flow control comes with all units.

FEATURES:

- 316L stainless steel diaphragm eliminates contamination from diffusion or outgassing
- One piece encapsulated seat design includes a 10 micron sintered filter to protect the seat from particulate contamination
- 2" dual scale chrome plated brass gauges
- Outlet gauge is red zoned from 15 to 30 psi
- Front and rear panel mountable
- Shuts off gas flow from the cylinder at 85 psi to prevent solvents from contaminating the gas stream
- Typical application is Atomic Absorption

MATERIALS:

Body/Bonnet – Brass Barstock
Diaphragm – 316L Stainless Steel
Nozzle – Brass
Seat – PTFE Teflon®
Seals – PTFE Teflon®
Filter – Nickel-Plated Sintered Bronze - 10 Micron
Seat Return Spring – PH17 7 Stainless Steel
Adjusting Knob – ABS Plastic

ORDERING NO.	DELIVERY PRESSURE	CGA/INLET FITTING	OUTLET FITTING
3300017	15 PSI	510A	Needle Valve with 1/4" FNPT

Related options: Front Panel Mount Kit P/N 9100871

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