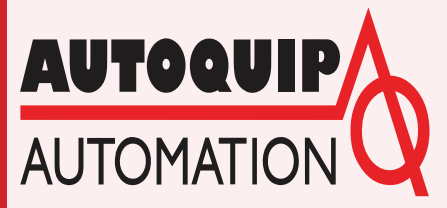


Fluid Regulator

#3286-00-00B (440 Seat)

#3286-02-00B (316 Seat)



The Autoquip Fluid Regulator is designed to provide extremely accurate fluid regulation for automatic coating applications. The Autoquip design has eliminated the spring from the fluid section which greatly reduces the amount of trapped resins, reducing flushing time and spent solvents during color change. Pilot signals can modulate the regulator's diaphragm to control the amount of paint being delivered from the regulator to the spray applicator. Manually operated or electronically controlled air pressure regulators can be utilized to control the pilot signal for pumps, tanks, or any size circulation system.

Standard Features

- Manual or automatic control
- Highly accurate pressure settings, consistent pressures maintained.
- Stainless steel and Teflon coated wetted parts for decreased color change time.
- No spring in the fluid path for added performance.
- Optional advanced mounting features on back of regulator for easy connection.
- Optional outlet fittings for removal of threads in fluid path.
- Standard high strength, wear resistant grade 440 stainless steel fluid and needle seat
- Compatible with abrasives, solvents and water borne materials
- 5cc of paint volume held within regulator



The following factors should be considered when selecting the regulator ratio required for proper fluid control:

- Fluid tubing inside diameter (ID) and length
- Fluid feed tube inside diameter (ID) and length
- Fluid viscosity
- Fluid input pressures

Technical Specifications

Environmental / Physical

Height: 1 - 11/16 (45mm)
Height w/ fittings: 2-1/2" (65mm)
Diameter: 2-3/4" (70mm)

Mechanical

Air Pressure: 100 psi maximum
Breaking Pressure: 12 psi minimum

Fluid Input: 100 psi (6.8 bar) maximum
(10 psi minimum output pressure)

Fluid Output: Demand Pressure

Pneumatic/Fluid Connections

Air Pilot: #10-32 Thread
Fluid In: 1/4" NPSM Thread
Fluid Out: 1/8" NPT (f) Thread

Orifices

3286-75-10A Fluid restriction (with .010 orifice)
3286-75-14A Fluid restriction (with .014 orifice)
3286-75-20A Fluid restriction (with .020 orifice)
3286-75-29A Fluid restriction (with .029 orifice)
3286-75-40A Fluid restriction (with .040 orifice)

Options

3286-52-01A Mounting Bracket
3286-52-02A Angle Mounting Bracket
3286-DV-00A Fluid Regulator Dump Valve Kit

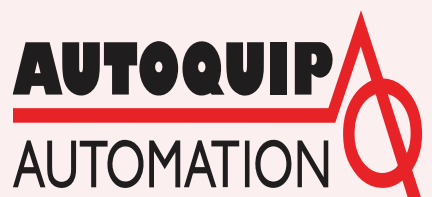
Spare Parts

3286-440-00A Fluid and needle seat rebuild kit
Hardened SS
3286-316-00A Fluid and needle seat SS
3286-50-00A Fluid regulator repair kit

Ordering Info

Please contact your AQ sales representative at 262-781-6133 for more info.

*If conditions change after installation that requires a different low flow ratio, replacing the fluid outlet tube or gun tip orifice can easily alter this regulation.



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