

Autoquip's solvent scrubber will operate with plant air and solvent which feeds directly into the valve's internal flow control. Output cleaning pressure is adjustable from the supplied manual air regulator and will internally adjust volume for desired cleaning effectiveness. This device can reduce solvent usage up to 40% over flushing with straight solvent.

Standard Features

- Greatly reduced solvent usage, which correlates to a reduction of waste
- Lower waste costs
- Cleaner spray equipment
- Reduces equipment repairs
- Improved faster color change
- Enhanced application quality and higher first pass yields
- Improved environmental audits

Technical Specifications

Environmental / Physical

Height: 1 - 11/16 (45mm)

Height w/ fittings: 2-1/2" (65mm)

Diameter: 2-3/4" (70mm)

Mechanical

Air Pressures: 100 psi maximum

Cracking Pressure: 12 psi minimum

Fluid Input: 100 psi (6.8 bar) maximum

Fluid Output: Demand Pressure

Pneumatic/Fluid Connections

Air Pilot: 1/4" NPT (F) Thread

Fluid In: 3/8 Tube Fitting

Fluid Out: 3/8 Tube Fitting

Regulator Pilot: 1/4" x 30 ft. OD Tube*

Scrubber Air Supply: 3/8" x 30 ft. OD Tube*

* Recommended tube length. Coil for visual inspection.



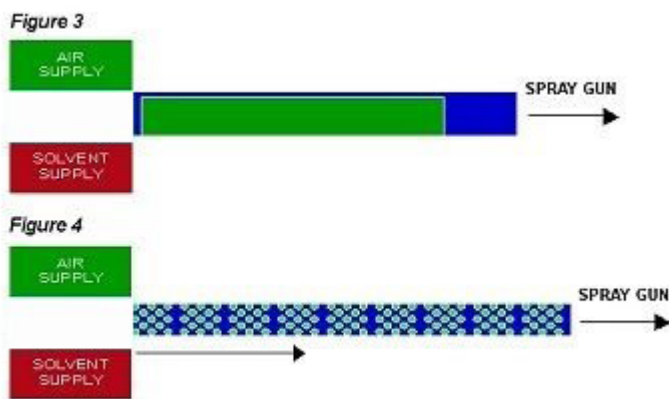
Cleaning Paint Lines with Solvent:

As shown below, cleaning liquid paint lines with only solvent wastes solvent. Figure 1 illustrates the less viscous solvent tunneling through the paint line. Once tunneling occurs the solvent slowly removes paint from the outer walls until the line is clean. The center of the solvent column has no cleaning effect. Typically 60% of the solvent passing through the paint line is wasted because there is no contact with the paint (figure 2).



Cleaning Paint Lines Using Autoquip Solvent Scrubber Technology:

The unique design of the Autoquip Solvent Scrubber uses air to push much of the coating out of the line prior to adding solvent (figure 3). The partially evacuated paint line provides a more turbulent path for more efficient cleaning. The Autoquip Solvent Scrubber injects mixed air and solvent particles together which gather droplets of coating and carry the coating out of the paint line (figure 4) resulting in a huge reduction of solvent usage, plus less color carry over and a cleaner paint line.



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