



DR-1 Fluid Regulator

The Ransburg DR-1 Fluid Regulator provides consistent and constant fluid regulation for automatic coating applications. It features two selectable fluid pressure ranges. The low flow range output provides precise fluid delivery control. The high flow range output accommodates higher fluid deliveries. The combination provides excellent paint film uniformity and minimal color change time.

Constructed of all stainless steel wetted parts and available with a wide range of ratio control options for precise fluid control. The DR-1 Regulator offers flexibility and consistent low and high delivery flow control and repeatability for an improved finish quality and reduction in material costs. Capable of use with a variety of coating materials.

SPECIFICATIONS

Air Requirements	Variable by Control
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FLUID PRESSURES

Input	80 — 100 PSI
Output	Variable by Ratio

DIMENSIONS

Height	1.9" (48 mm)
Height w/fittings	2.1" (54 mm)
Diameter	2.8" (.70 mm)
Length	3.8" (97 mm)

PNEUMATIC/FLUID CONNECTIONS

Air Pilot	1/4" OD x 3/16" ID #10-32 Thread
Fluid In	1/4" NPSM Thread
Fluid Out	1/8" NPSM Thread
Recommend Tubing Size	3/16" OD x 1/8" ID (4.7mm x 3.1mm) or 1/4" OD x 3/16" ID (6.3mm x 4.7mm)

- **Dual Low Or High Flow Capability**
- **Minimizes Color Change Time**
- **Reduced Sensitivity To Pilot Air**
- **Pressure Changes**

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