

DR-1 Fluid Regulator



Dual Regulation Capability

The ITW 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.

Features

- Teflon-coated internal components for decreased color change time
- Dual low and/or high flow capability
- Consistent low delivery flow control and repeatability
- All stainless steel wetted parts

Benefits

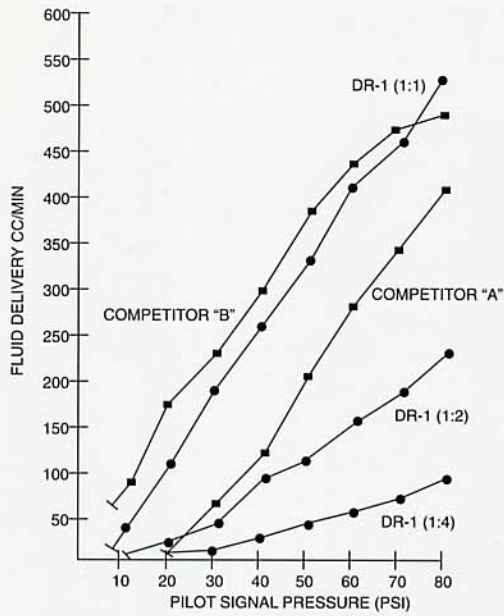
- Minimizes the effect of variations in coating material viscosities
- Minimizes color change time
- Repeatable fluid control for improved finish quality and reduced material expense
- Reduced sensitivity to pilot air pressure changes
- Capable of use with most coating materials

Options

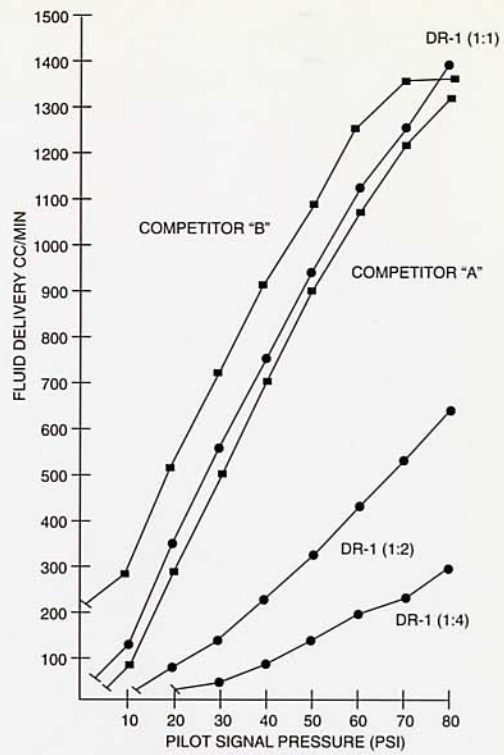
1:2, 1:4, 1:6, 1:8 or 1:10 pressure ratios for a wide range of fluid control

Specifications

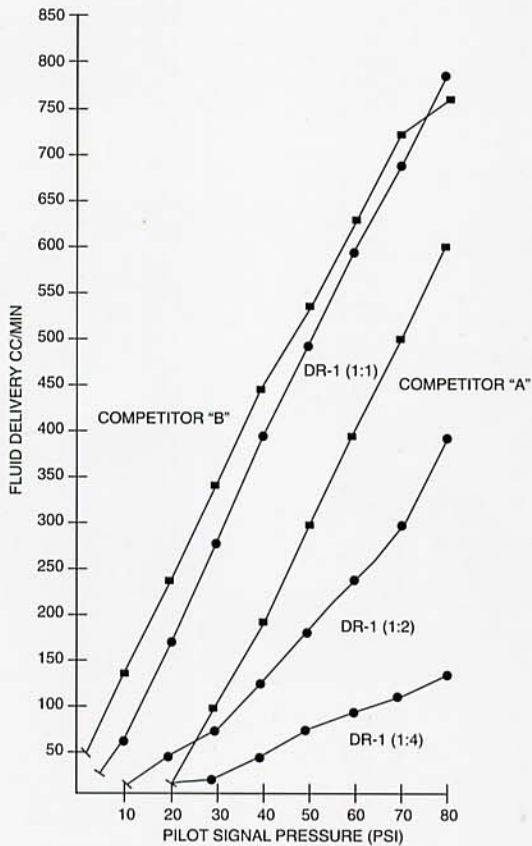
Air Requirements:	Variable by Control
Fluid Pressures:	
Input:	80-100 PSI
Output:	Variable by Ratio
Dimensions:	
Height:	1 7/8"
Height w/fittings:	2 1/8"
Diameter:	2 3/4"
Length:	w/ fitting 3 3/8"
Pneumatic/Fluid Connections:	
Air Pilot:	1/4" OD x 3/16" ID #10-32 Thread
Fluid In:	1/4" NPSM Thread
Fluid Out:	1/8" NPSM Thread
Recommended Tubing Size:	3/16" OD x 1/8" ID or 1/4" OD x 3/16" ID



OPERATING CONDITIONS:
 PAINT LINE: 3/16" ID, 17 FEET
 PAINT: WHITE, ENAMEL, 65% VOLUME SOLIDS
 REDUCTION: 5:2 (28%)
 VISCOSITY: 40", ZAHN #2



OPERATING CONDITIONS:
 PAINT LINE: 3/16" ID, 17 FEET
 PAINT: CLEAR COAT, 50% VOLUME SOLIDS
 REDUCTION: 5:1 (16%)
 VISCOSITY: 25", ZAHN #2



OPERATING CONDITIONS:
 PAINT LINE: 1/8" ID, 17 FEET
 PAINT: CLEAR COAT, 50% VOLUME SOLIDS
 REDUCTION: 5:1 (16%)
 VISCOSITY: 25", ZAHN #2

ITW Ransburg

Electrostatic Systems
 ITW Ransburg Electrostatic Systems
 An Illinois Tool Works Company
 320 Phillips Ave., Toledo, OH 43612
 Telephone: 419/470-2000
 Fax: 419/470-2270
 www.itwransburg.com
 Email: marketing@itwransburg.com

