

COLOR SELECT SYSTEM

Total Color Control

The Color Select System™ from ITW Ransburg provides an easy and accurate means of changing coating material in any application. Flexible enough to handle as many as fifteen different coating materials, this system is suited for the most demanding applications. The patented, pneumatically-operated fluid valve assembly is controlled with one or two color select boxes which feature easy to use color select switches.

Boasting a Class 1, Div. 1 approval rating, the Color Select System can be safely mounted anywhere in the facility, even in a hazardous environment.

Saving Time, Reducing Costs

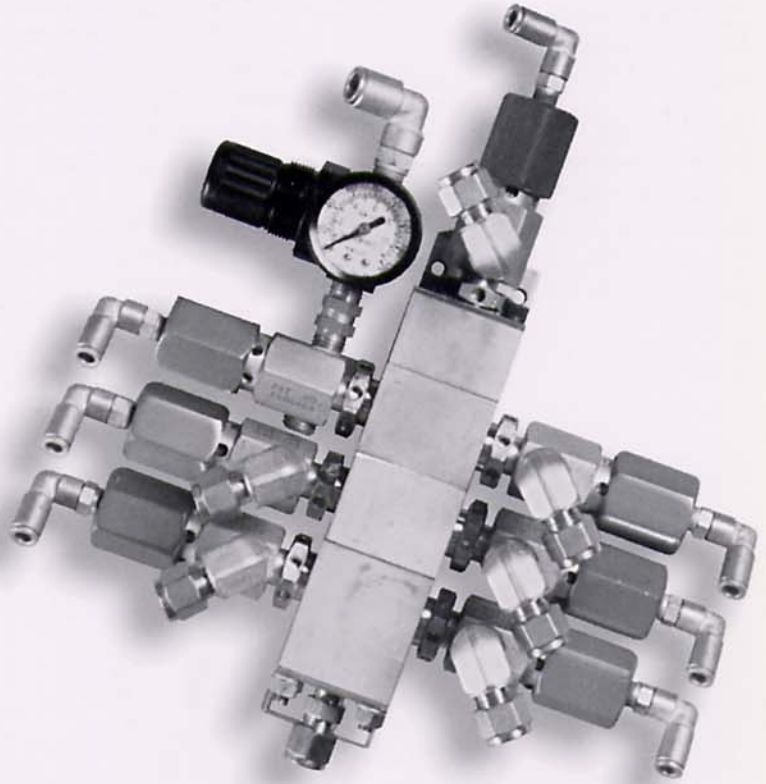
An outstanding aspect of the ITW Ransburg Color Select is its capacity to save time and reduce operating costs. Its multi-color handling capability, the automated ease with which changes are accomplished, and the elimination of multiple paint cans means less downtime for color changes and reduced labor costs.

Compatible

All wetted parts in the valve and manifold are 300 series stainless steel or Teflon®, as needed, for compatibility with today's coatings including high solids, waterborne and catalyzed materials, while dual porting allows circulation through the valve. A stainless steel plug is also provided for single inlet applications.

A Simple System That Pays For Itself

With less wasted paint in color changes, payback analysis shows a quick return on investment and V.O.C. EPA compliance.



Easier Installation and Maintenance

The fluid valve is simple to assemble, it attaches to the manifold or an adapter fitting with a unique hex fitting which allows just the fitting to rotate. The valve body and hose connections remain stationary, facilitating installation and maintenance.

Major V.O.C. Reduction

Because less paint is wasted between color changes, the overall V.O.C. reduction puts the user in a positive position for EPA compliance.

Adapts to Changing Needs

The system that meets today's and tomorrow's needs. The modular design anticipates the changing needs of fluid supply systems. Modular block valving assemblies can easily be expanded. These same valves are used for rotary atomizer triggering and fluid dump functions, simplifying maintenance and streamlining part stocking. A wide variety of manifold blocks, adapters and fittings allows versatility for a variety of applications.

User-Specific Configurations

The manifold block is the building element into which all valves are assembled. Manifold blocks can be stacked as a pre-assembled unit to hold the requisite number of valves for multi-color installations.

Specifications

(Specifications and Operating Range for CCV-403-SS Valve)

Air Requirements:

70-100 psi operating pressure

Air Inlet & Outlet Connections:

1/4" O.D. tubing

Fluid Pressure:

300 psi (maximum)

Fluid Inlet:

1/4" NPT(F) x 2 ports
(Fittings installed 3/8" O.D. tubing)

Fluid Outlets:

1/4" NPT(F)
(Fittings installed 3/8" O.D. tubing)

Fluid Flow:

3800 cc/min. @ 47 psi pressure drop
(Paint viscosity @ 700 centipoise)
Varies according to material pressure and viscosity

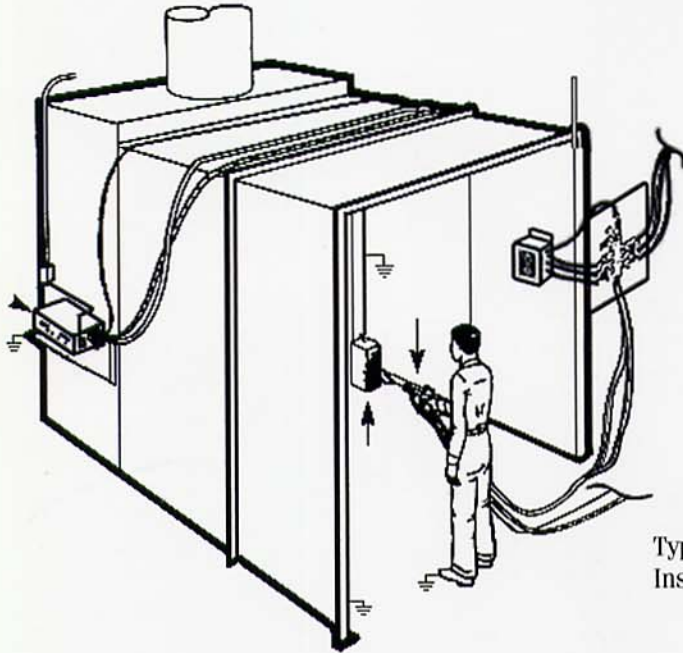
Valve Actuation Speed, On-Off Cycle:

55 cycles/min.

Colors:

Up to and including 5 colors,
main box only

Up to and including 15 colors total



Typical Color Select™
Installation

ITW Ransburg

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Printed on
recycled paper

Form IL-9002-A Litho U.S.A. 6/01-2.5M
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