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PRECISION  
DRIVES  
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## **FCS300-F-1G-H** **Fan Spray Valve with Trigger**

### **SYSTEM SPECIFICATIONS**

#### **Wetted Components**

##### **Valve**

- Stainless Steel
- Teflon®
- Kalrez®

##### **Tank**

- Stainless Steel

##### **Material Line**

- UV Safe Teflon®

##### **Material Fittings**

Stainless Steel

#### **System Fluid Pressure Range**

0-100 psi

#### **Atomizing Air Pressure Range**

0-15 psi

#### **Fluid Reservoir**

1-Gallon Maximum

#### **Dispense Modes**

Manual

#### **Valve Outlet**

Flat Cap Spray Head

#### **Operating Requirements**

Air Pressure: 80 psi minimum

The FCS300-F-1G-H is a turnkey manual coating system that uses atomizing air to break up fluid and transfer it to a substrate. With an all stainless steel and Teflon construction this system can be used to hand with a wide variety of fluid chemistries.

This configuration starts with a stainless steel fluid reservoir that uses a flip top opening to allow an operator to easily pour up to 1-gallon of fluid inside.

The FCS300-F, front closing stainless steel spray valve has a dual acting air cylinder that provides an immediate start and stop of fluid flow, while a stroke adjustment can be used to fine tune the flow rate. A precision air regulator and gauge assembly is provided to simultaneously activate atomizing air only when the valve is opened and fluid is flowing.

Mounting this valve to a PV101 trigger handle makes it more ergonomic and easy for an operator to articulate and manipulate the spray pattern to coat a substrate while using the pneumatic trigger switch to start and stop the spray. By using this pneumatic handle, no additional electronic controls are required to activate the spray leaving the on time entirely up to the operator.

With this sealed system, no air, moisture, or light is allowed to contact the fluid so flushing is not necessary. At the end of the day, cleanup is as simple as turning off the pressurized air as there is no exposed fluid inside the valve after it is closed.

The FCS300-F-1G-H has many integrated features including:

- Valve mounted on trigger handle is easy to manipulate
- Trigger finger activation for ease of control
- Large tank to hold up to 1-gallon of fluid
- All Stainless Steel & Teflon wetted components for fluid compatibility
- Full pneumatically operated system
- Flat spray cap standard, with optional round cap
- Easy cleanup and shut down

For more information, please PVA at [info@pva.net](mailto:info@pva.net) or (518) 371-2684.