

SELECTIVE CONFORMAL COATING AND DISPENSING SOLUTIONS

PRECISION SPRAY VALVE CFS25P



SPRAY VALVE CFS25P (Round)

The Spray Valves are designed for precise spray applications of low viscosity materials. An external stroke control (micrometer) makes it easy for the operator to fine-tune fluid flow. Total control of the spray cycle is provided by adjustable fluid flow and precise control of pre-spray, atomizing air and post spray with Coatflow dispensing and coating systems. Maintenance is made simple by the elimination of troublesome and complex internal control parts. Downtime is virtually eliminated with only one seal to replace during normal maintenance.

The CFS25p spray valve come with stainless steel construction in fluid housing and anodized aluminum in air cylinder control part. A field replaceable Delrin® seat provides positive shut off and very long-life cycles. The compact design and easy-mount threaded hole allow for easy integration into automated applications.

FEATURES

- Consistent spray coverage
- Low pressure, low volume atomized process
- Micrometer for stroke control (Flow)
- No overspray
- Double effect control system (open and close)
- Adjustable flow control
- Long-life cycles

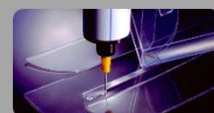
Compatible with all commercially available conformal coatings



CFS25P

Size Ø x H:	1.12" x 3.34" (25mm x 185mm)
Weight:	0.68lb (310g)
Fluid Inlet:	1/8" NPT
Fluid Outlet:	Round Spray Nozzle
Mounting:	1/4-20UNC-2B
Maximum Fluid Pressure:	145psi (10bar)
Maximun control Pressure:	100psi (6.9bar)
Wetted parts:	SS, Teflon®, Delrin®
Cycle Rate:	Less than 600 cycles/minute
Material Viscosity Range:	1 – 500.000cps

MATERIALS: CONFORMAL COATINGS, ACRYLICS, URETHANES, SILICONES, RTV, BI-COMPONENT MATERIALS, ETC.



SELECTIVE CONFORMAL COATING AND DISPENSING SOLUTIONS

PRECISION SPRAY VALVE CFS40RSS



SPRAY VALVES CFS40RSS AND CFS40FSS (Round and Flat)

The Spray Valves are designed for precise spray applications of low viscosity materials. An external stroke control makes it easy for the operator to fine-tune fluid flow. Total control of the spray cycle is provided by adjustable fluid flow and precise control of pre-spray, atomizing air and post spray with Coatflow dispensing and coating systems. Maintenance is made simple by the elimination of troublesome spring loaded needle packings. Downtime is virtually eliminated with only one seal to replace during normal maintenance.

The CFS40RSS/ CFS40FSS spray valves come with FDA-Compliant 303 stainless steel construction in both air cylinder and fluid housing. A field replaceable Delrin® seat provides positive shut off and very long-life cycles. The compact design and easy-mount threaded hole allow for easy integration into automated applications. The new CFS40MICRO spray valve is designed to spray low to medium viscosity fluids through disposable dispensing tips. This innovative design enables the valve to produce uniform spray patterns ranging from 0.180" - 0.60" (4.6mm - 15 mm) in diameter. The CFS40MICRO spray valve has a field replaceable UHMWPE seat (seal) to provide positive shut-off and extend the valve life cycle.

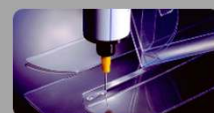
FEATURES

- Consistent spray coverage
- Interchangeable nozzles and caps
- No overspray
- Positive shut-off
- Adjustable flow control
- Long-life cycles

	CFS40RSS	CFS40FSS
Size Ø x H:	1.12" x 4.2" (28mm x 104mm)	1.12" x 4.3" (28mm x 109mm)
Weight:	0.73lb (331g)	0.73lb (331g)
Fluid Inlet:	1/8" NPT	1/8" NPT
Fluid Outlet:	Cone Spray Nozzle	Fan Spray Nozzle
Mounting:	1/4-20UNC-2B	1/4-20UNC-2B
Maximum Fluid Pressure:	100psi (6.9bar)	100psi (6.9bar)
Minimum Fluid Pressure:	70psi (4.8bar)	70psi (4.8bar)
Wetted parts:	303 SS, Teflon®, Delrin®	303 SS, Teflon®, Delrin®
Cycle Rate:	Exceeds 400 cycles/minute	Exceeds 400 cycles/minute
Material Viscosity Range:	1 - 5000cps	1 - 5000cps



MATERIALS: CONFORMAL COATINGS, ACRYLICS, URETHANES, SILICONES, RTV, BI-COMPONENT MATERIALS, ETC.



SELECTIVE CONFORMAL COATING AND DISPENSING SOLUTIONS

PRECISION MICROSPRAY VALVE CFS40MICRO



SPRAY VALVES CFS40MICRO (MICRO SPRAY)

The CFS40MICRO Spray Valve is designed to spray low to medium viscosity fluids through disposable dispensing tips. This innovative design enables the valve to produce uniform spray patterns ranging from 0.180" - 0.60" (4.6mm - 15 mm) in diameter. The CFS40MICRO spray valve has a field replaceable UHMWPE seat (seal) to provide positive shut-off and extend the valve life cycle. An external stroke control makes it easy for the operator to fine-tune fluid flow. Total control of the spray cycle is provided by adjustable fluid flow and precise control of prespray, atomizing air and post spray with our coating and dispensing machine controller. Maintenance is made simple by the elimination of troublesome spring loaded needle packings. Downtime is virtually eliminated with only one seal to replace during normal maintenance.

The CFS40MICRO spray valves come with FDA-Compliant 303 stainless steel construction in both air cylinder and fluid housing. The compact design and easy-mount threaded hole allow for easy integration into automated applications.

Product Comprises of:

- Mounting bracket kit
- Valve air hoses
- Luer lock fluid line
- Fluid inlet fittings - 1/4" compression and Luer lock type
- Dispensing tip selection pack

Key features and Benefits:

- Consistent spray coverage
- Replaceable disposable tips
- No overspray
- Positive shut-off
- Adjustable flow control
- Long life cycles

Fluid Inlet Port:	1/8" NPT female
Fluid Outlet Port:	Spray Cap
Aux Air Inlet Port:	10-32 UNF
Activation Pressure:	70 psi (4.8bar) Min
Max Fluid Pressure:	100 psi (6.9bar)
Mounting Port:	1/4"-20 UNC-2B
Viscosity Range:	1-5 000cps
Wetted Parts:	303 SS, Teflon®
Operating Frequency:	400+ cycles/min



MATERIALS: CONFORMAL COATINGS, ACRYLICS, URETHANES, SILICONES, RTV, BI-COMPONENT MATERIALS, ETC.

