

IJF SV1000SS Stainless Steel Spray Valve for Low Viscosity Materials



Description

The **Fisnar SV1000SS stainless steel spray valve** provides close tolerance spray dispensing of fluids of up to 1000 cps. The SV1000SS is constructed of stainless steel to prevent corrosion from volatile materials. With a spray angle of 12° and an operating frequency of 200 cycles/min, the SV1000SS is designed for spraying flux, polyurethane, paint, lubricants, inks and for coating and conformal coating applications.

The operating air pressure opens a needle valve allowing material to flow; a separate air line creates pressure in the air cap, atomising the fluid. The valves are adjustable by turning the stroke-adjust control at the rear of the valve; this will tune the spray pattern.

Features & Benefits

- Suitable for very low viscosity fluids under 1000cps
- Stainless steel fluid body construction
- Stroke adjustment to fine-tune spray area
- Nozzle design to prevent clogging

Operation

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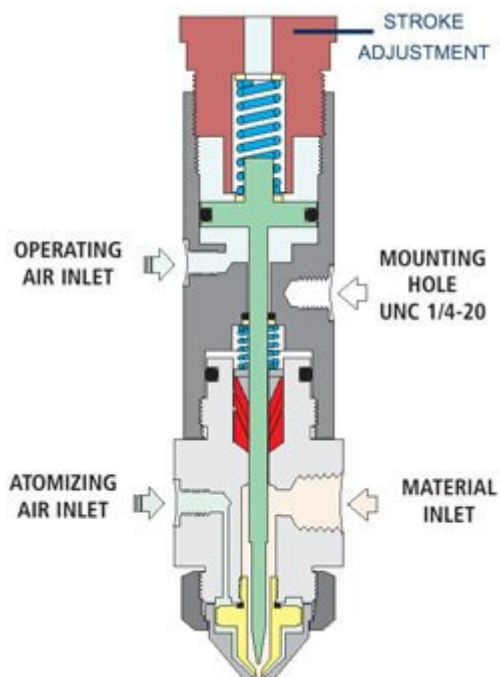


The valve is opened and closed by applying pressure to the ports using a valve controller (e.g. **IJFSVC100-220 Valve Controller**).

The valve may be operated with as little as 70 psi.

Material is supplied to the stainless steel body through a 1/4" NPT female port.

Fluid pressure may be as high as 100 psi.



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Specifications

Specification	
Valve weight	290g
Operating air pressure	70-100 psi
Atomizing air pressure	1-30 psi
Fluid viscosity range	Up to 1000 cps
Fluid pressure	1-100 psi (dependent on material viscosity)
Nozzle diameter	0.71mm
Flow rate	Up to 28cc/second
Operating frequency	Over 200 cycles/min
Spray angle	12°
Spray pattern	Circular (conical)

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Specification	
Operating air inlet	10-32 thread with push fitting for 1/4 tube
Atomizing air inlet	10-32 thread with push fitting for 1/4 tube
Material inlet	1/8 NPT with compression fitting for 1/4 tube

Ordering Information

Part number	Description
IJFSV1000SS	Stainless steel spray valve
FISVC400	VC400 Spray valve dispense controller

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Let's start by talking about your application



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