

# JAU Series

## JAU-Series Auto. Air Atomizing Nozzles

### IDEAL FOR:

- Applying lubrication or coatings in tight areas.
- Spraying grease or other moderately viscous materials.
- Operating in harsh or dirty environments.

### Features:

- Self-contained seal cartridge speeds maintenance and minimizes down-time.
- Available in body-ported or plate-mounted arrangements.
- Additional options include:
  - Adjusting or metering end caps
  - Dependent cylinder air (single air supply arrangement)
  - Extensions up to 36" (91cm)
  - Hydraulic conversion for conventional spray tips

### Additional Specifications:

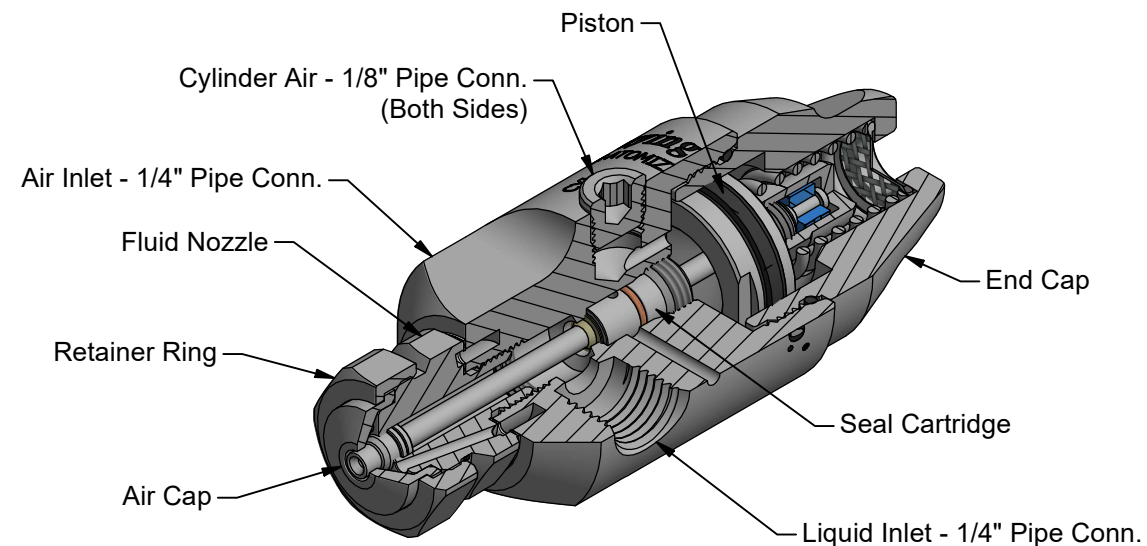
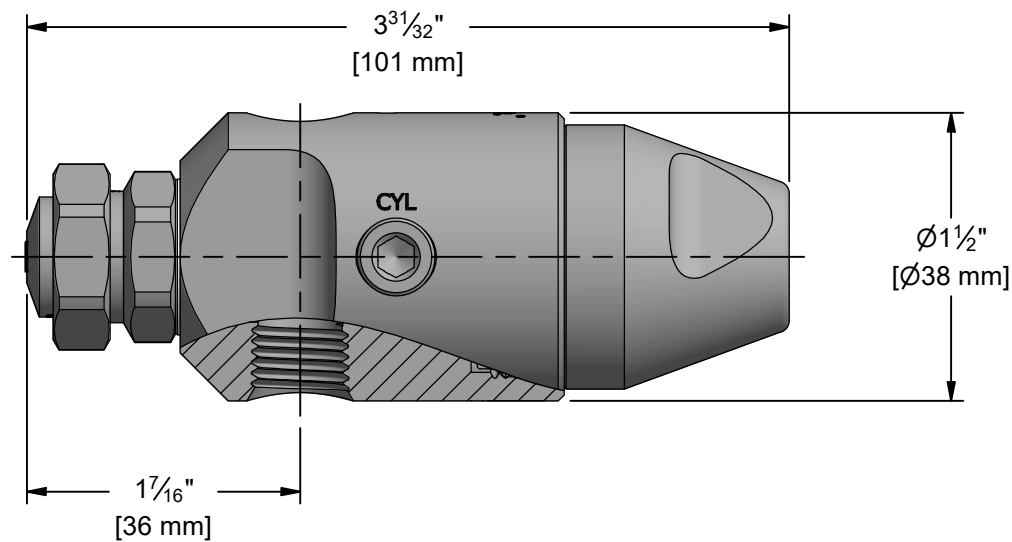
- Max. Temperature - 180°F (82°C)
- Max. Liquid Pressure - 100 psi (7 bar)
- Max. Air Pressure - 100 psi (7 bar)
- Min. Cylinder Air Pressure - 25 psi (1.7 bar)
- Max. Cycle Rate - 300 cycles/min.\*

\* Max. operational speed depends on pressures used, control solenoid capabilities, and distance from solenoid. Value shown is typical for most setups.

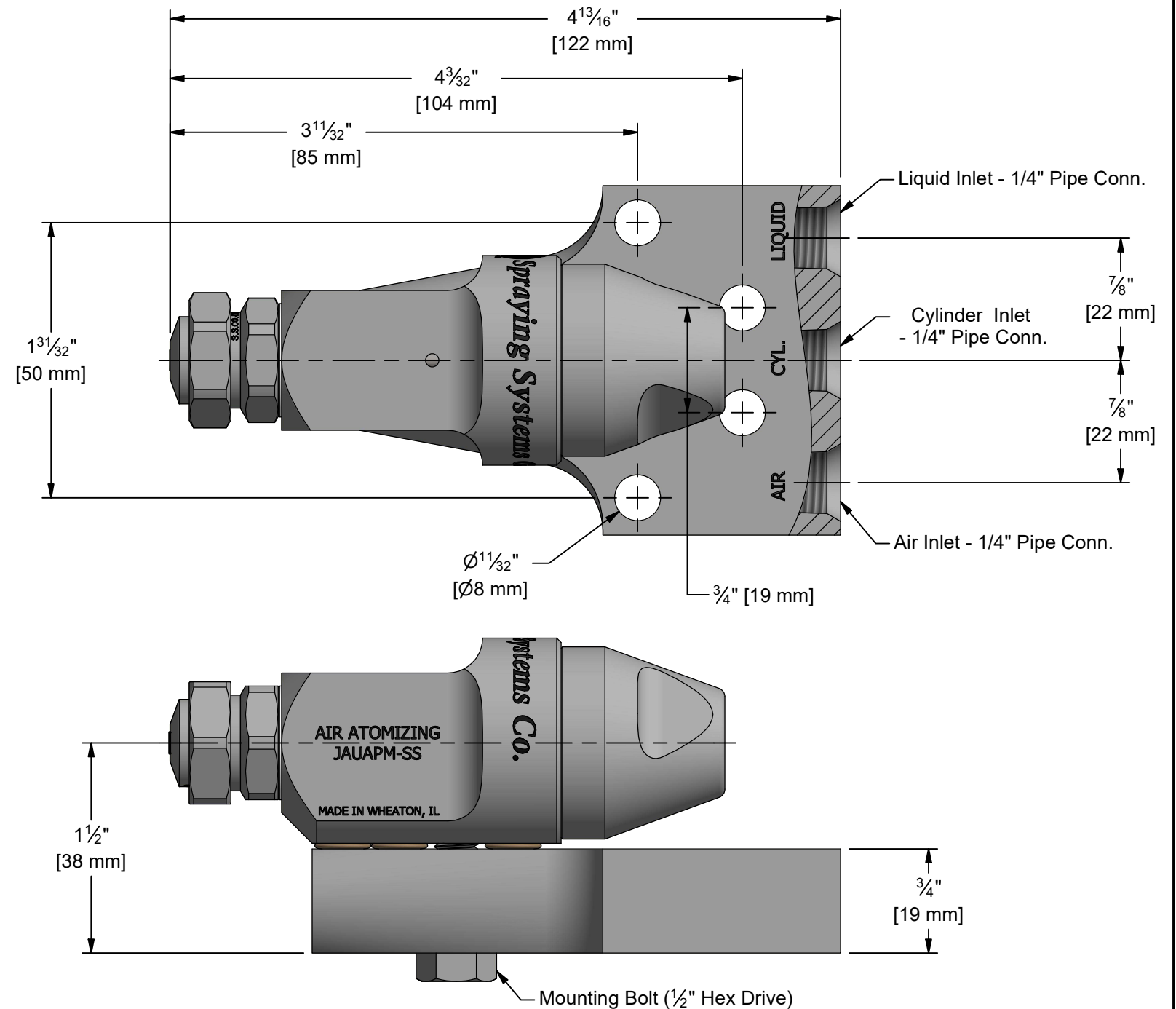
For ordering information and additional details, see DS JAU Series 2.

For complete list of setups and performance information, see Industrial Catalog.

### Body Ported

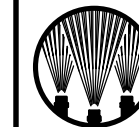


### Plate Mounted



### DESCRIPTION:

JAUA \_\_\_ -  
Auto. Air Atomizing or Hydraulic Nozzles



**Spraying Systems Co.**<sup>®</sup>

Spray Nozzles and Accessories  
P.O. Box 7900 - Wheaton, IL 60187-7901

REVISION NO.

Data Sheet No.

REFERENCE:

**DS JAU**

SHEET:

1 OF 2

DWG SIZE:

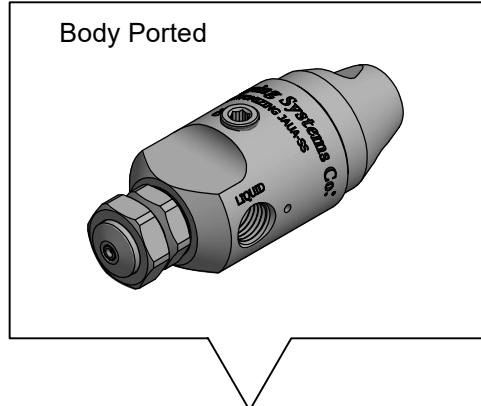
B

# JAUA Series

# How to Order

For dimensional and performance information, see DS JAUA Sheet 1.

For complete listing of spray set-ups, see Industrial Catalog.



Body Ported

**Cylinder Behavior**

Blank	Separate Cylinder Air Supply
D	Dependent Cylinder Air

**Needle Type**

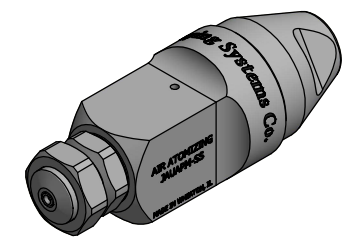
Blank	Standard Shut-Off
CO	Clean-Out/Shut-Off*

\*Requires Orifice Designation

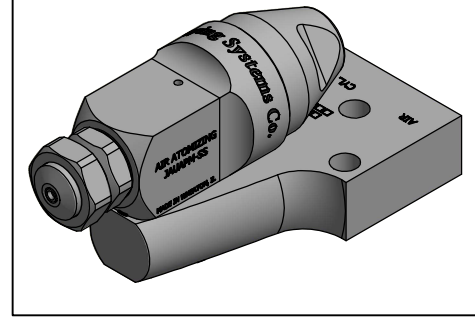
**Orifice Designation**  
(CO Needles Only)

<b>Body Ported</b>	<input type="checkbox"/>	<b>JAUA</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>— NP</b>	<input type="checkbox"/>	
<b>Plate Mounted (Gun Only)</b>	<input type="checkbox"/>	<b>JAUA</b>	<input type="checkbox"/>	<b>SM</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>— NP</b>	<input type="checkbox"/>	<b>(Plate Mount Use Only)</b>
<b>Plate Mounted</b>	<input type="checkbox"/>	<b>JAUA</b>	<input type="checkbox"/>	<b>PM</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>— NP</b>	<input type="checkbox"/>	

**SM:** Plate Mounted, Gun Only



**PM:** Plate Mounted



**Thread Type**

Blank	NPT
B	BSPT

**Atomization**

Blank: Pneumatic  
H: Hydraulic\*

\*Mutually Exclusive with CO Needles

**End Cap Options**

Blank: Standard End Cap

**N: Adjustable End Cap**

**M: Metering End Cap**

(Requires CO needle)

**Extension Options**

Blank: No Extension  
-L: Extension, Length in Inches

(Standard Lengths: 3, 6, 9, 12, 18, 24 in.)

-LW: Extension w/ 3/4" Pipe Wall Mount Adapter

**Material**

NP	Brass Nickel-Plated w/ FKM Seals
SSVI	Type 303 Stainless Steel w/ FKM Seals
SSEPR	Type 303 Stainless Steel w/ EPR Seals
316VIF	Type 316 Stainless Steel w/ FKM Seals*
316EPF	Type 316 Stainless Steel w/ EPR Seals*

\* FDA 21 CFR 177 & EU 1935/2004 Compliant

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Auto. Air Atomizing or Hydraulic Nozzles

**Spraying Systems Co.**  
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REVISION NO.	Data Sheet No.
REFERENCE:	<b>DS JAUA</b>
SHEET: 2 OF 2	DWG SIZE: B