



OVERVIEW

If your application requires air atomizing nozzles, you'll find information on the largest selection in the industry available in this section. Choose from dozens of nozzle bodies, assemblies and spray set-ups to get the precise performance you require.

Air atomizing nozzles require a single air source for the atomizing air. Some versions, equipped with a cylinder for automatic operation or clean-out and shut-off needles, may require an additional air line. Fluid lines are required for all models. The fluid line can be pressurized or supplied using a siphon- or gravity-fed configuration. It is recommended that air and fluid lines are equipped with the proper filters, regulators and valves.

Air atomizing nozzles require spray set-ups. Each set-up consists of an air cap and fluid cap and some may also include O-rings and retainer caps. You can select from a wide assortment of capacities, spray patterns and pressure- or siphon-fed set-ups.

- Product Range:
 - 1/8J and 1/4J Series nozzles are available in many configurations and operate at standard flow rates. Ranges from: 0.55 to 58.1 gph at 40 psi (2.08 to 220 l/h at 2.8 bar).
 - Variable spray nozzles provide independent control of liquid, atomizing air and fan air pressure for fine tuning of flow rate, drop size, spray distribution and coverage.
 - 1/2J Series nozzles offer the same features and benefits as 1/8J and 1/4J Series but operate at higher capacities. Ranges from: 22.2 to 222 gph at 40 psi (84 to 840 l/h at 2.8 bar).
 - 1J Series nozzles offer the highest flow rates available. Ranges from: 120 to 906 gph at 40 psi (454 to 3430 l/h at 2.8 bar).

Additional information can be found in Section G, Automatic Spray Nozzles and in Section K, Special Purpose Spray Nozzles.



Air atomizing caps

AIR ATOMIZING SPRAY NOZZLES

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1/8J and 1/4J Series

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