New quick-change technology

QuickJet® Spray Nozzles

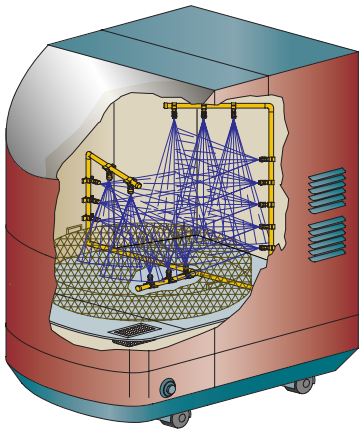
For trouble-free performance and fast maintenance

Spraying Systems Co.®

Introducing the latest advancement in quick-change spray technology

As the world's leading manufacturer of spray nozzles and accessories — offering more than 22,000 spray nozzles and accessories — Spraying Systems Co. is committed to providing its customers with the broadest product line, the highest quality products, and the best possible service. And the introduction of our redesigned QuickJet® spray nozzle is the latest example of how we have met the needs of our customers with innovative spray technology.

Our patent-pending QuickJet spray nozzle is designed to save time in the cleaning and replacement of plugged or worn spray tips. Among the nozzle's new design features are a self-ramping feature for quick turn-to-lock installation and a machined stop for accurate spray alignment. We've also designed the seal so it remains attached to the spray tip to prevent accidental loss. With these latest advancements, the QuickJet spray nozzle allows for fast, easy, and accurate changeout of spray tips, which can result in a significant reduction in maintenance downtime.



Washing parts in a cabinet-type portable parts washer.

Easier tip installation and removal means less maintenance downtime

As mentioned, a reduction in spray nozzle maintenance downtime is just one of the many benefits of our new QuickJet spray nozzle. This is because spray tip installation and removal can be done by hand and without tools. All it takes is a quick quarter turn of the wrist to change tips. When changing tips, the nozzle's patent-pending design helps pull the spray tip into the nozzle body as it is rotated...much like a screw thread. This self-ramping feature means that no pressure on the tip is required to install the tip — for even quicker turn-to-lock installation.

Proper spray alignment improves spraying accuracy

Another new design feature of the QuickJet spray nozzle is a positive stop that's machined onto the spray tip to ensure accurate alignment of the spray tip. As a result, spraying accuracy is guaranteed each and every time the nozzle is replaced. Quality control problems due to misaligned nozzles are virtually eliminated, as is time-consuming manual nozzle alignment.

The nozzles are also ideal for use on a spray header. Only the spray tip is removed during changeout. This means that the nozzle bodies remain on the header so exact spray alignment is always assured.

Custom-molded seal is retained on the tip; eliminates accidental loss

The new design of the QuickJet® spray nozzle includes the spray tip's VITON® or Buna-N seal. The seal provides a tight sealing action to assure positive fitting of the spray tip to the nozzle body while also acting as a compression spring. Now, the seal is retained on the tip. Since the seal is secured to the tip, the chance for accidental loss or misplacement is reduced.

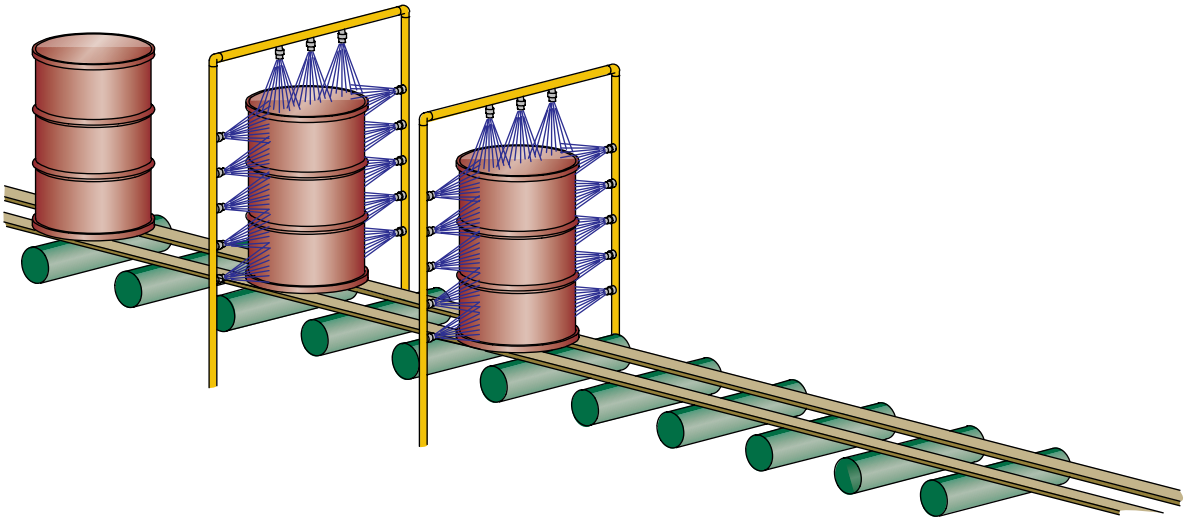
Choose the capacity, size, and materials you need

The new QuickJet spray nozzle is currently available with Quick VeeJet® spray nozzle tips. These flat spray tips are available in brass or stainless steel construction. For brass models, the seal is offered in Buna-N; for stainless steel construction the seal is made from VITON. The nozzles operate at a maximum pressure of 300 psi (21 bar) with flow rates below 1 gpm (3.9 l/min) at 40 psi (3 bar) for the QVVA model and greater than 1 gpm (3.9 l/min) at 40 psi (3 bar) for the QUA model. Quick FullJet® (full cone) and Quick WhirlJet® (hollow cone) spray tips will be offered at a later date.

To learn more about the QuickJet spray nozzle...

Additional information is available on the QuickJet spray nozzle. Contact your local Spraying Systems Co. sales engineer to learn more or visit our Web site at www.spray.com.

VITON is a registered trademark of DuPont Dow Elastomers.



Cleaning drum exteriors.

A closer look at the QuickJet® Spray Nozzle System

Ideal for a variety of applications, including cleaning, coating, rinsing, washing, and cooling, the QuickJet Spray Nozzle System is available with a wide variety of body types and sizes, material choices, spray patterns, spray angles, and accessories. Here's a review of some of these options.

Standard QuickJet Nozzle Bodies and Spray Tips

- Threaded QuickJet nozzle bodies readily adapt to most manifold and header installations.
- Available in 303 stainless steel or brass.
- Spray tips are also available in 303 stainless steel or brass.
- Each tip is precision machined for flow rate and spray pattern accuracy.

Split-Eyelet Nozzle Bodies and Spray Tips

- Provide a quick and easy way to mount QuickJet spray tips to a manifold or header.
- Assembly consists of a QuickJet body, clamps, bolts, and gasket.
- Accept brass and stainless steel spray tips

Other QuickJet Spray Nozzle System Options

Adjustable Ball Fitting Nozzle Bodies and Spray Tips

- Provide adjustable positioning of QuickJet spray tips with a 50º included angle of adjustment.
- Locking screws hold the adjustment position even when jarred or subject to vibration.
- Accept brass and stainless steel spray tips.

KYNAR® Nozzle Bodies and Spray Tips

- Readily adapts to most manifold and header installations.
- Constructed of KYNAR (PVDF) thermo-plastic. EPDM seals are standard. Optional VITON seals are also available.
- KYNAR (PVDF) spray tips are available in flat or full cone spray patterns.

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ProMax® Nozzle Bodies and Spray Tips

- Molded of chemically coupled, glass-reinforced engineering grade of polypropylene that combines durability with chemical resistance.
- Flat and full cone spray tips are color-coded for flow rate identification. Hollow cone tips are also offered.
- Tips include an integral VITON O-ring seal.

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