P-SERIES
ANTI-BEARDING SPRAY SET-UP

REDUCE NOZZLE BUILD-UP, PRODUCT WASTE, AND MAINTENANCE DOWNTIME

The patent-pending P-Series Anti-Bearding Spray Set-Up can be used with all standard Spraying Systems Co. VMAU automatic air atomizing assemblies including 53500, 54000, and 54500 modular manifolds. These spray set-ups incorporate independent controls of liquid, atomizing air and fan air for the fine tuning of spray capacity, droplet size and spray patterns.

P-Series Anti-Bearding Spray Set-Ups are available in 316L stainless steel and FDA compliant seal material options. The set-ups have the same flow rates (air and liquid), spray angle, distribution, and droplet size as the standard anti-bearding set-ups for easy replacement and validation.

BENEFITS

• Allows operation up to 10 times longer than other standard set-ups*

• Reduced surface area around the fan jets prevents fine droplets from collecting during operation for significantly less bearding

• Optimally placed high impingement fan jets provide wider coverage with less air pressure and air flow than other AB designs on the market

• Ideal for spraying pharmaceutical, nutraceutical, and other viscous product coatings

• Dramatically reduces cleaning and maintenance downtime

• Provides even spray distribution and minimizes overspray

• Works with matching clean-out needles to protect orifice against clogging

• Users with existing anti-bearding set-ups need only replace the air cap; the fluid cap and clean-out/shut-off needle assembly remains the same

TYPICAL APPLICATIONS

- TABLET COATING
- NUTRACEUTICALS
- FOOD PRODUCT COATING
P-SERIES ANTI-BEARDING SPRAY SET-UPS

SPECIFICATIONS

<table>
<thead>
<tr>
<th>VMAU Series</th>
<th>Anti-Bearding Set-Up</th>
<th>P-Series Air Cap</th>
<th>Anti-Bearding Air Cap</th>
<th>Anti-Bearding Fluid Cap</th>
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Material Options: 316L = 316L stainless steel, VIF = FDA Viton, EPF = FDA EPDM: other materials available upon request

*Available upon request

Ordering Information

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<th>SUVM113AABP - 316EPF</th>
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<td>Air Cap</td>
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DRAMATICALLY REDUCE NOZZLE BUILD UP

The patented P-Series Anti Bearding Spray Set-up allows users to run their spray operations from 8 to 10 times longer than with standard set-ups* with minimal nozzle build-up, greatly reducing maintenance downtime due to cleaning or clogging.

Results after spraying OPADRY®. The P-Series cap is pictured after being sprayed for twice as long as the standard air cap.

OPADRY® is a registered trademark of BPSI Holdings LLC

*Based on process conditions

Spraying Systems Co.*
Experts in Spray Technology

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