

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 sigificantly 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







SPECIFICATIONS

| P-Series | Anti-Bearding | P-Series | Anti-Bearding | Anti-Bearding |
|-------------|---------------|------------------|-----------------|---------------|
| Set-Up | Set-Up | Air Cap | Air Cap | Fluid Cap |
| SUVM113AABP | SUVM113AAB | VMAABP113289-60 | VMAAB113289-60 | VMFAB3578 |
| SUVM113ABP | SUVM113AB | VMAABP113289-60 | VMAAB113289-60 | VMFAB4078 |
| SUVM128ABP | SUVM128AB | VMAABP1282100-60 | VMAAB1282100-60 | VMFAB60100 |
| SUVM 67ABP* | SUVM67AB* | VMAABP67255-60* | VMAAB67255-60* | VMFAB2850* |

Material Options: 316L = 316L stainless steel, VIF = FDA Viton, EPF = FDA EPDM: other materials available upon request

*Available upon request

| Ordering Information | | |
|----------------------|--|--------------------------|
| SUVM113AABP - 316EPF | VMFAB3578 - 316EPF Fluid Cap Material Code | VMAABP113289-60 - 316EPF |

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.



Standard Air Cap



P-Series Air Cap

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



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