FOR PRECISION COATING APPLICATIONS

The patented modular air atomizing manifold is designed with a built in liquid recirculation line. This manifold offers a wide variety of spray set-ups to match the performance of 1/4J and 1/4 VMAU nozzles and is available with anti-bearding set-ups.

Sanitary flange inlet connections, threadless internal liquid/air chamber, and 20 microinch Ra MAX surface finish reduces contamination risk. Manufactured according to cGMP guidelines from sanitary FDA-compliant materials in an environment that exceeds industry standards for hygienic products.

BENEFITS

- Lightweight and dissassembles in seconds saving time and money
- Polished 316/316L stainless steel and stain-resistant TecaPro® for easy cleaning
- Improved spray performance maximizes throughput and product quality
- Ideal for spraying viscous liquids
- Modular design provides flexiblity for a wide variety of spray applications
- Can be used in batch or continuous processes
- Complete turnover package available with material test reports, welder certification and other relevant data
- Positive air cap alignment option (7° offset built in if requested)
- FDA gaskets replace o-rings between spacer blocks for ease of assembly/disassembly.

TYPICAL APPLICATIONS

- TABLET COATING
- NUTRACEUTICALS
- FOOD PRODUCT COATING

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MODULAR AIR ATOMIZING MANIFOLD

DESCRIPTIONS

- Spacer Block
- Gasket
- Modular Nozzle Body
- Easy Change-out Actuator
- Adjustable Mounting Arms
- Connection Unit
- End Plate Unit
- Sanitary Flange Fluid Connections
- Liquid and Air Passageways

Spray Set-up

MODULAR AIR ATOMIZING MANIFOLD ASSEMBLY WITH VMAU NOZZLES

- Liquid Return Plate (End Plate)
- Gasket
- Tie Rod
- Spacing Block
- Spray Gun Assembly

Shown with VMAU Automatic Variable Spray Nozzles with independent controls and modular design for optimal precision spray.