SPRAY MANIFOLDS

FOOD PRODUCT COATING
MOISTENING • TABLET COATING
SPRAYING VISCOUS LIQUIDS
LUBRICATION • WAX COATING
Proper positioning and mounting are critical to ensure optimum spray performance of your spray nozzles. Standard spray manifolds are available in a variety of configurations to meet your exact requirements. Save time and eliminate integration problems using our single source solutions.
## TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Quick Reference Guide</th>
<th>F4</th>
</tr>
</thead>
<tbody>
<tr>
<td>46440 Block Style Spray Manifold</td>
<td>F5</td>
</tr>
<tr>
<td>53500 Modular Air Atomizing Spray Manifold</td>
<td>F5</td>
</tr>
<tr>
<td>54000 Modular Air Atomizing Spray Manifold</td>
<td>F5</td>
</tr>
<tr>
<td>54500 Modular Air Atomizing Spray Manifold</td>
<td>F5</td>
</tr>
<tr>
<td>58400 Compact Air Atomizing Spray Manifold</td>
<td>F5</td>
</tr>
<tr>
<td>58800 Compact Air Atomizing Spray Manifold</td>
<td>F5</td>
</tr>
<tr>
<td>63600 Sanitary Spray Manifold</td>
<td>F6</td>
</tr>
<tr>
<td>72070 Heated Air Atomizing Spray Manifold</td>
<td>F6</td>
</tr>
<tr>
<td>98250 Spray Manifold</td>
<td>F6</td>
</tr>
</tbody>
</table>
### OVERVIEW: SPRAY MANIFOLDS

- Spray manifolds are available for a wide variety of spray applications
- Threaded or sanitary inlet connections
- Hydraulic or atomizing nozzles can be used
- Nozzle spacing as narrow as 2’ (51 mm)
- Manifold lengths up to 20’ (6 m)
- A variety of materials of construction
- Heated manifolds available

![Spray Manifold Diagram]

### QUICK REFERENCE GUIDE

<table>
<thead>
<tr>
<th>Product</th>
<th>Connection Type</th>
<th>Nozzle Spacing</th>
<th>Max Manifold Length</th>
<th>Materials of Construction</th>
<th>Hydraulic or Air Atomizing</th>
<th>Spray Nozzle Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>46440 Block Manifold</td>
<td>Threaded or sanitary flange</td>
<td>Min – 2” (51 mm)</td>
<td>12’ (3.7 m)</td>
<td>303 or 316 stainless steel</td>
<td>Both Available</td>
<td>J, JAU</td>
</tr>
<tr>
<td>53500 Modular Manifold</td>
<td>Threaded</td>
<td>Min – 2” (51 mm) Max – 9” (229 mm)</td>
<td>11’ (3.4 m)</td>
<td>316 stainless, polypropylene</td>
<td>Air Atomizing</td>
<td>JAU, VMAU</td>
</tr>
<tr>
<td>54000 Modular Manifold</td>
<td>Threaded or sanitary flange</td>
<td>Min – 2” (51 mm) Max – 9” (229 mm)</td>
<td>5’ (1.5 m)</td>
<td>316L, PTFE</td>
<td>Air Atomizing</td>
<td>JAU, VMAU</td>
</tr>
<tr>
<td>54500 Modular Manifold</td>
<td>Sanitary Flange</td>
<td>6” or 9” (152 mm or 229 mm)</td>
<td>5’ (1.5 m)</td>
<td>Stainless steel</td>
<td>Air Atomizing</td>
<td>VMAU</td>
</tr>
<tr>
<td>58400/58800 Compact Air Atomizing Manifolds</td>
<td>Threaded</td>
<td>Min – 2” (51 mm)</td>
<td>36” (914 mm)</td>
<td>Stainless steel, Aluminum</td>
<td>Air Atomizing</td>
<td>JJAU, JAU</td>
</tr>
<tr>
<td>63600 Sanitary Manifold</td>
<td>Sanitary Flange</td>
<td>Min 2” (51 mm) with J, JAU Min 3” (76 mm) with Pulsajet, VMAU</td>
<td>–</td>
<td>Sanitary 316L tubing</td>
<td>Both Available</td>
<td>J, JAU, VMAU, Pulsajet®, JAUCO, JAUMCO</td>
</tr>
<tr>
<td>72070 Heated Air Atomizing Manifold</td>
<td>Sanitary Flange</td>
<td>Min – 2” (51 mm)</td>
<td>36” (914 mm)</td>
<td>316 Stainless Steel</td>
<td>Air Atomizing</td>
<td>JAU</td>
</tr>
<tr>
<td>98250 Manifold</td>
<td>Threaded</td>
<td>Adjustable</td>
<td>20’ (6.1 m)</td>
<td>Aluminum</td>
<td>Both Available</td>
<td>Pulsajet</td>
</tr>
</tbody>
</table>
SPRAY MANIFOLD OPTIONS

46440 Block Manifold
- Threaded or sanitary connections
- Available for hydraulic or air atomizing nozzles (automatic or non-automatic)
- Can be used with steam
- Heated and non-heated versions are available

53500, 54000, 54500 Modular Air Atomizing Manifolds
- Lightweight design for fast, easy set-up and maintenance
- Streamlines tubing and fittings; simplifies cleaning
- Easy disassembly and reassembly to minimize downtime
- Designs available for industrial, food processing and pharmaceutical applications
- 54500 manifold is heated for use with viscous liquids

58400 and 58800 Compact Air Atomizing Manifolds
- Lightweight, compact design for easy installation
- Allows spray nozzles to be serviced while keeping piping in place
- Recirculating design

PLACING YOUR ORDER

Call 1.630.665.5000 for applications assistance or to place an order.
**63600 Sanitary Manifolds**
- Lightweight for easy installation and removal
- Sanitary 316L tubing with polished outside surfaces
- Large diameter liquid passages with minimal pressure drop to help ensure consistent flow
- Available for hydraulic or air atomizing nozzles
- Optional hot water jacket to improve flow of viscous coatings

**72070 Heated Air Atomizing Manifolds**
- Sanitary connections
- For use with air atomizing nozzles (automatic or non-automatic)
- For use with viscous liquids

**98250 Manifold**
- Compact design with rigid aluminum structure also functions as fluid passage
- Can be configured with flexible lengths, number of nozzles and nozzle spacing
- Dual inlet ports can be used for liquid recirculation
- Standard wetted components constructed of aluminum, rubber, Buna, nickel-plated brass and nylon tubing

---

**PLACING YOUR ORDER**

Call 1.630.665.5000 for applications assistance or to place an order.