**Model FD**

The **Model FD Fluidizer Disk** combines aeration and vibration to solve the most difficult bulk solid flow applications. The special design creates a vibration as the air flows between the pads boot and bin wall. This provides a very effective flow aid for all types of dry products. Plus the FD does not require a specific air pressure for operation. Your pneumatic system pressure can range from 29 to 87 psi.

**FEATURES**
- Self cleaning
- Abrasion-resistant
- Easy to install
- Food grade
- Economical

**SPECIFICATIONS**
- **Temperature Limits:** -40 to 340°F (-40 to 170°C).
- **Air Supply:** 29 to 87 psi (2 to 6 bar).
- **Air Connection:** See chart.
- **Material:** Disk: Silicon 50 SH (A) Elastosil (FDA approved); Center shaft: 304 SS; Sealing washer: EPDM; Flat washer: Galvanized steel; Hexagonal nuts: Nickel plated brass.
- **Weight:** 7.9 oz (0.23 kg).

<table>
<thead>
<tr>
<th>Air Consumption</th>
<th>29 psi (2 bar)</th>
<th>58 psi (4 bar)</th>
<th>87 psi (6 bar)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CFM</td>
<td>LPM</td>
<td>CFM</td>
<td>LPM</td>
</tr>
<tr>
<td>100</td>
<td>3.53</td>
<td>150</td>
<td>5.29</td>
</tr>
</tbody>
</table>

**Model MFD-1, Fluidizer Disk ................................................. $29.50**

Silo cutaway showing FD in use.

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**Model MFD**

The **Model MFD Micro Fluidizer Disk** combines aeration and vibration to solve the most difficult bulk solid flow applications. The micro disk is half the size of standard disk, capable of fitting into tight locations. The special design creates a vibration as the air flows between the pads boot and bin wall. This provides a very effective flow aid for all types of dry products. Plus the MFD does not require a specific air pressure for operation. Your pneumatic system pressure can range from 29 to 87 psi.

**FEATURES**
- Self cleaning
- Abrasion-resistant
- Easy to install
- Food grade
- Economical

**SPECIFICATIONS**
- **Temperature Limits:** -40 to 340°F (-40 to 170°C).
- **Air Supply:** 29 to 87 psi (2 to 6 bar).
- **Air Connection:** See chart.
- **Material:** Disk: Polyurethane sintup 70A (FDA approved); Center shaft: Aluminum; Sealing washer: EPDM; Flat washer: Galvanized steel; Hexagonal nuts: Nickel plated brass.
- **Weight:** 2.5 oz (0.07 kg).

<table>
<thead>
<tr>
<th>Air Consumption</th>
<th>29 psi (2 bar)</th>
<th>58 psi (4 bar)</th>
<th>87 psi (6 bar)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CFM</td>
<td>LPM</td>
<td>CFM</td>
<td>LPM</td>
</tr>
<tr>
<td>70</td>
<td>2.47</td>
<td>90</td>
<td>3.17</td>
</tr>
</tbody>
</table>

**Model MFD-1, Micro Fluidizer Disk ................................................. $26.25**

Silo cutaway showing MFD in use.