530 Fluid Regulator
One-Component Material Pressure Regulator Valves

Air Operated for Precise Pressure Regulation

Valve Data

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dry Weight*</td>
<td>17.6 lbs. (8 kg)</td>
</tr>
<tr>
<td>Maximum Inlet Fluid Pressure</td>
<td>5,000 PSI (345 bar)</td>
</tr>
<tr>
<td>Minimum Inlet Air Pressure</td>
<td>60 PSI (4.2 bar)</td>
</tr>
<tr>
<td>Operation</td>
<td>Double Air Operated; air to open, air to close</td>
</tr>
<tr>
<td>Material Delivery</td>
<td>Pressure Tank, Pressure Pump</td>
</tr>
<tr>
<td>Viscosity Range</td>
<td>Liquid to Paste</td>
</tr>
</tbody>
</table>

*Standard aluminum body

Application Solutions

- Aircraft and Aerospace
- Appliance
- Battery
- Construction
- Electronics and Electrical
- Filters
- Lighting and LED
- Solar and Wind Power

Benefits

- Longer Lifespan
  - Wear-resistant seals and hardened components
  - Unrestricted internal design allows for the free flow of high viscosity materials
  - Divorced design separates fluid components from air components
- Quality Dispensing
  - Accurately controls high pressure systems

Features

- High pressure capability
- Wear resistant materials for long life
- Unique design allows for easy maintenance
- Available in all stainless steel construction
- Multiple seal configurations are available
Frequently Used Models**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>7425734</td>
<td>Aluminum body</td>
</tr>
<tr>
<td>7428166</td>
<td>Stainless steel body</td>
</tr>
</tbody>
</table>

*Consult your Nordson representative with application specifics for accurate valve capabilities.
*Many additional models and options are available.

For more information, speak with your Nordson representative or contact your Nordson regional office.

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