BF Mod-Plus Electric Valve - Adhesive Applicator

The BF MOD-PLUS ELECTRIC VALVE adhesive applicator is an electrically operated, single or multi-orifice hot melt adhesive applicator assembly with an integrated filter cartridge that prevents particulate matter from obstructing flow through the nozzle orifice. It is used with constant adhesive pressure hot melt adhesive supply units (ASUs).

**BF Mod-Plus Electric Valve Applicator:**

- Platinum sensor provides better temperature control over nickel sensors
- Compatible with most competitive configurations
- Water resistant optional
- Built-in, heated filter has the largest surface area on the market, resulting in longer filter life and less nozzle clogging

**Reliability**
Absence of internal working seals increases cycle life over air-operated applicators

**Performance**
Built-in, heated filter better maintains a clean nozzle orifice.

**Simplicity**
No air required to open or close the applicator valve.

**The Dynatec Difference...**

More Filter - Less Clogging

All BF hot melt applicators from ITW Dynatec feature a built-in, heated filter standard with over 6 times the surface area of competitive filters. Because the filter surface is larger, the filter maintains a longer life span and reduces nozzle clogging better than the competition’s standard filters. The filter is built into the applicator head itself, which helps it maintain a better working temperature for the adhesive being used in the application – further reducing the chances of the adhesive clogging the nozzle orifice. As an added bonus, the filter purge valve allows for easy back flushing, which increases filter life and even further reduces nozzle clogging.
### BF Mod-Plus Electric Valve - Adhesive Applicator

<table>
<thead>
<tr>
<th>System</th>
<th>BF Mod-Plus Electric Valve</th>
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<tbody>
<tr>
<td>Operating Temperature Range</td>
<td>38°C to 218°C (100°F to 425°F)</td>
</tr>
<tr>
<td>Minimum Adhesive Pressure</td>
<td>None</td>
</tr>
<tr>
<td>Maximum Adhesive Pressure</td>
<td>68 bar (1,000 psi)</td>
</tr>
<tr>
<td>Minimum Adhesive Viscosity</td>
<td>None</td>
</tr>
<tr>
<td>Maximum Adhesive Viscosity</td>
<td>6,000 cps</td>
</tr>
<tr>
<td>Maximum Flow Rate</td>
<td>650cc/min @1,000cps</td>
</tr>
<tr>
<td>Maximum On/Off Cycle Speed</td>
<td>6,000 cycles/minute @1,200cps or less</td>
</tr>
</tbody>
</table>

* Specifications are based on 1,000 cps adhesive.

### More Filter - Less Clogging
- Over 6 times the surface area of competitive standard filters.
- Longer filter life and less nozzle clogging over competitive standard filters.
- Built-in filter is heated for better adhesive temperature control.
- Built-in filter purge valve for easy back flushing further increases filter life and reduces nozzle clogging issues.

### Dimensions

<table>
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<tr>
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<tbody>
<tr>
<td>Height (H)</td>
</tr>
<tr>
<td>Depth (D)</td>
</tr>
<tr>
<td>Width (W)</td>
</tr>
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</table>

*Competitive Filter vs BF Filter*

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ITW Dynatec reserves the right to discontinue or change specifications, designs, materials and equipment without notice or obligation.

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