Nordson DuraBlue L Series melters feature fixed-speed AC motors with gerotor gear pumps for easy to operate, low-maintenance hot melt adhesive application. A non-stick coated, tube tank eliminates dead corners and minimizes adhesive char. Pump operation can be controlled by a handgun trigger or a foot switch.

**DuraBlue melters:**
- Are easy to install
- Provide easy day-to-day operation
- Simplify routine maintenance

[Image of DuraBlue L Series melters with text descriptions]
Specifications

Type of System
Tank with gerotor pump

Maximum Pump Rate\(^1\)
22, 35 or 50 kg
(48, 77 or 110 lb)

Number of Hoses/Guns
2

Filter Type\(^2\)
Saturn® basket-style filter

Maximum Working Hydraulic Pressure\(^3\)
75 bar (1100 psi)

Operating Temperature Range
40 to 230°C (100 to 450°F)

Ambient Temperature Range
0 to 50°C (32 to 122°F)

Temperature Control Stability
±0.5°C (1°F)

Electrical Service\(^4\)
120 VAC single phase 60 Hz
200 to 240 VAC single phase 50/60 Hz

### Holding Capacity

<table>
<thead>
<tr>
<th>DuraBlue 4 L</th>
<th>DuraBlue 10 L</th>
<th>DuraBlue 16 L</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.9 kg (8.6 lb)</td>
<td>9.7 kg (21.4 lb)</td>
<td>15.5 kg (34.1 lb)</td>
</tr>
<tr>
<td>4 L (244 in(^3))</td>
<td>10 L (610 in(^3))</td>
<td>16 L (976 in(^3))</td>
</tr>
</tbody>
</table>

### Throughput (per hour)\(^5\)

<table>
<thead>
<tr>
<th>DuraBlue 4 L</th>
<th>DuraBlue 10 L</th>
<th>DuraBlue 16 L</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.3 kg (13.9 lb)</td>
<td>12.5 kg (27.5 lb)</td>
<td>20 kg (44 lb)</td>
</tr>
<tr>
<td>6.3 kg (13.9 lb)</td>
<td>12.5 kg (27.5 lb)</td>
<td>20 kg (44 lb)</td>
</tr>
</tbody>
</table>

### Melt Rate (per hour)\(^5\)

<table>
<thead>
<tr>
<th>DuraBlue 4 L</th>
<th>DuraBlue 10 L</th>
<th>DuraBlue 16 L</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.7 kg (10.3 lb)</td>
<td>7.7 kg (17 lb)</td>
<td>11.2 kg (24.7 lb)</td>
</tr>
<tr>
<td>4.7 kg (10.3 lb)</td>
<td>7.7 kg (17 lb)</td>
<td>11.2 kg (24.7 lb)</td>
</tr>
</tbody>
</table>

### Maximum System Power Capacity

<table>
<thead>
<tr>
<th>DuraBlue 4 L</th>
<th>DuraBlue 10 L</th>
<th>DuraBlue 16 L</th>
</tr>
</thead>
<tbody>
<tr>
<td>2400 watts</td>
<td>2400 watts</td>
<td>2400 watts</td>
</tr>
<tr>
<td>3355 watts</td>
<td>3915 watts</td>
<td>4415 watts</td>
</tr>
</tbody>
</table>

### Approx. Weight (empty)

<table>
<thead>
<tr>
<th>DuraBlue 4 L</th>
<th>DuraBlue 10 L</th>
<th>DuraBlue 16 L</th>
</tr>
</thead>
<tbody>
<tr>
<td>42 kg (92 lbs)</td>
<td>76 kg (168 lbs)</td>
<td>80 kg (175 lbs)</td>
</tr>
</tbody>
</table>

### Dimensions

<table>
<thead>
<tr>
<th>DuraBlue 4 L</th>
<th>DuraBlue 10 L</th>
<th>DuraBlue 16 L</th>
</tr>
</thead>
<tbody>
<tr>
<td>334 mm (13.1 in.)</td>
<td>441 mm (17.4 in.)</td>
<td>441 mm (17.4 in.)</td>
</tr>
<tr>
<td>478 mm (18.8 in.)</td>
<td>649 mm (25.5 in.)</td>
<td>649 mm (25.5 in.)</td>
</tr>
<tr>
<td>552 mm (21.7 in.)</td>
<td>620mm (24.4 in.)</td>
<td>620 mm (24.4 in.)</td>
</tr>
</tbody>
</table>

\(^1\) Values shown for melter @ 60 Hz.
\(^2\) Filter not available on all melters.
\(^3\) Maximum pressure varies by unit.
\(^4\) Permitted deviation from rated line voltage is ±10%.
\(^5\) At 240 volts; actual rates will vary depending on adhesive type, application parameters and input voltage.

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

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