

DuraBlue L Series

Adhesive Melters

4, 10 and 16 liter melters

DuraBlue melters:

- Are easy to install
- Provide easy day-to-day operation
- Simplify routine maintenance

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.



Status-at-a-glance indicators graphically display the status of the tank, hose and gun



Large, accessible tank opening allows easier filling and cleaning



Easy-to-use controls eliminate complicated programming



Easy access panels make maintenance quick and simple

 Nordson

DuraBlue L Series Adhesive Melters

Specifications

| | |
|----------------------------------------------------|--------------------------------------------------------------------|
| Type of System | Tank with gerotor pump |
| Maximum Pump Rate ¹ (per hour) | 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 |



Quick plug-in
hose/gun pairs

| | DuraBlue 4 L | DuraBlue 10 L | DuraBlue 16 L |
|-------------------------------------|------------------------------------------------|--------------------------------------------------|-----------------------------|
| Holding Capacity 3.9 kg (8.6 lb) | 4 L (244 in ³) 9.7 kg (21.4 lb) | 10 L (610 in ³) 15.5 kg (34.1 lb) | 16 L (976 in ³) |
| Throughput (per hour) ⁵ | 6.3 kg (13.9 lb) | 12.5 kg (27.5 lb) | 20 kg (44 lb) |
| Melt Rate (per hour) ⁵ | 4.7 kg (10.3 lb) | 7.7 kg (17 lb) | 11.2 kg (24.7 lb) |
| Maximum System Power Capacity | | | |
| @120 VAC | 2400 watts | 2400 watts | 2400 watts |
| @240 VAC | 3355 watts | 3915 watts | 4415 watts |
| Approx. Weight (empty) | 42 kg (92 lbs) | 76 kg (168 lbs) | 80 kg (175 lbs) |
| Dimensions | | | |
| Width | 334 mm (13.1 in.) | 441 mm (17.4 in.) | 441 mm (17.4 in.) |
| Height | 478 mm (18.8 in.) | 649 mm (25.5 in.) | 649 mm (25.5 in.) |
| Depth | 552 mm (21.7 in.) | 620mm (24.4 in.) | 620 mm (24.4 in.) |

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.



240 VAC units are CE-compliant.
120 VAC units are C-UL listed.

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

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