

DuraBlue® L Series Adhesive Melters



4, 10 and 16 liter melters

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 Teflon® 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



Easy-to-use controls eliminate complicated programming



Large, accessible tank opening allows easier filling and cleaning



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



Easy access panels make maintenance quick and simple



DuraBlue® L Series Adhesive Melters

Specifications

Type of System	Tank with gerotor pump
Maximum Pump Rate¹ (per hour)	22, 35 or 50 kg (48, 77 or 110 lb)
Number of Hoses/Guns	2
Filter Type²	Saturn® basket-style filter
Maximum Working Hydraulic Pressure³	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 Service⁴	120 VAC single phase 60 Hz, 200 to 240 VAC single phase 50/60 Hz



	DuraBlue 4 L	DuraBlue 10 L	DuraBlue 16 L
Holding Capacity	4 L (244 in ³) 3.9 kg (8.6 lb)	10 L (610 in ³) 9.7 kg (21.4 lb)	16 L (976 in ³) 15.5 kg (34.1 lb)
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.)



Quick plug-in
hose/gun pairs

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.

Teflon is a registered trademark of E.I. DuPont de Nemours and Company



240 VAC units are C-UL US certified and CE compliant.
 120 VAC units are C-UL certified.

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

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