



# ECONOMAX™ D

## STANDARD FEATURES

### Air Handling

- Adjustable air displacement and evacuation systems
- Exhaust blower evacuates up to 3964 l/min (140 cfm)

### Certification

- CE & UL compliant: Built to specifications established by the European Committee for Standardization® (CE) and Underwriters Laboratories® (UL)

### Control Center

- After the dryer has been turned off, the blowers and belt will continue to run until the heat chamber has cooled
- Digital keypad with digital display
- PID (Proportional Integral Differential) allows the dryer to power up gradually to avoid maximum amperage loads during initial warmup
- PID (Proportional Integral Differential) helps maintain even temperatures during production by phasing on and off rather than using the full-load/no-load approach

### Conveyor System

- Conveyor belt is made of heat-resistant, Teflon®-coated fiberglass
- Driven by a reliable, heavy-duty, variable-speed DC motor
- Large anodized aluminum rollers are crowned for positive belt tracking

### Design & Construction

- Adjustable entry/exit openings
- Air-cooled cabinet ensures long life for electrical components
- Circuit breakers allow easy reset
- Low-profile design makes it easier to see over the dryer
- On its side with legs folded, Economax D can fit through a 78 cm (31") doorway

### Energy Efficiency

- CoolSkin™ technology leaves the dryer skin cool to the touch
- Economax D is the most energy-efficient dryer in its class
- Fast curing rates and high product throughput maximize dryer capacity and minimize per-unit cost
- Fuzzy-Logic controller ensures consistency by keeping heat within 1° of target temperature at the thermocouple
- Heavy-duty thermal insulation prevents heat from migrating into the workplace
- Process temperature and set temperature are displayed and controlled digitally

### Heat Chamber

- Infrared radiant panel array
- Radiant panels are height adjustable

### Productivity

- Economax D has higher production capacity than any dryer in its class

### Warranty, Service and Support

- 24-hour hotline is staffed 365 days a year
- Access to M&R's Training Center
- Parts & supplies are available online at [store.mrprint.com](http://store.mrprint.com)
- Two-year limited warranty

## OPTIONS

### Conveyor System

- Infeed conveyor can be extended by 60 cm (24")

### Design & Construction

- Short legs are available for tabletop use

### Heat Chamber

- Third radiant panel increases productivity

## SPECIFICATIONS

	Economax D-2	Economax D-3
Belt Width	61 cm (24")	61 cm (24")
Electrical Requirements <sup>1</sup>	208/230 V, 1 ph, 26/28 A, 50/60 Hz, 4.7 kW 208/230 V, 3 ph, 16/17 A, 50/60 Hz, 4.7 kW 380/415 V, 3 ph, 10/11 A, 50/60 Hz, 4.7 kW	208/230 V, 1 ph, 37/41 A, 50/60 Hz, 7.5 kW 208/230 V, 3 ph, 23/25 A, 50/60 Hz, 7.5 kW 380/415 V, 3 ph, 14/15 A, 50/60 Hz, 7.5 kW
Exhaust Blower System <sup>2,3</sup>	10 cm (4"): 3964 l/min (140 cfm) @ 3 mm (1/8")	10 cm (4"): 3964 l/min (140 cfm) @ 3 mm (1/8")
Heat Chamber Length	114 cm (45")	114 cm (45")
Overall Length	239 cm (94")	239 cm (94")
Overall Width	84 cm (33")	84 cm (33")
Radiant Panels	2	3
Shipping Weight	218 kg (480 lb)	227 kg (500 lb)
Standard Infeed Length	76 cm (30")	76 cm (30")
Standard Outfeed Length	48 cm (19")	48 cm (19")

<sup>1</sup> If incoming voltage differs from the voltage(s) listed in this brochure, calculate amperage accordingly. Other electrical configurations are available: Contact The M&R Companies for details.

<sup>2</sup> Measured at the exhaust discharge port

<sup>3</sup> Static pressure