



## CSP Safety Ovens

This small, cost-effective industrial safety oven meets NFPA Bulletin 86 requirements for handling solvents and expelling hazardous vapor. Ideal for industrial safety oven applications such as flash curing paint samples, drying solvents, curing epoxies or adhesives. This industrial safety oven is also useful in laboratories that require a variety of product loads.

### ► Features:

- CSP industrial safety oven operating range
- Rugged industrial safety oven construction
- Reliable industrial safety oven heating elements
- Volatile fume exhaust system
- Safety relief panel
- Advanced controls
- Safety purge timer
- Independent over-temperature protection
- Flexible product loading



|   | Single oven configuration (horizontal air flow) | Single oven configuration (vertical air flow) | Stacked oven configuration (vertical air flow) |
|---|---|---|--|
| Work space dimensions W x D x H inches (mm) | 18.9 x 15 x 18 (480 x 381 x 457.2)              | 18 x 15 x 18.9 (457.2 x 381 x 480)            | 18 x 15 x 18.9 (457.2 x 381 x 480)             |
| # of work spaces                            | One (1)   | One (1)                                       | Two (2)  |
| Work space volume cu. ft. (liters)          | 3.0 (85)  | 3.0 (85)                                      | 6.0 (170) total                                |
| Overall dimensions W x D x H inches (mm)    | 31 x 35 x 50 (787.4 x 889 x 1270)               | 45 x 35 x 40 (1143 x 889 x 1016)              | 45 x 35 x 71 (1143 x 889 x 1803.4)             |
| Machine footprint                           | 7.5 sq. ft.                                     | 10.9 sq. ft.                                  | 10.9 sq. ft.                                   |
| Machine weight Lbs. (kg)                    | 300 (136.4)                                     | 300 (136.4)                                   | 600 (272.8)                                    |
| Floor load                                  | 40 lbs./sq. ft.                                 | 27.5 lbs./sq. ft.                             | 55 lbs./sq. ft.                                |

► **Options:**

- Profiling controller with digital communications
- Nickel-plated or stainless steel shelves
- Digital process timer
- Circular chart recorder
- Floor stand
- Fused power disconnect mounted on unit

| Electrical Service | Maximum current draw                                     |   |
|--------------------|--|---|
|                    | Single oven configuration/ Line current heating capacity | Stacked oven configuration/ Line current heating capacity |
| 208 V/1 ph/60Hz    | 30 amperes / 5.3 kW                                      | 60 amperes / 2 x 5.3 kW                                   |
| 240 V/1 ph/60Hz    | 34 amperes / 7 kW  | 68 amperes / 2 x 7 kW                                     |

Temperature Range: +10°C above ambient to +343°C (+650°F)

Temperature uniformity: 1.5% of setpoint after stabilization with exhaust

Control accuracy: 0.25% of setpoint

**All specifications are subject to change without notice.**



**Baker Furnace, Blue M, Gruenberg, Lindgerg/MPH,  
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*Specifications and Product Information are subject to change without notice.*