



Blue M

Ultra-Temp Standard High Temperature Convection Ovens

Ultra-Temp® Standard

The Blue M Standard Ultra-Temp® High-Temperature Industrial Oven is ideal for annealing, heat treating, stress relieving, binder burn-out, ceramic firing and a number of other high-temperature processes.

▶ Ultra-Temp High Temperature Industrial Oven Features

- Welded and sealed inner chamber eliminates fume migration into the insulation
- Heat shielded doors for low skin temperature
- 6" of mineral wool insulation to minimize heat loss
- Blue M tadpoledoor gasket design
- Blue M Pivot Lock door latch to seal gaskets at the highest operating temperatures
- Safety door switch shuts down heaters and blower when door opens

▶ Ultra-Temp High Temperature Industrial Oven Options

- Stainless steel shelves
- 24-hour, 7-day digital timer
- Circular chart recorder
- Reverse door hinge
- Motorized exhaust damper
- Comm-Link RS-485 to RS-232 converter



<i>Condensed Specifications</i>					
<i>Model</i>	<i>5580</i>	<i>6680</i>	<i>7780</i>	<i>8880</i>	<i>9980</i>
Interior Volume	1.6 cu. ft.	4.2 cu. ft.	5.8 cu. ft.	11.0 cu. ft.	24.0 cu. ft.
Interior Dimensions WxDXH inches (mm)	14 x 14 x 14 (356 x 356 x 356)	20 x 18 x 20 (508 x 457 x 508)	25 x 20 x 20 (635 x 508 x 508)	38 x 20 x 25 (965 x 508 x 635)	48 x 24 x 36 (1219 x 610 x 914)
Exterior Dimensions WxDXH inches (mm)	44 x 32 x 61 (1118 x 813 x 1549)	52 x 36 x 67 (1320 x 914 x 1702)	55 x 38 x 67 (1397 x 965 x 1702)	77 x 39 x 72 (1956 x 991 x 1829)	91 x 45 x 77 (2311 x 1145 x 1955)
Machine Footprint	9.7 sq. ft.	12.5 sq. ft.	14.5 sq. ft.	24.0 sq. ft.	32.2 sq. ft.
Electrical Service					
208 VAC 3 Ph 50/60 Hz Line current (per ph)	9.0 kW 30	12.0 kW 38	15.7 kW 47	18.8 kW 59	22.5 kW 72
240 VAC 3 Ph 50/60 Hz Line current (per ph)	12.0 kW 34	16.0 kW 43	21.0 kW 54	25.0 kW 68	30.0 kW 82
480 VAC 3 Ph 50/60 Hz Line current (per ph)	N/A	16.0 kW 21	21.0 kW 27	25.0 kW 32	30.0 kW 41

► **General High Temperature Convection Ovens Specifications**

- Temperature range: 15°C above ambient to 704°C (1300°F)
- Uniformity: +/- 2% of setpoint
- Control Accuracy: +/- 0.5°C
- Resolution: +/- 0.1°C

Empty chamber performance with exhaust closed and at rated voltage

► **Ultra-Temp® Options**

- Stainless steel shelves
- 24-hour, 7-day digital timer
- Circular chart recorder
- Reverse door hinge
- Motorized exhaust damper
- Comm-Link RS-485 to RS-232 converter

► **Engineered Options**

- Vycor® glass observation panel
- Redundant overtemperature protection
- Lead-in ports
- Special control systems



Arizona Office

Gary Carlin
 15811 Palisades Blvd.
 Fountain Hills AZ 85268
 PH: 480.816.1514
 Mobil: 480.816.1590
 gcarlin@techequipsales.com

Technical Equipment Sales Inc.
Manufacturers Representatives

Colorado Office

Mike Crowe
 PO Box 281
 Severance CO 80548
 PH: 970.674.1799
 Mobil: 303.809.5556
 mcrowe@techequipsales.com