



Ultra-Temp® Inert Gas Convection Ovens

The Blue M Ultra-Temp® Inert Gas High-Temperature Oven, pressure tested at operating temperatures, is suitable for all inert gases and non-flammable forming gases (maximum 4% hydrogen, balance nitrogen).

► Features

- Heavy-gauge steel exterior
- Exterior panels are at least 16 gauge
- All welded and sealed inner chamber construction
- 304 stainless steel
- Full 1/2-inch steel front chamber mounting plate
- Baked-on powder-coated enamel finish
- Mineral wool insulation - 6 full inches
- Fiberglass tadpole door gasket
- Dual-gasket door seal design maintains seal integrity at temperatures to 593°C (1099°F)
- Standard safety door switch

► Uniform, Accurate and Reliable Temperature Control

- Profiling temperature controls
- Horizontal air flow
- Inert gas controls
- Purge timer
- Chamber pressure gauge and pressure relief valve
- Adjustable flow meter and purge bypass valve
- Forced air-cooled outer chamber design
- Gas delivery system
- High-temperature blower system



Condensed Specifications				
Model	6680*	7780*	8880**	9980**
Interior Volume	4.2 cu. ft.	5.8 cu. ft.	11.0 cu. ft.	24.0 cu. ft.
Interior Dimensions WxDXH in. (cm)	20 x 18 x 20 (50.8 x 45.72 x 50.8)	25 x 20 x 20 (63.5 x 50.8 x 50.8)	38 x 20 x 25 (96.52 x 50.8 x 63.5)	48 x 24 x 36 (121.92 x 60.96 x 91.44)
Exterior Dimensions WxDXH in. (cm)	46 x 36 x 71 (116.84 x 91.44 x 180.34)	51 x 38 x 71 (129.5 x 96.52 x 180.34)	86 x 38 x 76 (218.44 x 96.52 x 193.04)	96 x 43 x 81 (243.84 x 109.22 x 205.74)
Machine Footprint	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)	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)	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)	16.0 kW 21	21.0 kW 27	25.0 kW 32	30.0 kW 41

*Inner door available on these models.

**Due to the high process temperatures, a water cooled door may be desired to help keep the door seals cool. This option comes standard on these models.

▶ Ultra-Temp® Options

- Stainless steel shelves
- 24-hour, 7-day digital timer
- Circular chart recorder
- Reverse door hinge (available on 6680 & 7780 only)
- Comm-Link RS-485 to RS-232 converter

Engineered Options

- ▶ • Redundant over-temperature protection
- Lead-in ports
- Special control systems



**Baker Furnace, Blue M, Gruenberg, Lindberg/MPH,
Lunaire, Tenney, Wisconsin Oven**

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Specifications and Product Information are subject to change without notice.