



## »» Gruenberg

Bench Ovens

### Bench Ovens

Thermal Product Solutions designs and manufactures a complete line of standard as well as custom bench ovens to accommodate a variety of thermal processing applications. Bench ovens are designed to reach temperatures up to 649°C (1200°F) and are ideal for general lab work, component testing, aging, core hardening, drying or preheating. And, with additional options, they can also be used for applications such as paint baking, plastic curing, varnish baking, sterilizing, rubber and epoxy curing, textile drying, stress relieving and annealing.

#### ► Features

- Heavy-duty, fully welded structural steel frame
- CHIL construction ensures minimal heat transfer from oven chamber to the exterior
- Removable side and back walls for easy clean-up and maintenance
- Insulation is moisture-proof, non-combustible, non-settling and asbestos-free
- Energy-efficient, Incoloy® sheathed, seamless tubular heaters are standard
- Heating elements are suspended in the plenum adjacent to, but separate from, the process chamber
- High-volume compound horizontal air flow system to ensure uniform heat distribution while optimizing heating and drying efficiencies



Temperatures to 450°F

Capacity ft <sup>3</sup>	Maximum Temperature	Air flow	Interior Dimensions W" x D" x H" (cm)	Shipping Weight	Model Number
4.6	450°F	Horizontal	20 x 20 x 20 (50.8 x 50.8 x 50.8)	300	B45H46
10	450°F	Horizontal	26 x 26 x 26 (66 x 66 x 66)	370	B45H100
15.6	450°F	Horizontal	30 x 30 x 30 (76.2 x 76.2 x 76.2)	570	B45H156
27	450°F	Horizontal	36 x 36 x 36 (91.4 x 91.4 x 91.4)	900	B45H270

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10	550°F	Horizontal	20 x 20 x 20 (66 x 66 x 66)	550	B55H100
15.6	650°F	Horizontal	30 x 30 x 30 (76.2 x 76.2 x 76.2)	600	B65H156
27	650°F	Horizontal	36 x 36 x 36 (91.4 x 91.4 x 91.4)	950	B65H270

### Temperatures to 800°F

Capacity ft <sup>3</sup>	Maximum Temperature	Air flow	Interior Dimensions W" x D" x H" (cm)	Shipping Weight	Model Number
4.6	800°F	Comp. Horiz.	20 x 20 x 20 (50.8 x 50.8 x 50.8)	450	B80C46
10	800°F	Comp. Horiz.	26 x 26 x 26 (66 x 66 x 66)	550	B80C100
15.6	800°F	Comp. Horiz.	30 x 30 x 30 (76.2 x 76.2 x 76.2)	800	B80C156
27	800°F	Comp. Horiz.	36 x 36 x 36 (91.4 x 91.4 x 91.4)	1100	B80C270

### Temperatures to 1000°F

Capacity ft <sup>3</sup>	Maximum Temperature	Air flow	Interior Dimensions W" x D" x H" (cm)	Shipping Weight	Model Number
4.6	1000°F	Comp. Horiz.	20 x 20 x 20 (50.8 x 50.8 x 50.8)	450	B100C46
10	1000°F	Comp. Horiz.	26 x 26 x 26 (66 x 66 x 66)	550	B100C100
15.6	1000°F	Comp. Horiz.	30 x 30 x 30 (76.2 x 76.2 x 76.2)	800	B100C156
27	1000°F	Comp. Horiz.	36 x 36 x 36 (91.4 x 91.4 x 91.4)	1100	B100C270

### Temperatures to 1200°F

Capacity ft <sup>3</sup>	Maximum Temperature	Air flow	Interior Dimensions W" x D" x H" (cm)	Shipping Weight	Model Number
4.6	1200°F	Comp. Horiz.	20 x 20 x 20 (50.8 x 50.8 x 50.8)	450	B120C46
10	1200°F	Comp. Horiz.	26 x 26 x 26 (66 x 66 x 66)	605	B120C100
15.6	1200°F	Comp. Horiz.	30 x 30 x 30 (76.2 x 76.2 x 76.2)	880	B120C156
27	1200°F	Comp. Horiz.	36 x 36 x 36 (91.4 x 91.4 x 91.4)	1210	B120C270

All specifications are subject to change without notice.



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