



»» Gruenberg

Top-Loading Ovens

Top-Loading Industrial Ovens for Burn-In, Calibration and Down-hole Simulation

Gruenberg designs and manufactures a complete line of standard and custom top-loading ovens to accommodate a variety of thermal processing applications. Top-loading ovens are designed to reach temperatures of 1000°F and are ideally suited for:

- Oil and gas drill sites
- Down-hole condition simulation
- Electronic instrument calibration
- Core hardening
- Preheating
- Component testing
- Stress relieving
- Heat treating
- Tempering

The custom top-loading ovens simulate the down-hole thermal conditions in oil and gas drilling operations. The ovens can be used to calibrate electronic logging instruments and for drilling equipment burn-in. The ovens feature heavy duty dollies and can be used right at the drill site.

Oven temperatures reach a maximum of 1000°F and accommodate various capacities ranging from 4.6 to 27 cubic feet. The ovens load from the top to allow heavy equipment to be loaded into the test chamber by crane.



Non-metallic models are available



THERMAL PRODUCT SOLUTIONS

»» Blue M »» Gruenberg »» Lindberg/MPH »» Tenney

450°F Maximum Temperature

Capacity ft ³	Maximum Temperature	Air flow	Interior Dimensions W" x D" x H" (cm)	Exterior Dimensions W" x D" x H" (cm)	Circulation CFM	Heater Wattage (KW)	Insulation Thickness (inches)	Shipping Weight	Model Number
4.6	450°F	Horizontal	20 x 20 x 20 (50.8 x 50.8 x 50.8)	44 x 36 x 29 (111.8 x 91.4 x 73.7)	800	3	4 low	300	TL45C46
7	450°F	Horizontal	30 x 20 x 20 (76.2 x 50.8 x 50.8)	54 x 36 x 29 (137.2 x 91.4 x 73.7)	800	3	4 low	350	TL45C70
8	450°F	Horizontal	24 x 24 x 24 (61 x 61 x 61)	48 x 40 x 33 (121.9 x 101.6 x 83.8)	800	3	4 low	375	TL45C80
10	450°F	Horizontal	30 x 24 x 24 (76.2 x 61 x 61)	54 x 40 x 33 (137.2 x 101.6 x 83.8)	800	6	4 low	400	TL45C100
12.5	450°F	Horizontal	30 x 24 x 30 (76.2 x 61 x 76.2)	54 x 40 x 39 (137.2 x 101.6 x 99.1)	1150	6	4 low	500	TL45C125
15.6	450°F	Horizontal	30 x 30 x 30 (76.2 x 76.2 x 76.2)	54 x 46 x 39 (137.2 x 116.8 x 99.1)	1150	9	4 low	600	TL45C156
27	450°F	Horizontal	36 x 36 x 36 (91.4 x 91.4 x 91.4)	60 x 52 x 45 (152.4 x 132.1 x 114.3)	1900	12	4 low	900	TL45C270

650°F Maximum Temperature

Capacity ft ³	Maximum Temperature	Air flow	Interior Dimensions W" x D" x H" (cm)	Exterior Dimensions W" x D" x H" (cm)	Circulation CFM	Heater Wattage (KW)	Insulation Thickness (inches)	Shipping Weight	Model Number
4.6	650°F	Horizontal	20 x 20 x 20 (50.8 x 50.8 x 50.8)	44 x 36 x 29 (111.8 x 91.4 x 73.7)	800	6	4 low	325	TL65C46
7	650°F	Horizontal	30 x 20 x 20 (76.2 x 50.8 x 50.8)	54 x 36 x 29 (137.2 x 91.4 x 73.7)	800	6	4 low	375	TL65C70
8	650°F	Horizontal	24 x 24 x 24 (61 x 61 x 61)	48 x 40 x 33 (121.9 x 101.6 x 83.8)	800	6	4 low	400	TL65C80
10	650°F	Horizontal	30 x 24 x 24 (76.2 x 61 x 61)	54 x 40 x 33 (137.2 x 101.6 x 83.8)	800	9	4 low	425	TL65C100
12.5	650°F	Horizontal	30 x 24 x 30 (76.2 x 61 x 76.2)	54 x 40 x 39 (137.2 x 101.6 x 99.1)	1150	9	4 low	550	TL65C125
15.6	650°F	Horizontal	30 x 30 x 30 (76.2 x 76.2 x 76.2)	54 x 46 x 39 (137.2 x 116.8 x 99.1)	1150	12	4 low	650	TL65C156
27	650°F	Horizontal	36 x 36 x 36 (91.4 x 91.4 x 91.4)	60 x 52 x 45 (152.4 x 132.1 x 114.3)	1900	15	4 low	1000	TL65C270

All specifications are subject to change without notice.

800°F Maximum Temperature

Capacity ft ³	Maximum Temperature	Air flow	Interior Dimensions W" x D" x H" (cm)	Exterior Dimensions W" x D" x H" (cm)	Circulation CFM	Heater Wattage (KW)	Insulation Thickness (inches)	Shipping Weight	Model Number
4.6	800°F	Horizontal	20 x 20 x 20 (50.8 x 50.8 x 50.8)	44 x 36 x 29 (111.8 x 91.4 x 73.7)	600	9	3 low, 1 high	400	TL80C46
7	800°F	Horizontal	30 x 20 x 20 (76.2 x 50.8 x 50.8)	54 x 36 x 29 (137.2 x 91.4 x 73.7)	600	9	3 low, 1 high	450	TL80C70
8	800°F	Horizontal	24 x 24 x 24 (61 x 61 x 61)	48 x 40 x 33 (121.9 x 101.6 x 83.8)	700	9	3 low, 1 high	475	TL80C80
10	800°F	Horizontal	30 x 24 x 24 (76.2 x 61 x 61)	54 x 40 x 33 (137.2 x 101.6 x 83.8)	850	12	3 low, 1 high	525	TL80C100
12.5	800°F	Horizontal	30 x 24 x 30 (76.2 x 61 x 76.2)	54 x 40 x 39 (137.2 x 101.6 x 99.1)	1000	12	3 low, 1 high	650	TL80C125
15.6	800°F	Horizontal	30 x 30 x 30 (76.2 x 76.2 x 76.2)	54 x 46 x 39 (137.2 x 116.8 x 99.1)	1000	15	3 low, 1 high	750	TL80C156
27	800°F	Horizontal	36 x 36 x 36 (91.4 x 91.4 x 91.4)	60 x 52 x 45 (152.4 x 132.1 x 114.3)	1500	18	3 low, 1 high	1150	TL80C270

1000°F Maximum Temperature

Capacity ft ³	Maximum Temperature	Air flow	Interior Dimensions W" x D" x H" (cm)	Exterior Dimensions W" x D" x H" (cm)	Circulation CFM	Heater Wattage (KW)	Insulation Thickness (inches)	Shipping Weight	Model Number
4.6	1000°F	Horizontal	20 x 20 x 20 (50.8 x 50.8 x 50.8)	44 x 36 x 29 (111.8 x 91.4 x 73.7)	700	12	3 low, 2 high	500	TL100C46
7	1000°F	Horizontal	30 x 20 x 20 (76.2 x 50.8 x 50.8)	54 x 36 x 29 (137.2 x 91.4 x 73.7)	700	12	3 low, 2 high	550	TL100C70
8	1000°F	Horizontal	24 x 24 x 24 (61 x 61 x 61)	48 x 40 x 33 (121.9 x 101.6 x 83.8)	850	12	3 low, 2 high	575	TL100C80
10	1000°F	Horizontal	30 x 24 x 24 (76.2 x 61 x 61)	54 x 40 x 33 (137.2 x 101.6 x 83.8)	1000	15	3 low, 2 high	600	TL100C100
12.5	1000°F	Horizontal	30 x 24 x 30 (76.2 x 61 x 76.2)	54 x 40 x 39 (137.2 x 101.6 x 99.1)	1000	15	3 low, 2 high	750	TL100C125
15.6	1000°F	Horizontal	30 x 30 x 30 (76.2 x 76.2 x 76.2)	54 x 46 x 39 (137.2 x 116.8 x 99.1)	1500	18	3 low, 2 high	900	TL100C156
27	1000°F	Horizontal	36 x 36 x 36 (91.4 x 91.4 x 91.4)	60 x 52 x 45 (152.4 x 132.1 x 114.3)	2500	24	3 low, 2 high	1300	TL100C270

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Specifications and Product Information are subject to change without notice.