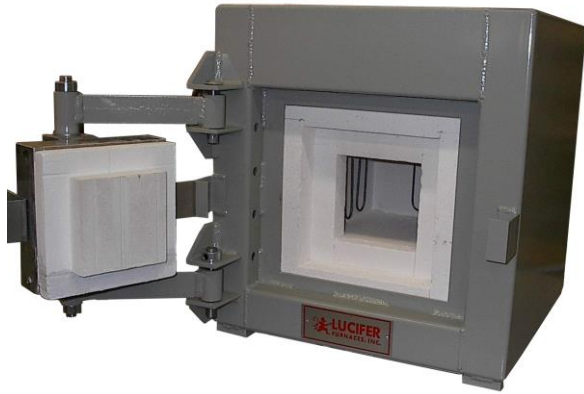


LUCIFER FURNACES

Manufacturer of Industrial Heat Treating Furnaces and Ovens



Series 6000 - Ultra High Temperature Box Furnaces



High temperature furnaces equipped with molybdenum disilicide heating elements and alumina ceramic fiber insulation for rapid heat to 2700°F, 2900°F or 3100°F. Compact lightweight design and low power requirements make these models ideal for R&D, Industry, and Schools for processing ceramics, precious metals and composite materials.

All models are completely wired to N.E.C., assembled, test-fired and shipped ready for connection to main power supply. Available in eight standard models sizes.

Standard Features

- Double wall shell construction with forced air ventilation for low outer surface temperature.
- Premium grades of multi-layered alumina ceramic fiber insulation.
- Molybdenum disilicide heating elements mounted individually along sides and back wall for uniform heat and easy replacement.
- Rapid heating and cooling capability.
- Double-Pivot horizontal swing door with insulated plug keeps hot face surface away from operator.
- Separate NEMA 1 control panel with power transformer and SCR power supply.
- Overtemperature Safety System.
- Honeywell digital temperature controller with type B thermocouple.

Model Specifications

MODEL	CHAMBER			OVERALL			KW	VOLTAGE
	H"	W"	L"	H"	W"	L"		
6033-556	5	5	6	24	18	15	2.5	230/1/60
6033-668	6	6	8	25	19	17	3.5	230/1/60
6033-6610	6	6	10	25	19	19	4.5	230/1/60
6033-8810	8	8	10	27	21	19	6	230/1/60
6033-101010	10	10	10	29	23	21	7.5	230/1/60
6033-101012	10	10	12	29	23	23	8	230/1/60
6033-121212	12	12	12	31	25	23	10	230/1/60
6033-121224	12	12	24	31	25	34	14	230/1/60

Options: Program controllers, timers, recorders, computer interface, gloves and tongs.
Also available in Tube, Top, and Bottom Load models.

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