

# 7000 LI FIBER-LINED BOX FURNACES



## INERT ATMOSPHERE GT BOX FURNACE

Bench and floor models designed with lightweight ceramic fiber insulation for energy saving low power input and maximum heating efficiency for operation to 2200°F. Coil wound heating elements fully supported on ceramic rods for rapid radiation with faster heat up rates. This unique design provides easy element access and low cost, individual replacement of wires. Idea for hardening, drawing, preheating, annealing, brazing, normalizing and special applications in air atmosphere.

Ruggedly constructed and rated for work loads up to 40 lbs. per square foot of hearth area. All models are completely wired to N.E.C. standards, assembled, test fired and shipped ready for connection to main power supply. Compact design, easy installation, and simple, safe, dependable operation.

## STANDARD FEATURES

- Welded sheet metal shell construction with structural reinforcement.
- Heavy gauge coil wound low-watt density heating elements for longer life.
- Multi-layered energy efficient lightweight ceramic fiber and mineral wool block insulation for maximum heat storage and minimum heat loss.
- Elements are mounted individually on ceramic rods located on side walls for uniform temperature.



Model LI7-M18

- Heat up rate to 2000°F in 45 minutes.
- Easy, low-cost element replacement.
- Hearth plate for load support and floor insulation protection.
- Horizontal swing door with adjustable latch for positive seal.
- Safety micro-switch shuts off power to elements when the door opens.
- Eurotherm digital temperature controller with type K thermocouple and magnetic contactor.
- Controls are mounted in separate side-mounted NEMA 1 panel and operate on 115 volts.

## MODEL SPECIFICATIONS

Model	Chamber Dimensions	Overall Dimensions	KW	Voltage	Weight (lbs)
LI7-A6	6"H X 6"W X 6"D	24"H X 20"W X 26"D	1.5	115/1	
LI7-A9	6"H X 6"W X 9"D	24"H X 20"W X 26"D	1.8	115/1	
LI7-A12	6"H X 6"W X 12"D	24"H X 20"W X 29"D	2.8	230/1	
LI7-A18	6"H X 6"W X 18"D	24"H X 20"W X 35"D	3.2	230/1	
LI7-B9	9"H X 9"W X 9"D	27"H X 23"W X 29"D	3.2	230/460/1	
LI7-B12	9"H X 9"W X 12"D	27"H X 23"W X 29"D	4	230/460/1	
LI7-B18	9"H X 9"W X 18"D	27"H X 23"W X 35"D	5	230/460/1	
LI7-B24	9"H X 9"W X 24"D	27"H X 23"W X 41"D	6.8	230/460/1	
LI7-H12	9"H X 12"W X 12"D	27"H X 26"W X 29"D	4.8	230/460/1	
LI7-H18	9"H X 12"W X 18"D	27"H X 26"W X 35"D	6.8	230/460/1	
LI7-H24	9"H X 12"W X 24"D	27"H X 26"W X 41"D	8	230/460/1	
LI7-H36	9"H X 12"W X 36"D	27"H X 26"W X 53"D	11	230/460/3	
LI7-K12	12"H X 12"W X 12"D	31"H X 26"W X 29"D	5	230/460/1	
LI7-K18	12"H X 12"W X 18"D	31"H X 26"W X 35"D	8.5	230/460/1	
LI7-K24	12"H X 12"W X 24"D	31"H X 26"W X 41"D	10.5	230/460/3	
LI7-K36	12"H X 12"W X 36"D	31"H X 26"W X 53"D	12	230/460/3	
LI7-M18	12"H X 18"W X 18"D	54"H X 38"W X 35"D	11	230/460/3	
LI7-M24	12"H X 18"W X 24"D	54"H X 38"W X 41"D	12	230/460/3	
LI7-M36	12"H X 18"W X 36"D	54"H X 38"W X 53"D	14	230/460/3	