

7000 SERIES FURNACE



GENERAL PURPOSE BOX FURNACE

Bench and Floor Models for hardening, drawing, preheating, annealing, brazing, normalizing and special applications in air atmosphere.

Available at operating temperatures:

- HA Models: 1850°F
- DL Models: 2000°F
- HL Models: 2300°F

Ruggedly constructed industrial furnaces rated for work loads up to 50 lbs. per square foot of hearth area. All models are completely wired, assembled, test fired, and shipped ready for connection to main power supply. Compact design, fast installation, and simple, safe, dependable operation. Available in over thirty standard model sizes.

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 firebrick and mineral block insulation for maximum heat storage and minimum heat loss.
- Heating elements mounted in easy-to-replace radiant panels located on side walls, door and back of chamber for uniform temperature.
- Hearth plate for load support and floor brick protection.
- Horizontal swing door with adjustable latch for positive seal.



Model HL7-B24

- Safety micro-switch shuts off power to elements when 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)
HL7-A12	6"H X 6"W X 12"D	24"H X 20"W X 29"D	3.5	230/1	245
HL7-A9	6"H X 6"W X 9"D	24"H X 20"W X 26"D	2	115/1	220
HL7-B12	9"H X 9"W X 12"D	27"H X 23"W X 29"D	5	230/460/1	315
HL7-B18	9"H X 9"W X 18"D	27"H X 23"W X 35"D	6.5	230/460/1	350
HL7-B9	9"H X 9"W X 9"D	27"H X 23"W X 29"D	4	230/460/1	295
HL7-H12	9"H X 12"W X 12"D	27"H X 26"W X 29"D	6	230/460/1	360
HL7-H18	9"H X 12"W X 18"D	27"H X 26"W X 35"D	8.5	230/460/1	405
HL7-H24	9"H X 12"W X 24"D	27"H X 26"W X 41"D	10	230/460/1	450
HL7-K12	12"H X 12"W X 12"D	31"H X 26"W X 29"D	6.5	230/460/1	410
HL7-K18	12"H X 12"W X 18"D	31"H X 26"W X 35"D	10	230/460/1	460
HL7-K24	12"H X 12"W X 24"D	31"H X 26"W X 41"D	13	230/460/1	510
HL7-K36	12"H X 12"W X 36"D	31"H X 26"W X 53"D	15	230/460/3	615
HL7-M18	12"H X 18"W X 18"D	54"H X 38"W X 35"D	14	230/460/3	605
HL7-M24	12"H X 18"W X 24"D	54"H X 38"W X 41"D	15	230/460/3	675
HL7-M36	12"H X 18"W X 36"D	54"H X 38"W X 53"D	18	230/460/3	810
HL7-O18	18"H X 18"W X 18"D	60"H X 38"W X 35"D	15	230/460/3	810
HL7-O24	18"H X 18"W X 24"D	60"H X 38"W X 41"D	20	230/460/3	900
HL7-O36	18"H X 18"W X 36"D	60"H X 38"W X 53"D	25	230/460/3	1125
HL7-O48	18"H X 18"W X 48"D	60"H X 38"W X 65"D	32	230/460/3	1350
HL7-P24	18"H X 24"W X 24"D	60"H X 44"W X 41"D	23	230/460/3	1060
HL7-P36	18"H X 24"W X 36"D	60"H X 44"W X 53"D	32	230/460/3	1325
HL7-P48	18"H X 24"W X 48"D	60"H X 44"W X 65"D	40	230/460/3	1590
HL7-R24	24"H X 24"W X 24"D	60"H X 44"W X 41"D	30	230/460/3	1605
HL7-R36	24"H X 24"W X 36"D	60"H X 44"W X 53"D	45	230/460/3	1925
HL7-R48	24"H X 24"W X 48"D	60"H X 44"W X 65"D	50	230/460/3	2310
HL7-S36	24"H X 36"W X 36"D	62"H X 51"W X 53"D	49	230/460/3	1650
HL7-S48	24"H X 36"W X 48"D	62"H X 51"W X 65"D	61	230/460/3	1975