

5000GT SERIES - HEAVY DUTY GAS TIGHT ATMOSPHERE FURNACE



SAFE, SIMPLE, & DEPENDABLE

Large box furnaces for hardening, drawing, preheating, annealing, brazing, normalizing and special applications under inert atmosphere to 2100°F. The GT models are designed with a continuously welded furnace shell, gasketed door assembly and atmosphere inlet and outlet ports for operation with a positive flow of higher atmosphere rates. These models are best suited for constant operation to maintain a dry refractory environment in the work area to minimize oxidation on workloads. The GT system is a less expensive alternative compared to our atmosphere furnaces equipped with alloy muffles (AM Models).

Ruggedly constructed and rated for workloads up to 100 lbs. per square foot of hearth area. All models are completely wired to N.E.C., assembled, test-fired, and shipped ready for connection to main power and regulated atmosphere pressure of 5 PSI. Simple, safe, dependable operation and available in fourteen standard model sizes.

STANDARD FEATURES

- Continuously welded angle iron frame construction with sheet steel and plate lining.
- Heavy gauge coil wound low watt density heating elements suitable for atmosphere for longer life.
- Heating elements located on sides, door, back and below the hearth provide uniform temperature.



- Multi-layered 7" of energy efficient firebrick, mineral wool block and ceramic fiber insulation for maximum heat storage, less heat loss and lower utility costs.
- Silicon carbide hearth plates form a rugged work surface for supporting load.
- Vertical lift air operated door with high temperature ceramic fiber gasket seals chamber and keeps hot face surface away from personnel.
- 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.
- Chambers 72" long designed for two zone control.

MODEL SPECIFICATIONS

Model	Chamber Dimensions	Overall Dimensions	KW	Voltage	Weight (lbs)
52GT-S36	24"H X 36"W X 36"D	107"H X 68"W X 69"D	64	460/3	4390
52GT-S48	24"H X 36"W X 48"D	107"H X 68"W X 81"D	75	460/3	5160
52GT-S60	24"H X 36"W X 60"D	107"H X 68"W X 93"D	87	460/3	6090
52GT-S72	24"H X 36"W X 72"D	107"H X 68"W X 106"D	103	460/3	7020
52GT-V36	36"H X 36"W X 36"D	120"H X 68"W X 69"D	86	460/3	4940
52GT-V48	36"H X 36"W X 48"D	120"H X 68"W X 81"D	103	460/3	5830
52GT-V60	36"H X 36"W X 60"D	120"H X 68"W X 93"D	115	460/3	6840
52GT-V72	36"H X 36"W X 72"D	120"H X 68"W X 106"D	137	460/3	7870
52GT-VW48	36"H X 48"W X 48"D	120"H X 80"W X 81"D	121	460/3	5970
52GT-VW60	36"H X 48"W X 60"D	120"H X 80"W X 93"D	133	460/3	7370
52GT-VW72	36"H X 48"W X 72"D	120"H X 80"W X 106"D	146	460/3	8450
52GT-X48	48"H X 48"W X 48"D	134"H X 80"W X 81"D	139	460/3	6940
52GT-X60	48"H X 48"W X 60"D	134"H X 80"W X 93"D	153	460/3	8070
52GT-X72	48"H X 48"W X 72"D	134"H X 80"W X 106"D	171	460/3	9240