



# HI-TEMP "SQUAROID" VACUUM OVENS

Lab-Line Hi-Temp Squaroid Vacuum Ovens feature a top mounted control panel, placing all controls at eye level. These include the primary control and adjustable safety thermostats, vacuum control and relief valves, vacuum gauge, which reads to 30" Hg, power switch and resettable circuit breaker.



Model 3625

Radiant warm wall heating provides uniform temperature. The hazards associated with open wire heaters are eliminated since the heaters are clamped to the outside of the oven chamber. Working space in the chamber is also conserved.

Temperature is controlled by a hydraulic thermostat to a maximum of 300°C. An adjustable safety thermostat provides over-temperature protection, controlling a few degrees above the controlling thermostat's setting. Individual pilot lights indicate which thermostat is controlling the temperature. Temperature can be read through the tempered glass window from a dial thermometer (included).

Vacuum is precisely controlled to nearly 30 inches Hg. The door includes a tempered glass window, secure latch and continuous gasket for a tight seal. Vacuum control and relief valves are located on the front of the unit and have individual lines into the chamber allowing the introduction of air or inert gas if desired. Vacuum line fittings, located on the rear wall, require 1/4" O.D. copper tubing.

The chamber interior is stainless steel; the exterior is heavy gauge steel finished with two-tone baked enamel. Three inches of glass wool insulation ensures minimum heat loss from the chamber. The two piece shelf assembly has two solid aluminum shelves, improving heat conduction to the samples.

**15 MONTH WARRANTY**

## ORDERING INFORMATION:

Model	Voltage*	Amps	Watts	Chamber Dimensions W x D x H (in) (cms)	Overall Dimensions W x D x H (in) (cms)	Volume (Cubic Feet)	Net Wt. lbs (kgs)	Ship. Wt. lbs (kgs)
3625	120	10.0	1200	12 x 13 1/2 x 12 (30.5 x 33.7 x 30.5)	20 x 18 x 27 (50.8 x 45.7 x 68.6)	1.1	160 (72.6)	185 (84)
3625-1	240	5.0						
3628	120	13.3	1600	12 x 20 x 12 (30.5 x 50.8 x 30.5)	20 x 26 x 27 (50.8 x 66 x 68.6)	1.7	205 (93)	230 (104.3)
3628-1	240	6.7						

\*All Models are 50/60 Hz