



Hi-Temp "Squaroid" Vacuum



Model 3625



**Includes FREE
Dial Thermometer**

Product Description

- Designed for desiccation, vacuum embedding, plating, process control, and inert atmosphere applications.
- Radiant warm wall heaters mounted outside of chamber to conserve chamber working space and eliminate the hazards of open wire heaters.
- 3" (7.6 cm) glass wool insulation minimizes heat loss from chamber.

Ideal for Elevated Temperature Aging Tests!

- 300°C (572°F) Maximum temperature
- 1.1 cu. ft. (31.3 l) or 1.7 cu. ft. (48.1 l) chamber capacity
- Over temperature protection
- ☆ 24 Month Warranty

- Two piece aluminum shelf system improves heat conduction to samples and is easily removed for cleaning.
- Corrosion-resistant #304 stainless steel interior.
- Tempered glass window in door allows viewing of samples.
- Vacuum and air lines constructed with corrosion-resistant stainless steel tubing for optimum chamber cleanliness and long term performance.
- Durable powder coated heavy gauge steel exterior.
- P = 24 step programmable controller

Operation

- Digital PID controls temperature from ambient +5°C to 300°C (572°F)
- Dial thermometer in working chamber displays actual temperature.
- Precise vacuum control to 30" Hg (76.2 cm) displayed on analog gauge.
- Secure door latch and continuous gaskets on vacuum chamber provide a tight seal and maintain a vacuum leak rate of less than 1 inch Hg per 24 hour period.
- Vacuum control and relief valves located on front of unit for convenient monitoring.
- Compression fittings on rear wall of oven accept .25" (.6 cm) O.D. hard tubing for pump and air connections.

Safety

- Adjustable high-limit safety thermostat for over temperature protection.
- Heat indicator lamps illuminate when the oven is heating.

PRODUCT SPECIFICATIONS

Type	Chamber Dimensions Inches (cm)			Overall Dimensions Inches (cm)			Volume cu. ft. (l)	Temperature Control @100°C, 25" Hg	Temperature Uniformity @100°C, 25" Hg	Shipping Weight Lb. (kg)
	W	H	D	W	H	D				
3625	12 (30)	13.5 (34)	12 (30)	20 (51)	18 (46)	27 (69)	1.1 (31.3)	±0.5°C	±3.0°C	200 (91)
3628	12 (30)	20 (51)	12 (30)	20 (51)	26 (66)	27 (69)	1.7 (48.1)	±0.5°C	±3.0°C	270 (122)
3628P	12 (30)	20 (51)	12 (30)	20 (51)	26 (66)	27 (69)	1.7 (48.1)	±0.5°C	±3.0°C	270 (122)

OPERATING SPECIFICATIONS

Type	Operating Temp Range °C	Vacuum Range	Type	Operating Temp Range °C	Vacuum Range
3625	Ambient +5°C to 300°C	0-30" Hg (76.2 cm)	3628P	Ambient +5°C to 300°C	0-30" Hg (76.2 cm)
3628	Ambient +5°C to 300°C	0-30" Hg (76.2 cm)			

ORDERING INFORMATION

Model #	Description	Electrical (50/60 Hz)			US List Price
		Volts	Amps	Watts	
3625	Hi-Temp Squaroid Vacuum	120	10.0	1200	\$5,241.00
3625-1	Hi-Temp Squaroid Vacuum	240	5.0	1200	\$5,241.00
3628	Hi-Temp Squaroid Vacuum	120	12.0	1400	\$5,384.00
3628-1	Hi-Temp Squaroid Vacuum	240	6.0	1400	\$5,384.00
3628P	Hi-Temp Squaroid Vacuum	120	12.0	1400	\$7,004.00

240 volt models are not CSA certified.