

Hot Air Oven



Technical Specification :

Temperature Range : 10°C Above Ambient to 300°C
 Accuracy : $\pm 2.0^{\circ}\text{C}$
 Control System : Operation through digital PID controller with inbuilt cycle timer auto cutoff.
 Uniformity : Upto 150°C : $\pm 5.0^{\circ}\text{C}$ & 150°C to 200°C / 300°C : $\pm 10.0^{\circ}\text{C}$

- Double walled interior and exterior S.S. 304 / 316 with matt finish insulated with high grade glass wool insulation.
- S.S. Wire Mesh Trays with adjustable Support. • Forced air circulation for uniform temperature.

Models	Capacity in Liters	Internal Dimension In MM			External Dimension In MM		
		Width	Depth	Height	Width	Depth	Height
KGOH-43	43 LTR	350	350	350	610	840	785
KGOH-73	73 LTR	350	350	600	610	840	1035
KGOH-90	90 LTR	450	450	450	710	960	905
KGOH-120	120 LTR	450	450	600	710	960	1055
KGOH-200	200 LTR	600	600	600	860	1110	1055
KGOH-325	325 LTR	600	600	900	860	1110	1355
KGOH-400	400 LTR	600	600	1110	860	1110	1565
KGOH-600	600 LTR	700	700	1225	960	1210	1680

Vacuum Oven



Technical Specification :

Temperature Range : 50°C to 200°C
 Accuracy : $\pm 2.0^{\circ}\text{C}$
 Vacuum Range : More than -700mm of Hg.
 Control System : Operation through digital PID controller.

- Double walled interior and exterior S.S. 304 with matt finish insulated with high grade rock wool insulation.
- Door with glass window, silicone gasket & positive latch to maintain seal at all vacuum Levels.

Round Vacuum Oven

Model	Working Chamber Size Dia x Depth (in inch)
KGOV-12	9" x 12"
KGOV-28	12" x 15"
KGOV-52	15" x 18"

Rectangular Vacuum Oven

Model	Working Chamber Size W x D X H (in inch)
KGOV-28	12" x 12" x 12"
KGOV-95	18" x 18" x 18"

Muffle Furnace



Technical Specification :

- Furnace finds application in Industries & Laboratories for Ashing, Heat treatment, Ignition test, Gravimetric analysis, Determination of volatile and suspended solids & Cement testing.
- Heavy gauge Mild Steel construction for durability having powder coating finish.
- Outer Casing Made from Stainless Steel - 304 grade in all GMP Models.
- Un-exposed long lasting KANTHAL A-1 heating elements.
- Light Weight, Ceramic Fiber Wool insulation of High quality to give maximum thermal efficiency.
- Temperature controlled by Dual Display Microprocessor based PID Temperature Controller.
- Temperature Sensor: "K" Type (Cr/Al) Thermo couple sensor.
- Working Temperature Range: 400°C to 1050°C or 400°C to 1150°C
- Temperature Control Accuracy : $\pm 3^{\circ}\text{C}$.
- Operates on 230 Volts AC Single phase 50Hz.
- Two models : (1) Muffle For 1050°C (2) Refractory for 1150°C

Sizes :

Models	Inner Size Inch	Capacity (In Ltrs)	Rating Watts
KGMF - 449	4" X 4" X 9"	2.30 Ltrs	2000 W
KGMF - 5510	5" X 5" X 10"	4.25 Ltrs	2500 W
KGMF - 6612	6" X 6" X 12"	6.75 Ltrs	3500 W
KGMF - 8812	8" X 8" X 12"	12.00 Ltrs	4500 W
KGMF - 9918	9" X 9" X 18"	23.80 Ltrs	7000 W
KGMF - 121212	12" X 12" X 12"	28.00 Ltrs	7500 W