



BANBROS ENGINEERING PVT. LTD.
The Precision Measurement

LABORATORY OVEN

- *VALUE*
- *VERSATILITY*
- *PERFORMANCE*



BLO-C SERIES



DESCRIPTION:

Laboratory Oven is a unique test cabinet designed to detect the change in the physical characteristics of material and to ascertain the actual working life of testing device at elevated temperature.

APPLICATION:

Laboratory oven are used for high-forced volume thermal convection application. These ovens generally provide uniform temperature throughout. Process application for laboratory ovens can be for annealing, drying sterilizing, and other industrial/laboratory function.

Some types of industrial that typically use these laboratory ovens are the healthcare industry, technology industry, agriculture, medical & food industries, research labs etc.

FEATURE:

- The insulation Gap between the walls is at least 100 mm. and high temperature Ceramic blanket are used as insulation material.
- The air circulation motor is mounted on side/top of the equipment and the blower is driven by belt pulley attachment. It protects the motor from Heat build upend damage due to it.

TECHNICAL SPECIFICATIONS:

Model No.		BLO-27C	BLO-43C	BLO-91C	BLO-122C	BLO-216C	BLO-324C
Chamber Size (mm)		300X300X300	350X350X350	450X450X450	450X600X450	600X600X600	600X900X600
Load		1.0kw	1.25kw	1.50kw	2.0kw	2.5kw	3.0kw
Shelves (Perforated)		2/3 Nos. of S. Steel load bearing wire mesh shelves					
Max. Temp. Range (°C)		Ambient to 350 °C					
Working Temp. Range (°C)		Upto 300 °C					
Heaters		“U” type air heating element					
Temp. Controller		Digital PID microprocessor based Controller cum Indicator					
Temp. Accuracy		+/- 1 °C					
Temp. Uniformity		+/- 1 °C					
Insulation		High grade super fine mineral glass wool between the walls					
Door		Double walled sturdy door with catchers. Heavy hinges and asbestos/silicon gasket					
Air Circulation		Silent fan motor with heavy duty blower					
Ventilation		Air ventilation ports with dampers					
Safety Feature		Over temperature cut off					
Material	Chamber	Stainless Steel (304 grade)					
	Outer	Powder Coated Steel/Stainless Steel (304Grade)					
Power Supply		230 V AC, Single phase, 50 HZ or 415 V AC, Three phase, 50 HZ					



OPTIONAL:

- **Timer:** Automatic digital timer to control on/off cycle.
- **Outer Body:** Stainless steel in lieu of powder coated mild steel.
- **Economy Model:** Same as above but with Analog thermostat in lieu of digital controller cum indicator.

Note: *Due to continue product development, product image & Specifications are subject to change.
 *Customization can be done as per user requirement.