



- Designed for Biochemical Oxygen Demand (B.O.D.) Determination and other applications like preservation of vaccines, storage of sensitive cultures, microorganism, serum incubation etc.
- Double walled construction with triple layered back, having Stainless Steel - 304 grade Interior & Exterior CRCA Steel with powder coat finish.
- Interior made of Stainless Steel –304/316 grade and Exterior of Stainless Steel 304 grade matt finish in all GMP Models.
- Castor wheels for easy manoeuvrability.
- Units are highly insulated by Glass Wool between the walls to minimize the heat exchange.
- A key locking Insulated door having magnetic gasket seals the door gaps perfectly.
- A transparent full length Acrylic inner door is provided to have a clear inner view of the samples/specimens put in, without disturbing the thermal conditions inside the incubator.
- Illumination lamp fitted for clear visibility.
- Mechanical convection system (Motorized Blower) ensures even air distribution within the chamber.
- Heating is by long life 'U' type S.S. tubular air heaters.
- Cooling is done by CFC Free hermetically sealed Emerson Copland make compressor utilizing R-134 A an eco-friendly refrigerant.
- Adjustable & removable S.S. rod type shelves.
- Temperature controlled by Dual display Microprocessor based PID Temp. Controller with PT– 100 sensor.
- Temperature Range : 5° C to 60° C.
- Temperature Accuracy : ± 0.5° C.
- Operates on 230 Volts AC Single phase 50 Hz.

### SAFETY FEATURES :

- Redundant high temperature safety system automatically cuts-off power to heaters if temperature exceeds 70° C.
- Inbuilt Overload protection relay for compressor.
- Compressor ON delay timer, to safe guard the compressor.

### OPTIONAL ACCESSORIES :

- Electronic digital timer of 999 minutes
- PC/Printer Interface : RS 232 or 485 PC interface.

MODEL	WORKING SIZE (W X D X H)	CAPACITY		SHELVES
		CFT	LTRS	
LBOD-M S/G	35 X 35 X 35 CM	1.5 CFT	45 LTRS	2 NOS.
LBOD-1 S/G	45 X 45 X 50 CM	3 CFT	90 LTRS	2 NOS.
LBOD-2 S/G	50 X 50 X 70 CM	6 CFT	175 LTRS	2 NOS.
LBOD-3 S/G	55 X 55 X 90 CM	10 CFT	280 LTRS	3 NOS.
LBOD-4 S/G	60 X 60 X 90 CM	12 CFT	325 LTRS	3 NOS.
LBOD-5 S/G	65 X 65 X 90 CM	14 CFT	400 LTRS	3 NOS.
LBOD-6 S/G	70 X 70 X 90 CM	16 CFT	450 LTRS	4 NOS.