

BOD INCUBATOR

AVI-104 SERIES



TECHNICAL DATA

Temp Range	5°C to 60°C
Temp Accuracy	± 0.5°C
Supply	230V, AC

BOD incubators are used by several industries to create isolated chambers. Their inception can be traced back to ancient Egypt and China when incubators were first used to create stable and controlled environments for research, cultivation and studies.

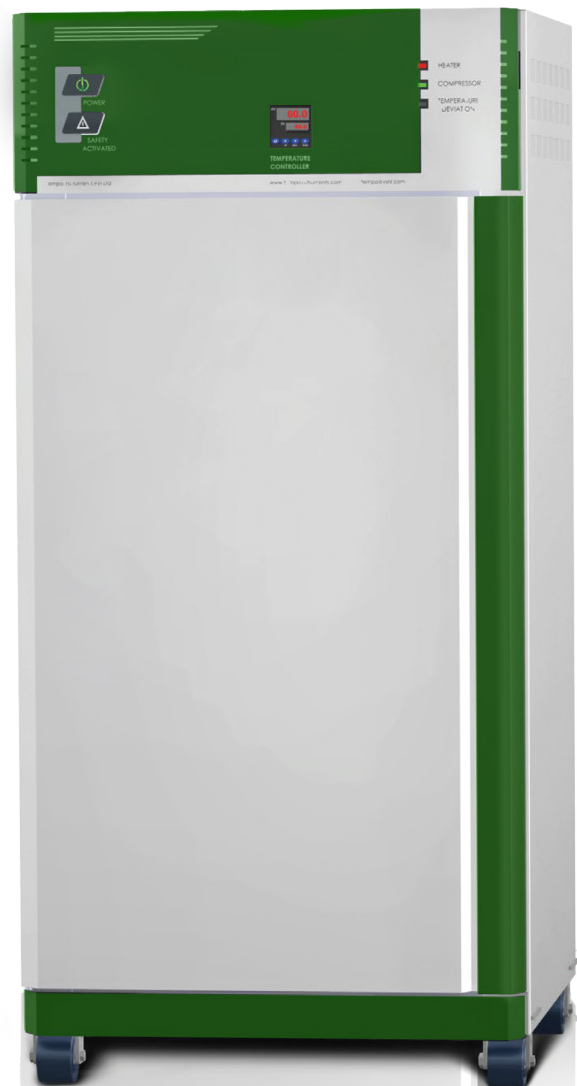
The use of incubators has helped in providing a foundation for several medical advances and works on molecular and cellular biology.

Avante's BOD incubators are manufactured to comply with the industry requirements. They are ideally suited for long-term and stable, continuous operations.

CONCEPTION

The Avante BOD incubator is developed using a double-walled construction with thick high-grade PUF insulation. The incubator has a full view inner acrylic door with a locking system and front door gasket. The motorised blower at the back creates a unique airflow system that helps maintain a uniform temperature within the chamber.

The incubator consists of highly user-friendly adjustable S.S rod trays that ensure even temperature distribution. The unit also consists of castor wheels for easy mobility.





BOD INCUBATORS FIND TEST APPLICATIONS IN

- Pharmaceuticals
- Biological labs
- R&D Center
- Chemicals
- General laboratories of industries
- Quality Control Laboratory
- Petrochemicals
- Oil & Gas
- Cement
- Fertilizers
- Defence

SAFEGUARDING TRAITS

- A standby feature that cuts off heater supply in cases when there is an overshoot in temperature
- A delay timer of 2 minutes to safeguard the compressor when ON
- Overload, inbuilt protection provided for airtight compressor

STANDARD MODEL

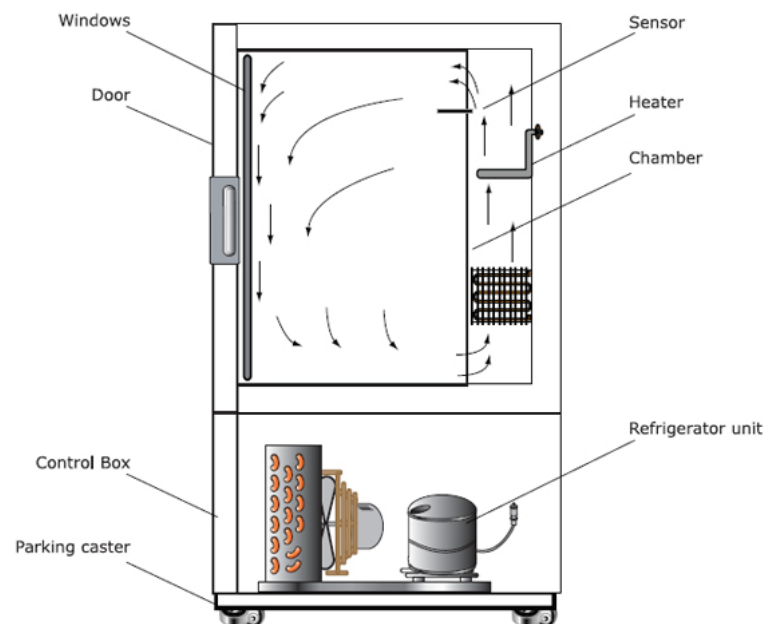
This model has an S.S 304 interior with a mirror polish and a mild steel powder-coated exterior

GMP MODEL

This model has an S.S 316 interior with a mirror polish and a stainless steel 304 exterior with a dull buff finish

PRINCIPLE CHARACTERISTICS

- An interior illumination for the working areas
- Exclusively constructed stainless steel rod trays for even temperature distributions
- An acrylic door with gasket for a full view of samples inside the unit



DISCRETIONARY FEATURES

- A PLC-based Control System
- A Stand by Refrigeration System
- A data scanner with a sensor SMS mobile alert system
- A security system for door access
- A digital timer for safety digital temperature controller
- A CFR 21 Part 11 compliance software
- An RS-485 communication data logger



Sensor

PT 100 sensor is used for sensing the temperature.

Heating System

High quality S.S. tubular heaters are used for better heating.

TECHNICAL DATA

Fotced Air Recirulation Model			
Models	Capacity Liters	Internal Size H x W x D cm	Trays
AVI-104A	100	50 x 50 x 40	2
AVI-104B	170	70 x 60 x 40	2
AVI-104C	200	60 x 60 x 60	2
AVI-104D	285	80 x 60 x 60	3
AVI-104E	325	90 x 60 x 60	4
AVI-104F	400	110 x 60 x 60	4
AVI-104G	600	125 x 70 x 70	4
AVI-104H	800	125 x 80 x 80	5
AVI-104I	1000	157 x 80 x 80	5
AVI-104J	1500 (Double Door)	146 x 150 x 69	10
AVI-104K	2000 (Double Door)	146 x 150 x 92	10

S --> Standard Model

STANDARD MODEL

Inside S.S. 304 with mirrir polish and Outside Mild Steel dully powder coated.

G --> GMP Model

GMP MODEL

Inside S.S.316 with mirror polish and Outside stainless steel 304 with dull buff finish.



Note: The design, color, specification, and models are subject to transformation due to ending research, development, and technological advances.

India

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