

BOD INCUBATOR (RIC-41)

RIC'S BOD Incubators complemented with a comprehensive range of control technologies and performance enhancing features are built for research, medicine and a variety of applications in industry and other fields where Processes require extremely high precision. These Incubators are designed for users seeking minimum temperature variation and maximum long- term stability. Precision controls, minimum recovery times and temperature ranges upto +5 to +60°C makes it ideal for processes requiring rapid heat-up times and high loading capacity generally demanded by busy laboratories.

CAPACITY

175L, 285L, 340L, 420L (other sizes on request)

EXCLUSIVE STANDARDS

- ✎ Energy efficient, low wattage.
- ✎ Designed for continuous temperature uniformity.
- ✎ Specifically built for very rapid heat up & recovery times.
- ✎ Dependability, low maintainance & Value.

FEATURES:

CABINET CONSTRUCTION:

RIC maintains the standards with forward thinking design and technology *with finest* levels of quality construction. Designed detail by detail with Attractive Color and Ergonomic Design RIC'S BOD INCUBATOR are second to none than the best.



Temperature Range	:	Temperature ranges upto +5° C to +60° C.
Temperature Controller	:	Digital temperature controller cum indicator with an accuracy of ± 0.5/1 degree C.
Heating	:	Large-area all-round heating, providing the ideal conditions for homogeneous incubation temperatures
Door Latch	:	Includes latch and strike to ensure easy opening and closing.
Interior Construction	:	Double walled, inside Stainless Steel/Aluminum Interiors.
Exterior Construction	:	Exteriors of galvanized sheet duly finished with epoxy paint.
Insulation	:	Fully insulated door with gasket for excellent uniformity.
Shelves	:	Adjustable shelves.
Lights	:	Interior Lights. (Optional)
Fan	:	Two air circulating fans.
Shaking Platform	:	Shaking Platform to Hold different capacity flasks (Optional)

REFRIGERATION:

Strong and reliable with powerful quick response refrigeration, an exclusive long life **RIC'S** superior refrigeration process is a unique feature of **RIC'S BOD INCUBATOR**. High capacity refrigeration system ensures rapid cooling.

COMPRESSOR:

Hermatic type sealed Heavy duty Air-cooled Compressor matched to a system fitted with oil separator, suction accumulator, filters, and all necessary safety devices for correct operation. The compressor is distinguished by its excellent performance, low noise level and minimal vibration.

EVAPORATOR:

Internal evaporator system where fans shuts off during door openings.

REFRIGERANT:

Non-CFC environmental friendly based on compressor capacity.

DEFROST:

No Defrost required cycle required with balanced flow refrigeration system.

POWER SUPPLY:

220 volts, 50 Hz.

TEMPERATURE CONTROL:

Temperature ranges from + 5 degrees C to +60 degrees C with an accuracy of ± 1 degree C. The unit is fitted with a digital electronic temperature controller cum indicator for easy readability. The refrigeration system is designed for accurate temperature control and holdover capability. The electronic management system ensures that the preset temperature is constantly maintained. The operating temperature can be set as required.



RELIABLE INSTRUMENTS CO. (ISO 9001CO.)

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