

# ABOD18



78.5" x 27.5" x 26" (H x W x D)

Performance Series BOD refrigerated incubator with 18 cu.ft. capacity

## Highlights:

BOD refrigerated/heated incubator for water treatment storage

Intelligent microprocessor digital temperature controller

Improved temperature accuracy with a separate temperature probe for continuous product readout to simulate stored product temperature

## Product Features:

|                                        |                                                                                                                                                                                      |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BOD Refrigerated/Heated Incubator      | Designed to store water samples under reliable temperature conditions for optimum research results                                                                                   |
| Purpose-built design                   | Constructed and featured for the storage of water samples                                                                                                                            |
| Pre-set to 20°C                        | Ideal temperature for bottle incubation                                                                                                                                              |
| +/-1°C Variation                       | The published temperature variation is derived from the maximum deviation of an NTC sensor in a 1 oz. vial located nearest the chamber geometric center during a 24 hour test period |
| Large capacity                         | 18 cu.ft. interior can hold up to 300 300ml incubator glass bottles (note: bottle capacity varies by exact bottle design and size)                                                   |
| Antimicrobial silver ion-coated handle | Powder-coated handle with naturally occurring silver ions to help reduce the spread of germs                                                                                         |
| Adjustable temperature                 | Intuitive controls let you adjust the interior temperature between +4 to +60°C                                                                                                       |
| Temperature alarm                      | Visual and audible alarms alert if the interior temperature rises or falls out of set range                                                                                          |
| Remote alarm contacts                  | Electronic controller is equipped with a volt-free contact for alarm forwarding to an external remote system (contacts located in the external rear of the unit)                     |

## ABOD18 Specifications:

| Overview                   |                     |
|----------------------------|---------------------|
| Nominal Height             | 79.0" (201 cm)      |
| Height of Cabinet          | 78.5" (199 cm)      |
| Nominal Width              | 28.0" (71 cm)       |
| Width                      | 27.5" (70 cm)       |
| Width with Door Open       | 28.0" (71 cm)       |
| Nominal Depth              | 26.0" (66 cm)       |
| Depth                      | 26.0" (66 cm)       |
| Depth with Handle          | 27.75" (70 cm)      |
| Depth with door at 90°     | 52.0" (132 cm)      |
| Capacity                   | 18.0 cu.ft. (510 L) |
| Defrost Type               | Automatic           |
| Door                       | White               |
| Cabinet                    | White               |
| US Electrical Safety       | ETL                 |
| Canadian Electrical Safety | ETL-C               |
| Amps                       | 1.5                 |
| Voltage/Frequency          | 115 V AC/60 Hz      |
| Weight                     | 270.0 lbs. (122 kg) |
| Parts & Labor Warranty     | 2 Years             |
| Compressor Warranty        | 5 Years             |
| UPC                        | 761101150963        |
| Refrigerator Features      |                     |
| Door Swing                 | RHD                 |
| Reversible                 | Yes                 |
| Shelf Type                 | Wire                |
| Shelf Qty                  | 7                   |
| Adjustable Shelves         | Yes                 |
| Thermostat Type            | Digital             |
| Fan Type                   | Interior            |
| Refrigerant Type           | R290                |
| Refrigerant Amount         | 1.75oz.             |
| High Side PSI              | 280.0               |
| Low Side PSI               | 90.0                |
| Wheel Qty                  | 4                   |
| Interior Light             | Yes                 |

Temperature Range 4 to 60°C (39.2 to 140°F)

| Dimensions             |                |
|------------------------|----------------|
| Interior Height        | 68.5" (174 cm) |
| Interior Width         | 24.13" (61 cm) |
| Interior Depth         | 18.75" (48 cm) |
| Compressor Step Height | 6.5" (17 cm)   |
| Compressor Step Width  | 24.13" (61 cm) |
| Compressor Step Depth  | 6.5" (17 cm)   |

