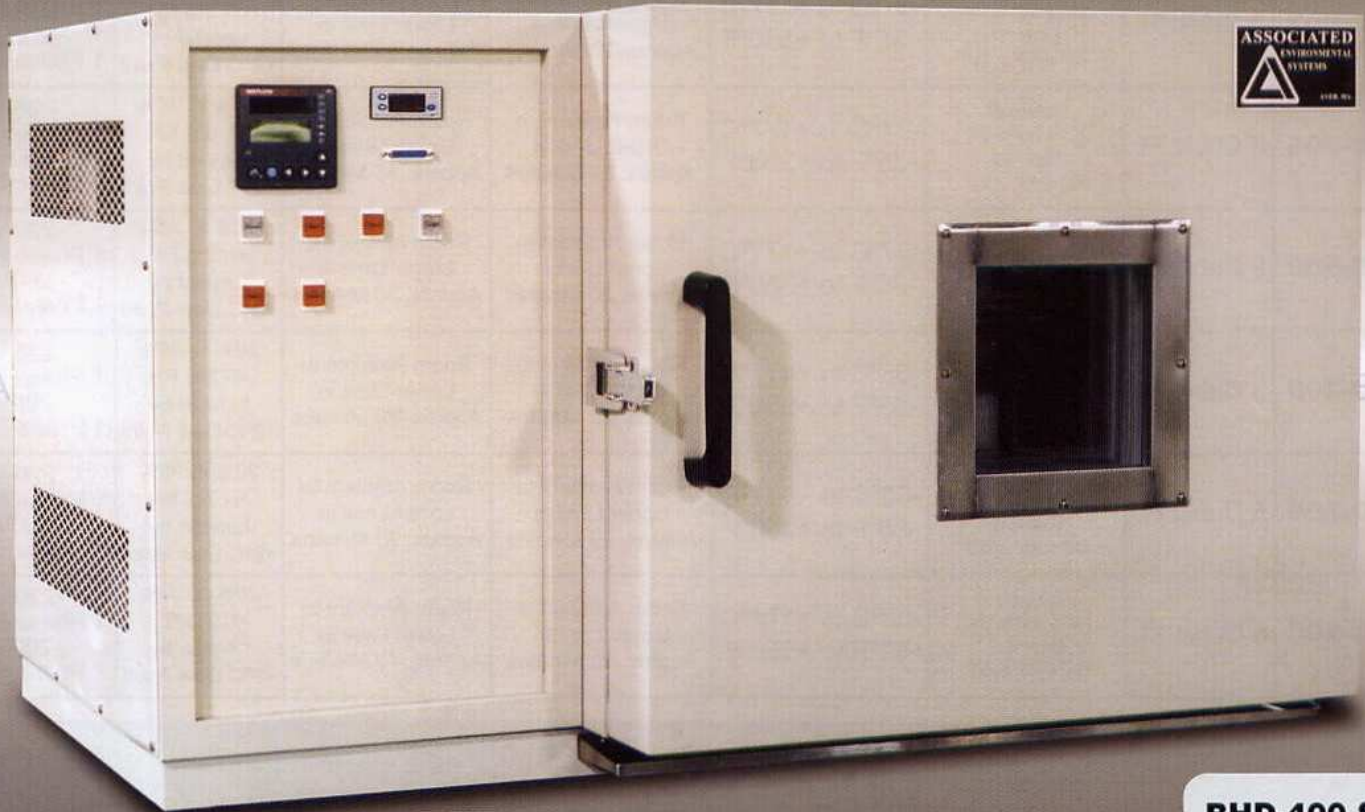


Temperature / Humidity Chambers

Bench Top Units



BHD-400 Series
BHD-500 Series
BHD-200 Series



ASSOCIATED
ENVIRONMENTAL SYSTEMS

Unit Specifications

| Model | Working Volume | Dimensions (H x W x D) | Temperature Range | Temperature Rise Time | Temperature Pull Down Time | Humidity Range | Power Required |
|----------------|----------------|--|------------------------------------|--|--|---|---|
| BHD-403 | 3 Cubic Ft. | Internal 16" x 20" x 18" External 28" x 49" x 28" | -17°C to +177°C 0°F to +350°F | Room Ambient to Upper Limit in Approx. 20 Minutes | Room Ambient to Lower Limit in Approx. 25 Minutes | 20% to 98% +/- 2% RH Limited by +2°C Dew Point | 220 V 1 Phase 60 HZ 200V 1 Phase 50 HZ |
| BHD-405 | 5 Cubic Ft. | Internal 20" x 20" x 22" External 32" x 49" x 32" | -17°C to +177°C 0°F to +350°F | Room Ambient to Upper Limit in Approx. 20 Minutes | Room Ambient to Lower Limit in Approx. 25 Minutes | 20% to 98% +/- 2% RH Limited by +2°C Dew Point | 220 V 1 Phase 60 HZ 200V 1 Phase 50 HZ |
| BHD-408 | 8 Cubic Ft. | Internal 24" x 24" x 24" External 34" x 53" x 34" | -17°C to +177°C 0°F to +350°F | Room Ambient to Upper Limit in Approx. 20 Minutes | Room Ambient to Lower Limit in Approx. 25 Minutes | 20% to 98% +/- 2% RH Limited by +2°C Dew Point | 220 V 1 Phase 60 HZ 200V 1 Phase 50 HZ |
| BHD-503 | 3 Cubic Ft. | Internal 16" x 20" x 18" External 28" x 49" x 28" | -37°C to +177°C -35°F to +350°F | Room Ambient to Upper Limit in Approx. 20 Minutes | Room Ambient to Lower Limit in Approx. 35 Minutes | 20% to 98% +/- 2% RH Limited by +2°C Dew Point | 220 V 1 Phase 60 HZ 200V 1 Phase 50 HZ |
| BHD-505 | 5 Cubic Ft. | Internal 20" x 20" x 22" External 32" x 49" x 32" | -37°C to +177°C -35°F to +350°F | Room Ambient to Upper Limit in Approx. 20 Minutes | Room Ambient to Lower Limit in Approx. 35 Minutes | 20% to 98% +/- 2% RH Limited by +2°C Dew Point | 220 V 1 Phase 60 HZ 200V 1 Phase 50 HZ |
| BHD-508 | 8 Cubic Ft. | Internal 24" x 24" x 24" External 34" x 53" x 34" | -37°C to +177°C -35°F to +350°F | Room Ambient to Upper Limit in Approx. 20 Minutes | Room Ambient to Lower Limit in Approx. 35 Minutes | 20% to 98% +/- 2% RH Limited by +2°C Dew Point | 220 V 1 Phase 60 HZ 200V 1 Phase 50 HZ |
| BHD-203 | 3 Cubic Ft. | Internal 16" x 20" x 18" External 28" x 49" x 28" | -65°C to +177°C -85°F to +350°F | Room Ambient to Upper Limit in Approx. 20 Minutes | Room Ambient to Lower Limit in Approx. 70 Minutes | 20% to 98% +/- 2% RH Limited by +2°C Dew Point | 220 V 1 Phase 60 HZ 200V 1 Phase 50 HZ |
| BHD-205 | 5 Cubic Ft. | Internal 20" x 20" x 22" External 32" x 49" x 32" | -65°C to +177°C -85°F to +350°F | Room Ambient to Upper Limit in Approx. 20 Minutes | Room Ambient to Lower Limit in Approx. 70 Minutes | 20% to 98% +/- 2% RH Limited by +2°C Dew Point | 220 V 1 Phase 60 HZ 200V 1 Phase 50 HZ |
| BHD-208 | 8 Cubic Ft. | Internal 24" x 24" x 24" External 34" x 53" x 34" | -65°C to +177°C -85°F to +350°F | Room Ambient to Upper Limit in Approx. 20 Minutes | Room Ambient to Lower Limit in Approx. 70 Minutes | 20% to 98% +/- 2% RH Limited by +2°C Dew Point | 220 V 1 Phase 60 HZ 200V 1 Phase 50 HZ |

Standard Features:

- Programmable Controller with RS232C
- Stainless Steel Interior
- Adjustable High Temperature Safety (Digital Set Digital Indicating)
- Multipane Viewing Window in Door
- Internal Light with External Switch
- 2" Diameter Access Port & Plug

Options:

- Floor Stand with Casters
- Adjustable Stainless Steel Shelves
- Additional Ports and Plugs
- Heater For Window
- Two Pen Chart Recorders
- IEEE-488 Interface
- Demineralizer Cartridge System
- Self-Contained Humidity System

Ultimate performance will be slightly affected by additional windows, ports and ambient air temperature.

In line with our corporate policy of continuing product improvement and quality control, Associated reserves the right to change product specifications without notice.

Associated Environmental Systems

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