



# ASSOCIATED ENVIRONMENTAL SYSTEMS

Helping our customers make their  
products the best that they can be.  
Stronger • Faster • Safer  
Longer-Lasting

## BHD-SERIES

We get you there faster.



BHD-205

## DESCRIPTION

BHD Series benchtop chamber with four temperature range options, featuring precise temperature and humidity control in five workspace sizes. The space-saving designs offer two-high stackability giving you twice the independent test space in virtually the same footprint.

## STANDARD FEATURES

- Interior: All stainless steel type 304
- Exterior: Heavy gauge cold rolled steel with powder coat finish
- 3" access port and plug
- 8" x 8" multi-pane viewing window
- Internal light with external switch
- Adjustable digital high temperature safety
- Watlow F4T programmable controller with AES|XCHANGE



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## OPTIONS

- Custom Port Sizes
- Heater for Window
- LN<sub>2</sub>/CO<sub>2</sub> Boost Cooling
- Adjustable Shelving
- Water recycling system
- Floor Stand with Casters
- Programmable Chart Recorder
- Adjustable High/Low Temperature Safety
- Retro Legacy F4 Controller



### OPERATION & DATA MANAGEMENT DASHBOARD

For the latest in remote operation and data management, AES|XCHANGE enables you to operate and program the controller at the chamber, your desktop, and remotely via laptop or tablet. A visual graph allows you to view live & historical test data. A drag-&-drop profile builder allows you to create, edit, save, and move between profiles. Onboard multi-year data logging collect and manage live & Historical data while chamber is operating. JSON API makes for easy communication. And access control allows for secure multi-user interaction.

For details and product specifications go to <https://www.associatedenvironmentalsystems.com/xchange>

### BHD-200's Temperature -65°C to 180°C (-85°F to 356°F)

Model	Overall Dimensions (in)	Inside Dimensions (in)	Working Volume
BHD-202	47.5W x 34D x 25.5H	15W x 16D x 15H	2.083 cu. ft.
BHD-203	50W x 38D x 27H	20W x 18D x 16H	3.333 cu. ft.
BHD-205	50W x 38D x 31H	20W x 22D x 20H	5.092 cu. ft.
BHD-208	53.5W x 40D x 35H	24W x 24D x 24H	8 cu. ft.

### BHD-500's Temperature -37°C to 180°C (-34.6°F to 356°F)

Model	Overall Dimensions (in)	Inside Dimensions (in)	Working Volume
BHD-502	47.5W x 34D x 25.5H	15W x 16D x 15H	2.083 cu. ft.
BHD-503	50W x 38D x 27H	20W x 18D x 16H	3.333 cu. ft.
BHD-505	50W x 38D x 31H	20W x 22D x 20H	5.092 cu. ft.
BHD-508	53.5W x 40D x 35H	24W x 24D x 24H	8 cu. ft.

### BHD-400's Temperature -17°C to 180°C (1.4°F to 356°F)

Model	Overall Dimensions (in)	Inside Dimensions (in)	Working Volume
BHD-402	47.5W x 34D x 25.5H	15W x 16D x 15H	2.083 cu. ft.
BHD-403	50W x 38D x 27H	20W x 18D x 16H	3.333 cu. ft.
BHD-405	50W x 38D x 31H	20W x 22D x 20H	5.092 cu. ft.
BHD-408	53.5W x 40D x 35H	24W x 24D x 24H	8 cu. ft.

Power requirements vary by model



All BHD Series chambers are designed to stack two high, for double the independent testing workspace in virtually the same footprint.



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