



# ASSOCIATED ENVIRONMENTAL SYSTEMS

## BD-900 Series

LABORATORY OVENS



### *Description:*

The BD series is designed for laboratory applications such as moisture drying, aging, baking, and curing. AES laboratory ovens use forced air circulation to maintain precise temperature control and feature a compact, space saving design.

### *Standard Features:*

- Interior: All stainless steel type 304
- Exterior: Heavy gauge cold rolled steel with powder coat paint
- 2" access port and plug
- Digital set/digital read controller
- Adjustable digital high temperature safety
- Forced air circulation to maintain precise temperatures



# BD-900 Series

## Specifications

### Options:

- Shelf modification
- Custom Port Sizes
- Floor Stand with Casters
- Dry Nitrogen Purge
- Programmable Chart Recorder
- IEEE-488 computer Interface
- Watlow F4 Programmable Controller with RS232
- Touch Screen Control

### BD – 900 Series

Temperature Range: +38°C to +220°C (+100°F to +425°F)  
Controller: Watlow PM

Model	Working Volume (cu. ft.)	Dimensions: (H" x W" x D")	Temp. Rise Time – Ambient to Upper Limit	Power Requirements
BD-900	1/2	Internal: 9 x 11 x 12 External: 22 x 15 x 16	20 min.	120VAC, 1Ph, 60Hz or 110VAC, 1Ph, 50Hz
BD-901	1	Internal: 13 x 12 x 11 External: 29 x 18 x 17	20 min.	120VAC, 1Ph, 60Hz or 110VAC, 1Ph, 50Hz
BD-902	2	Internal: 16 x 16 x 16 External: 32 x 22 x 22	20 min.	120VAC, 1Ph, 60Hz or 110VAC, 1Ph, 50Hz
BD-904	4	Internal: 22 x 18 x 18 External: 38 x 24 x 24	20 min.	120VAC, 1Ph, 60Hz or 110VAC, 1Ph, 50Hz
BD-908	8	Internal: 24 x 24 x 24 External: 42 x 30 x 20	20 min.	120VAC, 1Ph, 60Hz or 110VAC, 1Ph, 50Hz
BD-927	27	Internal: 36 x 36 x 36 External: 57 x 42 x 42	20 min.	208VAC, 1Ph, 60Hz or 230VAC, 1Ph, 60Hz
BD-964	64	Internal: 48 x 48 x 48 External: 70 x 66 x 56	20 min.	208 VAC, 1Ph, 60Hz or 230 VAC, 1Ph, 60Hz