

## D Series

> D24

> D60

## Standard Design Dust Chambers



D24 Dust Chamber shown with (2) safety glass viewing windows

### D Series

The Envirotronics D Series Dust Chamber is designed to test a component's resistance to a dust-filled environment as defined in SAE Dust Test Specification J-575, subparagraph "G". The product is placed on the specimen rack and dust is agitated throughout the chamber by injecting compressed air into each of the dust troughs. The dust then settles, covering the product under test.

The D Series chamber is constructed of 16 gauge sheet metal with an air-dried lacquer-sprayed finish. The hinged lid gives full access to the workspace and is available with the option of viewing windows. In our D60 model, (2) 8" to 10" fan blades mounted in the chamber keep the dust in an agitated state. The pressure relief vent which is provided will prevent pressure buildup within cabinet while preventing the escape of dust material.

A compressed air pressure regulation system with filter and trap is provided for connection to your air supply. Air must be supplied at a minimum pressure of 80 psi and 10 CFM. The D Series' control timers allow pre-setting the agitation, the number of agitation intervals, and the number of cycles with automatic shutdown at the end of the preset number of cycles.

### Standard Features

- Total access chamber lid stays open at 60° angle
- Chamber lid gasketed with closed cell foam material
- Lid equipped with quick-release latch hardware
- Pressure relief vent with collector filter
- Removable stainless steel wire grate specimen platform
- Removable spray nozzles
- Compressed air pressure regulation system with filter and trap
- (2) adjustable interval digital timers and (1) counter timer
- Compressed air dual tower air drier system dries air to a -85°F dewpoint level
- 115-1-60 V power in with an amp draw of 5 amps
- Interior light with exterior switch

### Options

The new removeable EZ Load Front Panel, an option available on Envirotronics' Dust Chambers, allows the test product to be placed on the specimen rack without having to lift it over the chamber wall and lower it on the rack. It's easy to load and easy on your back.

MODEL	D24	D60
Workspace Dimensions	W72 x D24 x H24 in. W1829 x D610 x H610 mm	W72 x D60 x H24 in. W1829 x D1524 x H610 mm
Exterior Dimensions	W90 x D24.25 x H53 in. W2286 x D622 x H1346 mm	W90 x D60.25 x H53 in. W2286 x D1530 H1346 mm
Chamber Lid	hinged, full-access lid (2) 12" x 24" safety glass viewing windows (optional)	hinged, full-access lid (2) 8" to 10" fan blades to keep dust in circulation

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**Envirotronics®**

3881 N. Greenbrooke SE • Grand Rapids, MI USA 49512  
Tel (800) 368-4768 • (616) 554-5020 Email sales@envirotronics.com  
Fax (800) 791-7237 • (616) 554-5021 Web www.envirotronics.com