

Downdraft Bench

Models DB-2000 and DB-3000

Self-contained dust collector designed as a workstation for capturing a wide range of materials used in grinding and finishing operations.

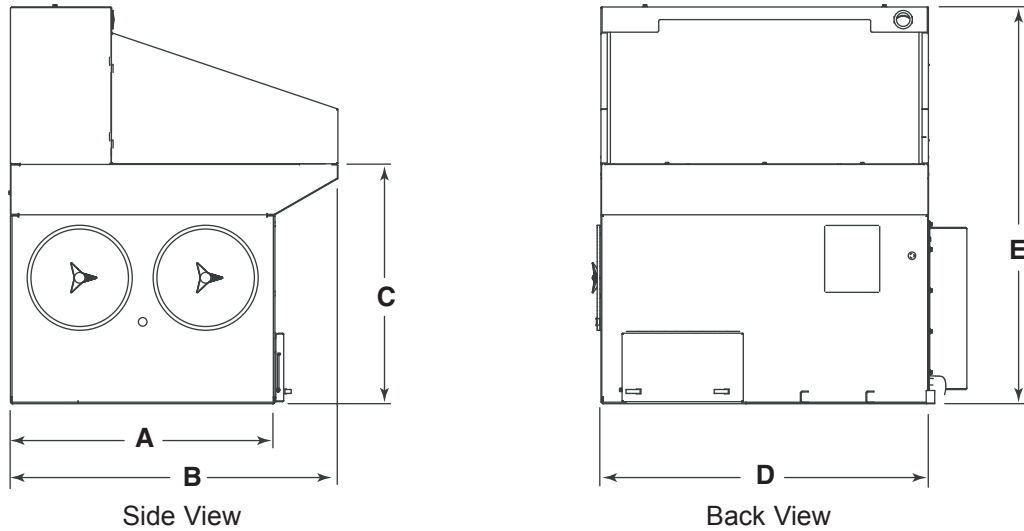


DB-3000

- Combines a rugged-constructed work surface with the high efficiency Fibra-Web® FR filter cartridge.
- Fibra-Web FR filter cartridges featuring nanofiber technology provide high filtration efficiency and long filter life.
- Filtration efficiency is exceptional at 99.999% on 0.5 μm dust particles.*
- Even air distribution provides effective dust control over the entire work surface.
- Hinged side-wing panels open to accommodate longer than normal workpieces.
- Built-in fluorescent light illuminates work area.
- Powered or remote configurations available with pulse or static cleaning to fit the application.
- Ergonomically designed for operator comfort.
- Productivity increases and morale improves by providing a cleaner working environment.
- Helps to meet OSHA Clean Air Standards.
- Quiet operation.

Downdraft Bench

Dimensions & Specifications



| Model | Nominal Airflow** (cfm) | Filter Area (ft ²) | Motor (hp) | Downdraft (fpm) | Dimensions (in) | | | | | Dust Capacity (ft ³) | Max Load per sq. ft. (lbs) | Shipping Weight (lbs) | Sound Level dB(A)† |
|---------|-------------------------|--------------------------------|------------|-----------------|-----------------|------|------|------|------|----------------------------------|----------------------------|-----------------------|--------------------|
| | | | | | A | B | C | D | E | | | | |
| DB-2000 | 2000 | 240-508 | 3 | 200 | 42.0 | 52.0 | 38.0 | 52.0 | 63.0 | 1.4 | 75 | 980 | 68 |
| DB-3000 | 3000 | 480-1016 | 5 | 200 | 42.0 | 52.0 | 38.0 | 78.0 | 63.0 | 2.8 | 75 | 1300 | 72 |

Note: Customer must have 90 to 100 psi clean air available. Filter area depends on the type of cartridge used

Standard Features

- Heavy-duty work surface supports 75 lb/ft²
- Automatic self-cleaning pulse jet system
- 200 fpm downdraft velocity
- Stable, efficient backward inclined airfoil fan
- Large capacity dust drawers
- Fibra-Web® FR cartridge
- Fluorescent light fixture
- 10-year warranty

Equipment Options

- Prewired controls with after-shift cleaning system
- Scratch-resistant work surfaces
- Variety of Torit-Built® filter cartridges

* Fractional efficiency is the ratio of the number of particles captured by the filters compared to the number entering the dust collector. The efficiency was determined by a comparison to Ultra-Web® cartridges in a nonpulsed laboratory test. The fractional efficiency of Ultra-Web cartridges has been documented by an independent lab under the following conditions: Downflo® collector running at a 2:1 air-to-media ratio and pulsed continuously; dust injected at one grain per cfm; efficiency measured optically after 350 hours. Actual efficiency of the cartridge may vary depending on the application. Dust concentration, particle size, airflow, and pulse-cleaning methods all affect filtration efficiency.

** Based on clean filters.

† Sound level per ANSI S12.34.1988. The actual measured sound level will vary, depending on background noise and room conditions.

Information in this document is subject to change without notice.



INDUSTRIAL AIR SOLUTIONS, INC.
Toll Free (USA) 1-877-844-3293
P.O. Box 90246
Raleigh, NC 27675
Raleigh 919-844-3293 • Fax 919-518-1667
www.industrialairsolutions.com
Email info@industrialairsolutions.com