

DEFENDER INDUSTRIAL DOWNDRAFT TABLES

The Defender Series of Industrial Downdraft Tables by Clean Air Industries is your ultimate source capture solution for weld and soldering fume, grinding dust, and more. Defender Downdraft Tables boast a flexible modular design, available in standard sizes of 4x3, 4x6, and 4x9, ensuring an even face velocity and exceptional airflow between 4200 – 9000 CFM.

Engineered to exceed typical industry standards, Defender Downdraft Tables prioritize safety in your workspace. They feature an integrated exhaust silencer to minimize noise and advanced spark arrest technology to maximize safety. Plus, our exclusive quick-release doors make filter rotation or replacement a breeze. The built-in filter cleaning system efficiently dislodges dust, directing it into an accessible dust drawer for quick and easy maintenance.

You can customize your Defender Downdraft Table to meet your operational needs, with options including HEPA afterfilters, durable metal or clear Lexan back walls, side walls, and dividers, as well as a gravel tray and LED lighting.



Product Benefits

- Uniform face velocity across the entire worksurface
- Capture contaminants before they enter your breathing zone
- Superior airflow with minimal noise
- Compliant with OSHA guidelines for the safe capture of dust, weld fumes, and smoke
- Automatic self-cleaning filter system for extended filter life
- Ruggedly built in the USA

Product Features

- Modular design
- Quick-release doors for simple filter maintenance
- High capture face velocity
- Dust drawer for easy servicing
- Extinguisher ports for additional safety

Product Options

- 4×3, 4×6, or 4×9 configurations
- Blue cushion grid matting
- Nanofiber filter upgrade
- HEPA afterfilter
- Metal or Lexan back wall, side walls and dividers
- 3', 6' or 9' hoods
- LED light kit
- Gravel tray

Typical Applications¹

- Welding
- Grinding
- Soldering
- Deburring
- Polishing

1 - For optimal usage, please consult the user manual.



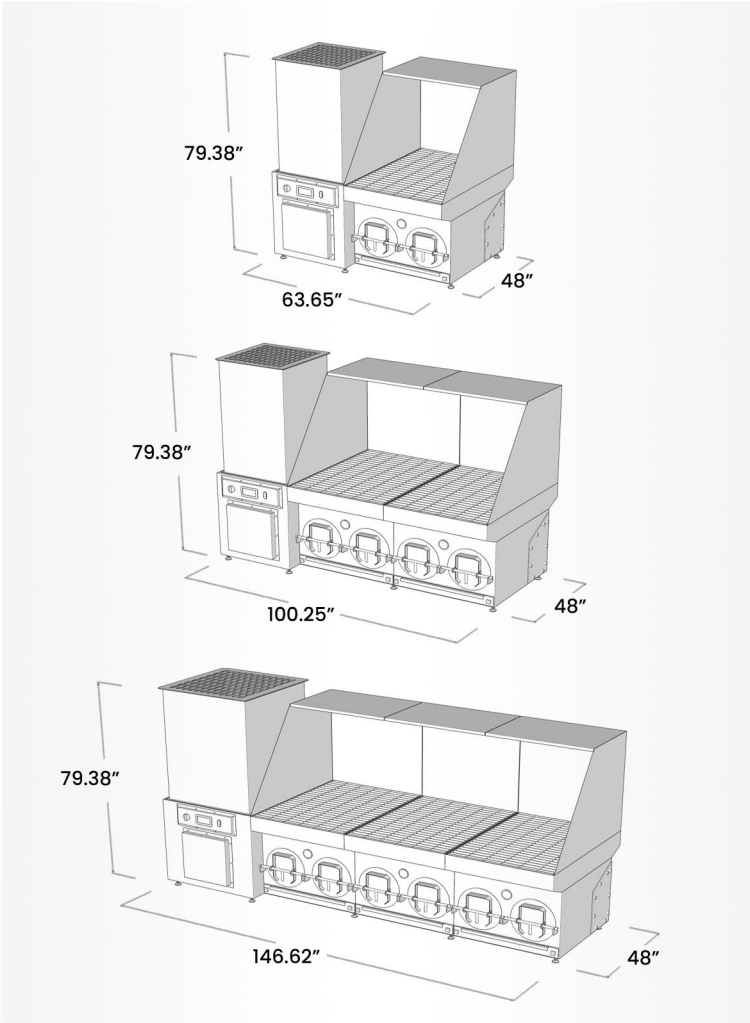


Warranty Information

All Clean Air Industries units are backed by a standard 10-year manufacturer's warranty*

We guarantee that the major structural components of the goods will be free from defects in material and workmanship for ten (10) years from the date of shipment.

*This warranty does not cover consumable parts, fuses, filters, or other non-structural components. For warranty details, visit our website: <https://clean-air.com/warranty>



**FLAME RETARDANT 80/20
CELLULOSE/POLYESTER**

STANDARD

- 12.8" (OD) x 8.375" (ID) x 24.61" (L)
- Filter Size: 215.3 sq. ft.
- Efficiency: MERV 11
- Part #: FIL-DDT-8020



**FLAME RETARDANT
NANOFIBER**

OPTIONAL

- 12.8" (OD) x 8.375" (ID) x 24.61" (L)
- Filter Size: 215.3 sq. ft.
- Efficiency: MERV 15
- Part #: FIL-DDT-NANO



**USER & MAINTENANCE
MANUAL**

To learn how to properly operate and maintain this unit, scan the QR code to instantly access your user and maintenance manual.



MODEL	CFM	TRUE FPM ³	MOTOR	VOLTAGE	NOISE	DIMENSIONS	FILTERS	WEIGHT
DDT-4x3	4200	350	5 HP	208, 230, 460V/3/60Hz	73 dBA @ 5'	63.65" W x 79.38" H x 48" D	2	1175 lbs.
DDT-4x6	6480	270	10 HP	208, 230, 460V/3/60Hz	77 dBA @ 5'	100.25" W x 79.38" H x 48" D	4	1775 lbs.
DDT-4x9	9000	250	15 HP	208, 230, 460V/3/60Hz	81 dBA @ 5'	146.62" W x 79.38" H x 48" D	6	2100 lbs.

3 - True face velocity (FPM) is a calculation based on airflow (CFM) divided by the square footage of the work surface.

* Please note that the dimensions provided are based on our base models and may vary depending on selected features. To ensure accurate shipping quotes, kindly contact us for personalized information that considers your chosen product features and customizations. Feel free to reach out with any questions or to request a personalized shipping quote. We are committed to your satisfaction and look forward to helping you!

 **Learning Labs, Inc.**
Equipping Teachers and Empowering Students!



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