

Stoelting Co. instruction **MANUAL**

Hazard Technology Downdraft Table
52480



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Please note - Hazard Technology is now part of Stoelting Co. For technical support or service please contact us at: info@StoeltingCo.com or 800-860-9775

Quick Start Guide

The Hazard Technology Downdraft Table is a simple yet widely used and successful means for removing hazardous fumes, vapors, and particles from the laboratory.

Our Downdraft Table protect personnel and the environment from contamination by drawing air through the table and into our seamless filters. Continuous airflow across the work surface directs contamination away from the user, through the filter(s) and then recycles clean air back into the laboratory.

Filter options include

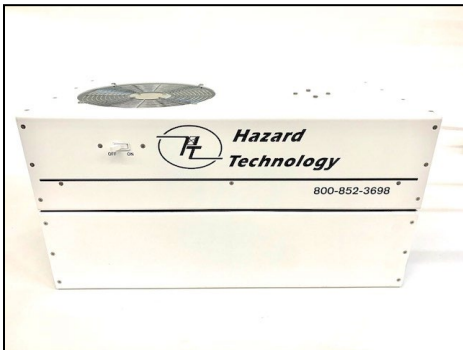
- Carbon (Charcoal) Filters - rid the work area of hazardous fumes and vapors.
- HEPA Filters - used for containment of particles - toxic powders, asbestos, lead, fingerprint, etc.
- Potassium Permanganate - safely absorbs and neutralizes formaldehyde fumes
- Polyester – generally used for dust prevention and as a pre-filter in combination with HEPA filters

Filters may be stacked for mixed use applications.



Downdraft Table

Installing Filters



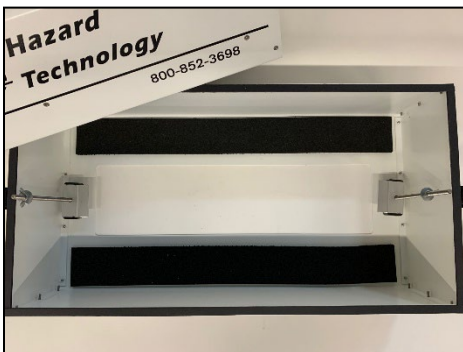
Unbox the Blower



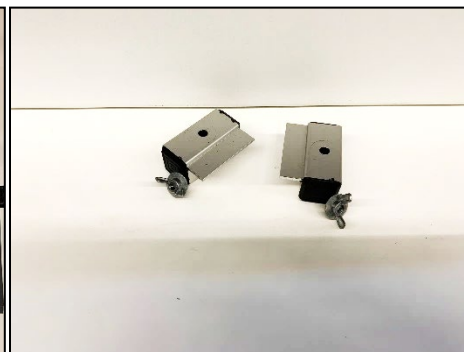
Remove the latches



Separate Blower top from bottom



Remove the Washers



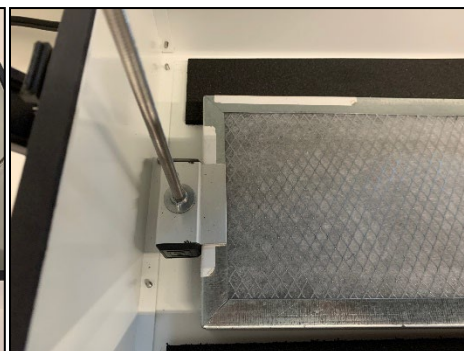
Remove Filter Clamps



Remove Filter from box (remove plastic)



Place Filter into Blower Gasket Down



Replace Filter Clamps and Wingnuts
(tighten Wingnuts 2 extra turns)



Align Blower latches and snap shut

The Filter is now installed, and the Blower is ready to be mounted on the Downdraft Table

When installing HEPA Filters DO NOT TOUCH the White HEPA Media

Please note that all filters should be changed regularly and according to your specific use and needs. Even without use, once a filter has been installed, it should be changed at least once per year. Failure to replace the filter increases the risk that your hood will not provide appropriate protection from hazardous materials.

Assembly and Blower Mounting

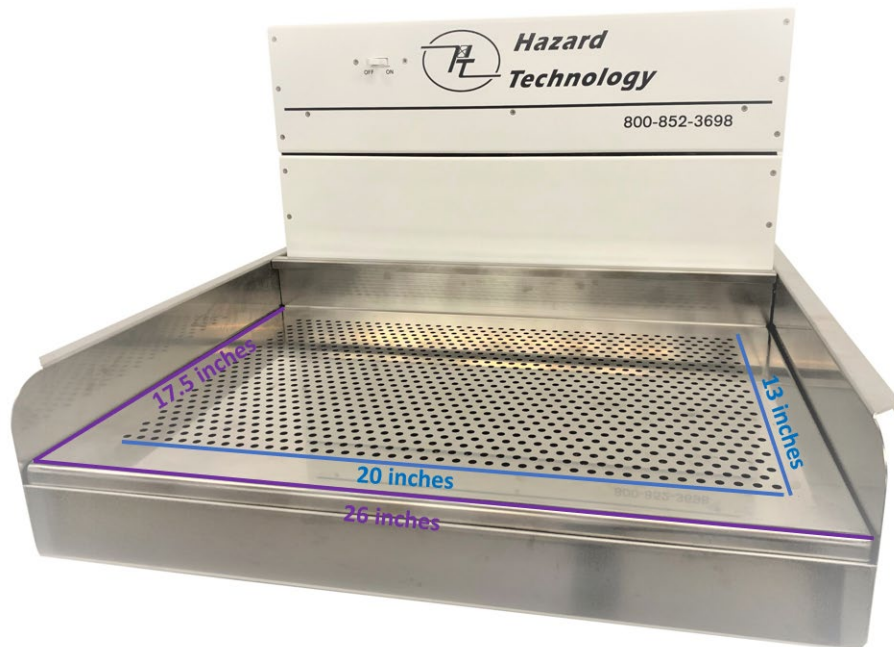


The Downdraft Table is a simple two-piece design. The removable, autoclavable, stainless steel work surface nests into the downdraft table. This allows for easy cleaning

The system was designed to be used on desk or countertop

The blower box nestles in behind the perforated table-top work surface to draw contaminated air away from the user, through the table and into the filter.

The overall dimensions (footprint) of our downdraft table is 30 X 26 inches. The 'Blower Box' is nestled on the back 12.5 inches leaving the dimensions of the workspace (shown in purple below) at 17.5 X 26 inches. The perforated work area (in blue below) is 13 X 20 inches.





The Downdraft Table is most effective when, what is to be vacuumed away (whether it be dust, dander, powder, gas, etc.) is within 3 inches of the tables surface (see image above) which is the height of the 'rim'. The further your workspace move away or above the rim the less effective the system will be at collecting and filtering allergens or hazardous materials.