

FILTERED DOWNDRAFT TABLES

Custom Polypropylene Lab Furniture



Plastic Concepts Filtered Downdraft Table is a unique safety solution for processes that would normally require the use of exhaust ventilation, such as a snorkel, to perform tasks at a workbench.

By using negative air pressure and advanced filtration technology, solvents, acids, odors, fumes, powders and particulates are pulled away from the user through the back of the table and then filtered through filtration and detection technology. The clean, filtered air is exhausted back into the lab which eliminates the need to connect to HVAC.

Easily create a safer and healthier workspace at any stage of lab design - renovation, future planning and new design.



Industry

- School/University labs
- Biotech
- Medical Device
- Electronics

Process

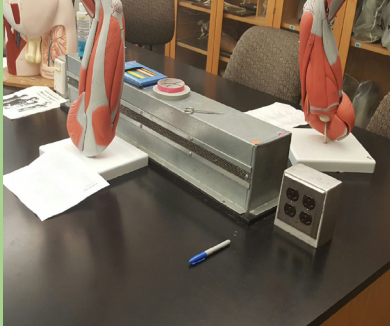
- Life Science
- Animal Subjects
- Anatomy Studies
- Soldering
- Necropsies
- Dissection
- Embalming
- Taxidermy
- Cleaning Procedures

Erlab's filtration technology meets the stringent industry safety standards: AFNOR NFX 15 211, ANSI z.9 52012, and ASTM.

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Plastic Concepts' downdraft table is integrated with Erlab's advanced filtration detection and communication technology which continuously monitors all aspects of filtration performance. Our Downdraft Tables can be completely customized to suit the needs in your lab. We will work with you to configure the downdraft table and filters based on your space requirements and applications. Standard sizes are listed below. Sitting or standing height available.

- Filter saturation is monitored with Erlab's built-in Smart® technology so there is no risk of chemical breakthrough.
- Air is filtered and recirculated and not exhausted out of the building — so it saves money on heating and cooling.
- Polypropylene does not rust or corrode and is easy to clean and sanitize.
- Easy to move units as your lab needs change.
- Available in phenolic or epoxy tops.
- Filtration on each table is configured based on the process being performed.



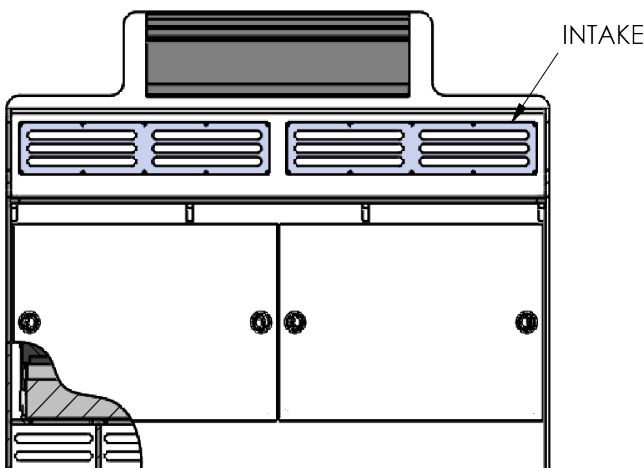
BEFORE



AFTER

CASE STUDY

The biology lab at a university was looking for a solution for managing the fumes from the chemicals used in their animal specimens. Plastic Concepts, with Erlab's technology, was able to create a new customized anatomy table for this teaching lab, featuring low profile design and customized filtration for their process. Our Downdraft Table was the ideal solution for safety, affordability and flexibility!



| Size Options | |
|----------------------|--------------------|
| Widths | 36", 65", 72", 96" |
| Depths | 22.5", 30" |
| Work Surface Heights | 31", 40" |

