

Customized Hoods



Not finding what you need in a hood? Let our expert team of mechanical engineers work with you to build your dream hood! Specific applications, OSHA compliance, rules, and regulations require certain specifications.

At Sentry Air Systems, we design, engineer, and quality check our custom benchtop, mounted, walk-in hoods, and custom fume hoods to ensure high quality air filtration. Our engineering team designs and assists in the development of the hood to create an accurate, satisfactory, and optimal solution with conceptual and thorough approval of drawings prior to fabrication.

Custom Hoods Available

- Ductless Fume Hoods
- Portable Spray Paint Hoods
- Portable Clean Room Hoods
- Ducted Fume Hoods



Custom hood with multiple hinges and custom cut-out with side vinyl curtains

Examples of Custom Modifications

- Custom sizes & dimensions
- Specified hood material & color
- Hood transparency
- Sink & other custom cutouts
- Slip-hatches
- Accessories for hanging
- Multiple points of entry
- Multiple folding hinged lids
- Anti-static
- Blower configurations
- Mounting options

Typical Applications

- Data Recovery
- Tissue Culture
- Botany
- Projection Lens Assembly
- Cleaning
- Medical
- Stem Cell Therapy PRP
- Manufacturing
- Pharmaceutical
- Commercial
- Laboratory
- Sterile Cleaning Environment
- Painting

Customization Process

1. **Free Consultation** – The proposed custom hood is discussed to determine the suitability and efficiency of its design in regard to your specific application.
2. **Conceptual Drawing** – Sentry Air's Mechanical Engineers creates a detailed conceptual drawing that includes technical specifications and configurations.
3. **Customer Approval** – The drawing is sent and approved.
4. **Fabrication** – When the drawing and terms & conditions are approved, Sentry Air begins the fabrication process.
5. **Lead Time** – The lead time for custom hoods varies, but is typically 2 - 3 weeks after approval of the drawing.



Custom Cutout with Upgraded Model 400 Blower System



Ducted Fume Hood made custom out of stainless steel



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Examples of Custom Hoods



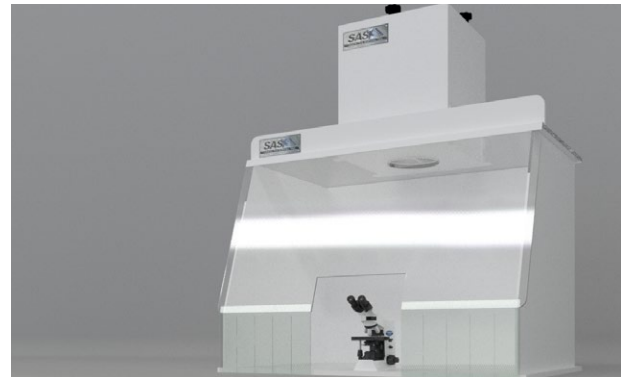
Custom ductless fume hood external blower ducted to the hood.



Custom front cut-outs, custom hinged top, and internal shelving.



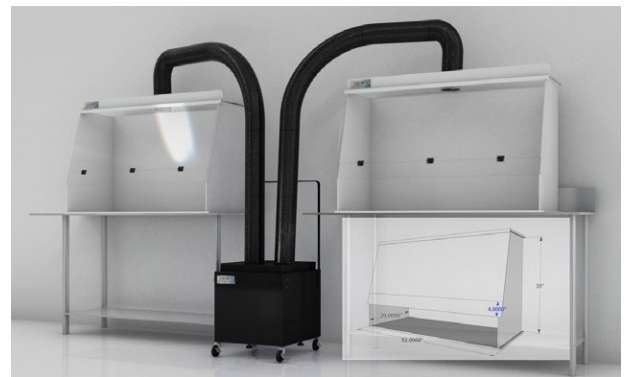
Model 400 wall mounted air cleaner ducted to two custom ductless fume hoods.



Custom hood with cutout for safe microscope use.



Custom ductless fume hood with sink cutout.



Custom Hoods with one centralized Model 400 blower ducted into each unit.