

Hamilton Laboratory Solutions

Spectre - Fume Hood

OVERVIEW

Spectre Fume Hoods from Hamilton help to ensure the safety of your lab while enhancing the efficiency of tests and experiments that involve hazardous materials. Our hoods are designed to safely exhaust air outside the building to control and minimize exposure to hazardous fumes, vapors and dust. Available in a variety of configurations with fixture service, sash and LED lighting options.



FEATURES & BENEFITS

- 1. Hood Enclosure** is powder coated steel with chemical-resistant liner for years of continuous operation.
- 2. Laminated Safety Glass Sash** is offered with a vertically rising or combination options for 4' through 8' widths. A 35" high viewing area delivers optimum visibility of the fume hood interior. The AutoSash Passive Positioning System brings the sash to a standard 18" working height when the sash lock is released. Standard features include a counterbalance system that features a chain and sprocket sash support system, with alignment shaft and sash leveling system.
- 3. Optional Auto-Sash Controller** closes the sash automatically when the operator is not present in front of the fume hood.
- 4. Preset Baffle System** promotes optimal airflow and maximum containment.

Continued on back side.



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FEATURES & BENEFITS *Continued*

- 5. Low-profile Air Foil** is ergonomically designed to provide obstruction free access to the hood interior while minimizing air turbulence entering the hood. A secondary trough is an additional safeguard for the containment of spills not secured by the dished work surface.
- 6. Standard LED Interior Lighting** package supports superior work area illumination. Upgrade options allow adjustable lumen output and color temperatures.
- 7. Monitoring and Alarm Systems** alert users to malfunctions or unsafe conditions, ensuring the hood is operating properly. Factory installed analog or digital TEL airflow monitors measure face or duct velocities to ensure lab safety.
- 8. Chemical-resistant Epoxy Resin Worksurface** includes standard cupsink locations.
- 9. Interior Liner and Coating** options include chemical-resistant polyester resins and stainless steel, each protects the hood from corrosion.
- 10. Rectangular Exhaust Collar** is contoured, to provide more vertical space, reduce noise levels, and conserve energy by maintaining lower static air pressure.
- 11. Radius Corners** on the front access posts are esthetically pleasing and help reduce airflow turbulence.
- 12. Fixture Service** options accommodate a wide array of needs. All standard hood designs come with 4 available fixture locations per post with the ability to customize configurations up to 5 pre-piped gases/water fixtures per side. ADA accessible fixture options also available.
- 13. User Safety Features** include laminated safety glass to protect users in the event of an emergency.
- 14. Standard Electrical Features** include pre-wired, GFCI receptacles at each post, and prewired light switch for standard LED lighting.
- 15. ANSI/ASHRAE 110 - 2016 Tested**

Note: Fume Hood can be utilized in variable air volume or constant volume applications; field added HVAC controllers can be added to control airflow and damper systems. This type of fume hood and related exhaust system will depend on the building's HVAC system, the number of fume hoods in the lab, and any special or unique requirements. Consult your HVAC contractor, Facilities Manager, and/or Hamilton Representative.

