



SAPPHIRE
CLEANROOMS

HOODS



HOODS

Our Laminar Flow Hoods provide an economical work environment for the most stringent contamination requirements in the pharmaceutical, biotech, electronic and semiconductor industries.

All materials used are selected for durability and contamination control. The exterior features a high chip-resistant white powder-coated finish.

Powerful filter/blower filter/fan modules provide a vertical laminar flow of filtered air. The direct-drive blower provides an industry-best low noise level of 50dBA.

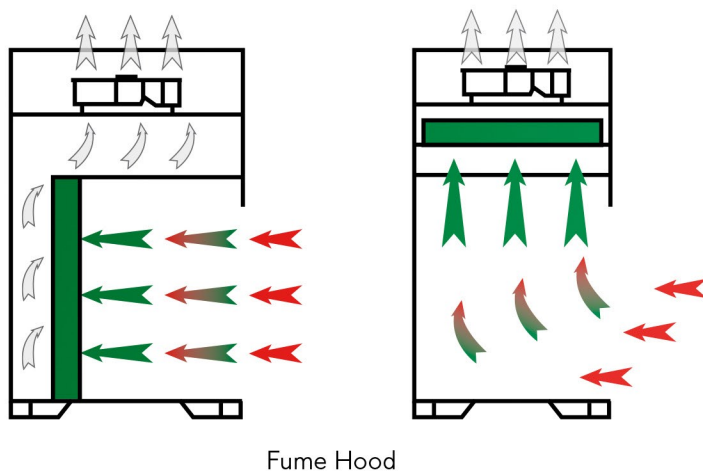
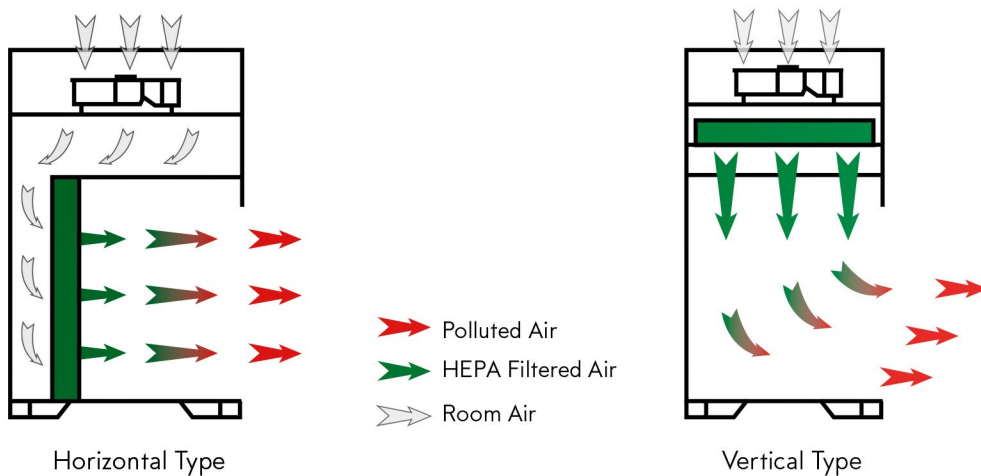
Select the filters to meet your requirement: HEPA filters are rated 99.99% efficient at removing particles 0.3 microns or larger, and ULPA filters are rated 99.999% efficient @ 0.12 micron particles. HEPA filter comes standard with all units.

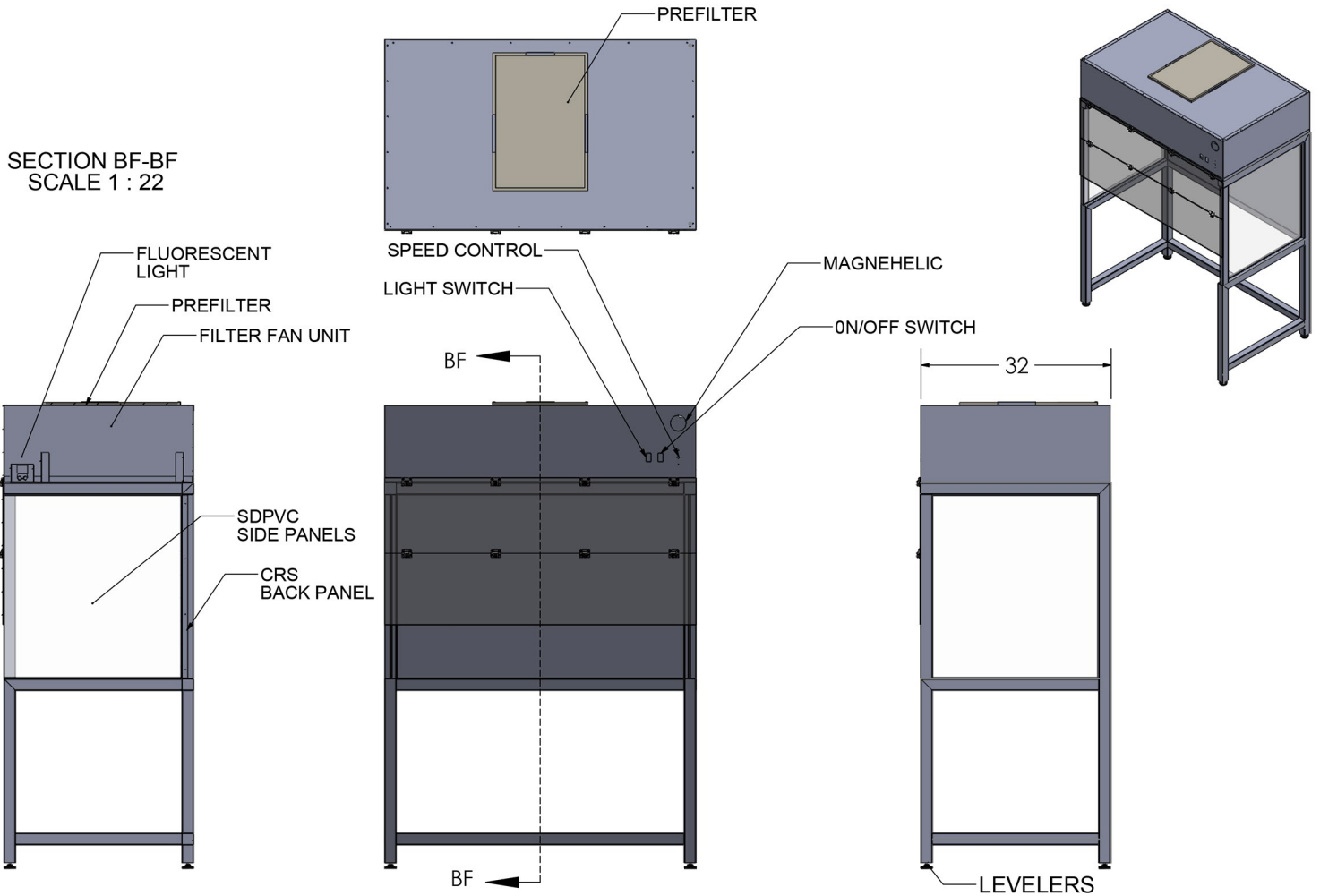
MATERIALS

- **Acrylic:** Full visibility and outstanding tensile strength. These economical panels are lightweight and easy to clean. Acrylic is not recommended for use with alcohol or other strong cleaning agents.
- **Static Dissipative PVC:** These load safely to the ground surface, protecting against the potential damage from ESD (electrostatic discharge) and particle pollution. Dissipative layers are molecularly embedded for optimum durability.
- **Polycarbonate:** Resists many common acids, solvents and cleaning solutions. Its high tensile strength makes it shatter resistant.
- **Polypropylene:** It resists to acids and other chemicals.
- **Stainless Steel / Powder Coated Steel:** Provide excellent corrosion resistance, easy cleaning and disinfecting. They also operate well in harsh environments.

HOODS

Laminar Flow Hoods and Exhaust Fume Hoods are available in horizontal or vertical airflow configurations. They come in a range of materials that meet requirements for chemical resistance, static control and cleanliness. Benchttop or floor-standing options available. Explosion-proof models are also available.





Standard:



LED Lighting

Energy efficient LED light panels effectively illuminate work space



Control Panel

Control panels allow easy access to light switches and fan speed adjustment. Digital control panels can be designed to monitor pressures, filters, alert operators, audit access.



HEPA Filter

HEPA or ULPA can be provided on our energy efficient Fan Filter Units (FFU); Room facing access allow easy filter change.



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