

CamContain



Advantages

- Complete self-contained air filtration systems for removal of hazardous contaminants
- Performance matched and optimized components

Typical applications: Hospital isolation rooms/wards and Intensive Care Units (ICUs) for the control of airborne pathogens, viral contaminants and infectious organisms.

Construction: Matched components can include bag-in/bag-out section, prefilter section, testing section and an optimized fan section.

Filters: Absolute® filters and various grades of ASHRAE grade filters for prefiltration.

Additional data: Consult factory or Literature 3424 for additional information.

Advancing the Industry with Secure Containment Technology

- As a non-intrusive filter validation system (NIFV), an automatic scanning system allows for validation tests to be conducted while labs are operational, eliminating downtime and minimizing the risk of exposure to maintenance personnel or contamination to adjacent spaces. This results in a significantly lower Total Cost of Ownership (TCO).

- With a fully welded, pressure decay tested construction, CamContain ABS is 40 percent smaller than conventional filtration systems, greatly reducing the amount of space required for installation while still ensuring a uniform aerosol challenge distribution. The innovative configurable design allows for CamContain ABS to be positioned horizontally or vertically, and manipulated to accommodate a variety of duct combinations.

- The integrated platform of CamContain ABS incorporates a 360° rotatable, bubble-tight fitting option that can be configured for any type of inlet or outlet orientation.

- Linear bio-seal dampers have been designed to ensure the long-term integrity of the system. Certified to be bubble-tight after 15,000 cycles, the dampers require 27.1 Newton Meters (20 Pound Feet) of torque to seal, a reduction of approximately 70 percent compared to conventional filtration dampers.

- The unique design of the CamContain ABS filtration housing ensures uniform particle distribution during the filtration cycle, and allows for effective decontamination in preparation of filter changes.



The CamContain Filter Validation System (FVS) is an integrated and intelligent auto-scanning software package that allows for validation tests to occur while labs are still active. Innovative in design, and configurable to meet proprietary requirements, the CamContain FVS increases the quality and accuracy of revalidation procedures by reducing exposure to test personnel and adjacent environments, while increasing the speed of in situ tests.