

Bag In/Bag Out (BIBO)



The AAF Bag In/Bag Out side access filter system is a safe, simple, reliable method for removing contaminated particulate filters and/or gases in hazardous environments. All housings are built and tested per ASME N509 and ASME AG-1.

With this system, maintenance personnel are protected from direct contact with the interior of the housing and hazardous contaminants during filter change-out.

Nuclear Cooling Coils



AAF's nuclear coils are custom designed to meet any application. Built and tested to ASME "N" stamp requirements.

Walk-in Filter House



For systems up to 30,000 CFM.

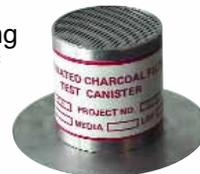
Side Access TSC



Designed for smaller systems and confined spaces. The AAF TSC housing is in use in over 90% of the nuclear power plants in the US today.

Adsorbent Test Canisters

Used to determine the operating life remaining in a given bed of adsorbent. Since it is not practical to take samples from an adsorbent bed, small canisters are piped up in parallel to the main beds to pass a proportional amount of air flow. Canisters are periodically removed from the system for analysis of remaining life.



Carbon Filters



Type II

Reusable Type 304 trays. Meets the requirements of ASME AG-1 and N509. Filled with impregnated carbon that adsorb radioactive iodides and other gases. Each Type II tray is rated for 333 CFM.

Type III

A flexible system in which the carbon can be replaced without removing the tray or filter. For systems 2,000-30,000 CFM.



Type IV

This carbon filter is a BIBO type rated for 1,000-1,250 CFM.



HEPA Filters

- Designed, manufactured and tested under a Nuclear Quality Assurance Program meeting all requirements of ASME NQA-1 and 10CFR50 App. B.
- Meets the requirements of ASME N509, and are qualified to ASME AG-1 (Formerly MIL-F-51068) and to UL 586. Capacity of up to 1500 CFM in a variety of sizes.
- Neoprene gasket or gel seals.



Stainless Steel Casing



Fire-Retardant Plywood Casing

ASHRAE Filters



AAF VariCel® for nuclear use. Up to 90-95% ASHRAE efficiency. UL 900, Class 1, ASHRAE 52.2 MERV 11-14

VariCel® V high capacity, extended surface mini-pleat filters. Efficiencies of 70, 80 and 95% are available. UL Class 2, ASHRAE 52.2 MERV 12-15



VariCel® II extended surface mini-pleat slim line design. Available up to 95% efficiencies. UL Class 2, ASHRAE 52.2 MERV 11-15

2000 CFM Nuclear HEPA AG-1 Qualified



AstroCel® III

1.3 in. w.g. Diff. Pressure
24" x 24" x 11½" ASTM A240
Type 304 Stainless Case

- Save system operating and maintenance cost
- Increase capacity of existing systems with no construction cost
- Extend the life of existing systems at rated capacity
- ASME NQA-1
- 10CFR50 App.B
- QPL Listed
- UL 586

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ISO Certified Firm

AAF has a policy of continuous product research and improvement and reserves the right to change design and specifications without notice.

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