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

Walk-in Filter House
For systems up to 30,000 CFM.

Nuclear Cooling Coils
AAF’s nuclear coils are custom designed to meet any
application. Built and tested to ASME “N”
stamp requirements.

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.

AAF International®, a world leader in clean air
solutions, was there with the right products when
the nuclear industry first began – and continues to
provide products to help you meet the continuing
demand for qualified and dependable solutions to
support operating license renewals, power
uprates and new construction.

• Bag In/Bag Out
• Walk-In Housings
• Side Access TSC
• Cooling Coils
• HEPA Filters
• Carbon Filters
• ASHRAE Filters
• Fans/Dampers
• Air Handling Units

• Retrofit HVAC Solutions
• Chillers
• Replacement Parts
• Filter Media
• Electric and
Steam Heaters
• Commercial Grade
Dedication
Filtration

**Adsorber Filters**

**Type II**
- Reuseable Type 304 trays. Meets the requirements of ASME AG-1 Section FD 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. Suitable for systems 2,000-30,000 CFM. Meets the requirements of ASME AG-1 Section FE.

**Type IV**
- This carbon filter is a BIBO type rated for 1,000-1,250 CFM. Meets the requirements of ASME AG-1 Section FH.

**Adsorbent Test Canisters**
- Used to determine remaining operating life 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.

**HEPA Filters**
- Designed, manufactured and tested under a Nuclear Quality Assurance Program, meeting all requirements of ASME NQA-1 Section FC and 10CFR50 App. B.
- Meets the requirements of ASME N509. Qualified to ASME AG-1 Section FC (Formerly MIL-F-51068) and to UL 586. Capacity of up to 1500 CFM in a variety of sizes.
- Neoprene gasket or gel seals.
- Available in Type 304 or 409 Stainless Steel Cell Sides.

**ASHRAE Filters**

**AAF VariCel®**
- For nuclear use. Up to 90-95% ASHRAE 52.1 efficiency. UL 900, ASHRAE 52.2 MERV 11-14.
- Available in Type 304 or 409 Stainless Steel Cell Sides.
- Meets the requirements of ASME AG-1 Section FB.

**VariCel® V**
- High capacity, extended surface mini-pleat filters. Efficiencies of 70, 80 and 95% are available. UL 900, ASHRAE 52.2 MERV 12-15.

**VariCel® II**
- Extended surface mini-pleat slim line design. Available up to 95% efficiencies. UL 900, ASHRAE 52.2 MERV 11-15.