

AFT® Capless Reverse-Air Filter Bags For CFB Baghouses

Micronics is a leader in manufacturing high-quality filter bags for a wide range of industrial baghouses to help plants prevent emissions, maintain regulatory compliance, reduce operating costs, and eliminate unplanned outages. Micronics can supply a wide range of filter media and finishes for all OEM baghouse styles and types including reverse-air, pulse-jet, and shaker.

In the power industry, many coal-fired generating plants are struggling to compete with lower-cost gas-fired power generation. Many plants with dry scrubbers and reverse-air baghouses are making process changes that improve overall performance but increase the corrosion potential. This results in excessive baghouse maintenance costs due to filter bag cap failures and opacity issues, an indicator of the amount of dust leaving the baghouse.

Patented AFT® Capless Reverse-Air filter Bags were developed to extend filter bag life in corrosive environments such as CFB Baghouses. The capless reverse-air bag is the long-term solutions to failures caused by corroded bag caps. Analysis of installed systems shows that capless bag suspension components (304 SS hanger and G7 FRP tube) will last more than ten (10) years.

AFT® Capless Reverse-Air Filter Bags deliver these benefits:

- Increase filter bag life by up to 10 years in highly corrosive environments
- Easy replacement of individual components
- Labor associated with installation is similar to with the capped bags
- Reduction in maintenance time and labor costs associated with filter bag cap failures



Contact the Micronics Engineered Filtration Group to learn more about our full range of Baghouse Solutions including our Baghouse Maintenance and Repair Services, In-House Laboratory Testing, and Training courses for your baghouse personnel. We've got you covered to meet the toughest environmental challenges.