

PRODUCT | SERVICE INFORMATION

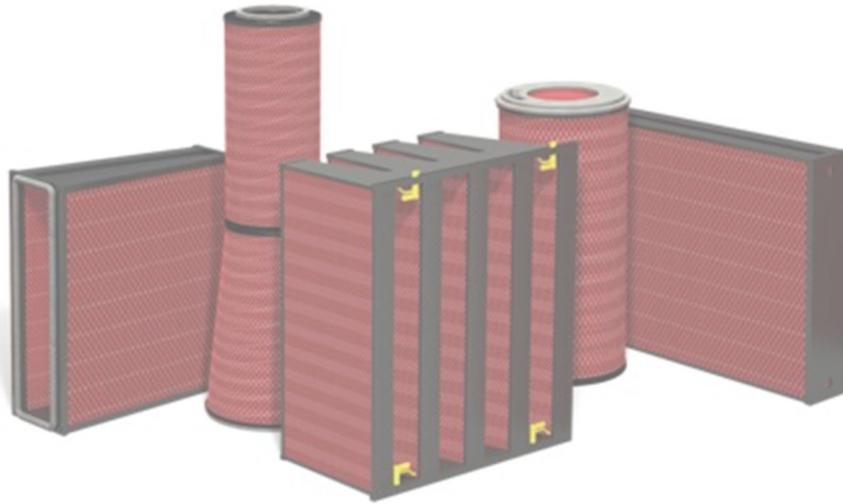
POWER APPLICATIONS



WHEN
CLEANair
IS CRITICAL
Filter Technology Company, Inc.

800.874.1045
INLETFILTRATION.COM | FILTERTEXAS.COM

38 YEARS OF SERVICE, SINCE 1984...



Specialists in the solutions we offer, our team maintains a narrow focus on specific product and service applications to ensure customer goals are met and exceeded. Standard replacement and high performance products in various solutions specifically included to help our customers run their facilities efficiently.

As a distributor, we exclusively partner with those manufacturers who provide high-performance filtration solutions. These products achieve improved equipment protection, reduce filter replacements, reduce landfill waste and lower energy consumption. Representing multiple manufacturers allows FTC to promote both direct replacement and high performance product options for any brand, style, or efficiency filtration product available in the market today.



PRODUCTS AND SERVICES

INLET FILTRATION | COALESCING | (H)EPA

FILTER HOUSINGS AND SYSTEMS

UV-C SYSTEMS AND REPLACEMENT LAMPS

INTLET | COMPRESSOR FILTRATION SERVICE

CUSTOM FILTRATION SOLUTIONS

DUST COLLECTION

EVAPORATIVE COOLING MEDIA | REPLACEMENT

WATER FILTRATION

POWER TRANSMISSION BELTS

SITE SURVEYS AND INSPECTIONS

FILTER RETENTION CLIPS REPAIR | UPGRADE

PROCESS FILTRATION

AIR CLEANING EQUIPMENT

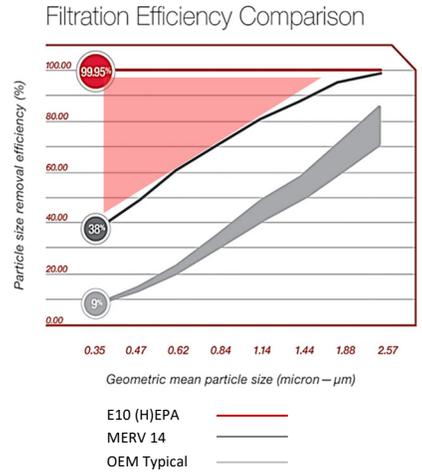
INTAKE FILTRATION

REAL WORLD | VERIFIED RESULTS

Two 40 MW GE Frame 6B units operated in a cogeneration application within a large chemical refinery with a few miles of the Gulf of Mexico. Both units upgraded from traditional MERV 8 pre-Filtration and MERV 14 final filtration to **Coalescing** Pre-Filtration elements and **E12 (H)EPA** final filtration solutions. #

3%
Output Gained

\$ 42,000
Avg. Monthly Savings



FILTRATION | ENHANCED ENGINE PERFORMANCE

Continuous operation at low differential pressure can be achieved by increased filtration levels that prevent compressor contamination. E12 (H)EPA filtration will not only prevent compressor contamination through the removal of hydrocarbons, but also provides protection against repeated and cyclic exposure to sea salts, salt in solution, fog and mist, as well as industrial contamination for area processes. Sustained operation eliminates the need for both offline and online water washing. Higher levels of filtration generate significant improvements in engine and component life, with documented reductions in operational expenditures.

Enhance fuel efficiency

Fuel efficiency is increased, while operational costs and maintenance are reduced

Retain power output

Compressor cleanliness is maintained with low pressure drop, ensuring maximum available power output

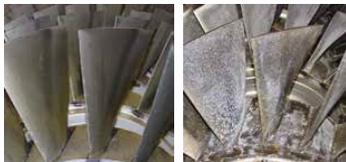
Protect moving parts

No seizure of variable guide vanes and pneumatics are free of contamination

Eliminate hot end corrosion

Eliminate hot end corrosion and ensure cooling passages remain blockage free, protecting turbine blades from fatigue and cracking

Eliminate water washing



16,000 hours with AAF E12 (H)EPA vs. 8,000 hours with pocket filtration

Extend engine life

Engine and component life will be extended with the destructive effects of erosion, fouling, and corrosion removed.

Reduce CO₂ emissions

A clean, healthy and efficient gas turbine will significantly reduce CO₂ emissions.

BEST IN CLASS PERFORMANCE SOLUTIONS



COALESCING PRE-FILTRATION

Treated with Coalescing Agent
Long Service Life
Rigid Plastic Frame | Low Pressure



BARRIER STYLE FILTRATION

MERV 15—E12 (H)EPA
Coalescing | Progressive Structure Medias
> 30" w.g. Burst Strength



CARTRIDGE FILTRATION

MERV 15—E12 (H)EPA
Coalescing | Progressive Structure Medias
SS Core | Low Pressure Drop

SERVICE

NAFA NCT | HASC CERTIFIED TECHNICIANS

AAF | VILEDON AUTHORIZED

- ⇒ Inlet Filtration Inspections & Replacement Services
- ⇒ Evaporative Cooling Media Inspection & Replacement
- ⇒ Inlet Housing Inspections
- ⇒ Filtration Retention Mechanism Repair & Upgrades
- ⇒ Housing Repair | Replacement
- ⇒ 3rd Party Laboratory Analysis & Reporting



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CLEAN AIR SOLUTIONS SINCE 1984

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