FILTRATION TECHNOLOGIES

TRITON™

Gas Coalescing

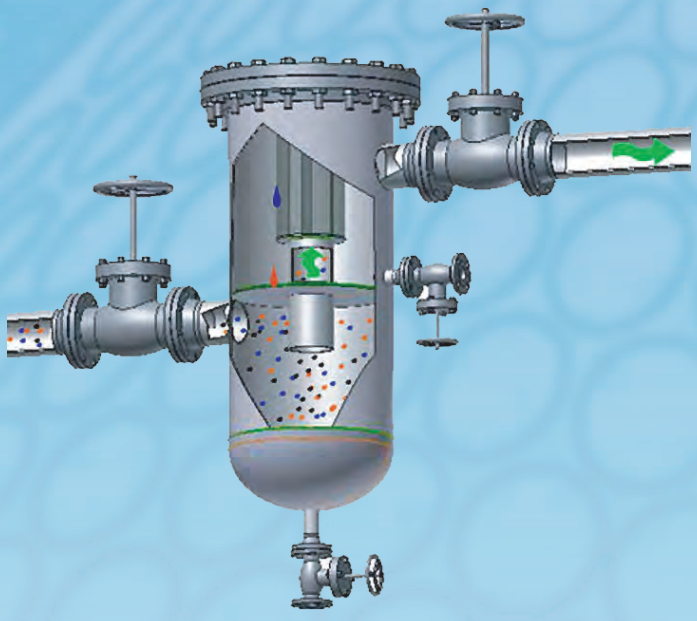
Triton™ Systems for:

- Low Nox Burners
- Heaters & Boilers
- Turbines
- Compressors
- Natural Gas Engines
- Gas Treatment Plants

Engineered to provide superior removal of solid and aerosol contamination from gas streams resulting in:

- Longer Service Life
- Reduced Maintenance from fouling and coking
- Reduced Wear
- Lower Operational Costs

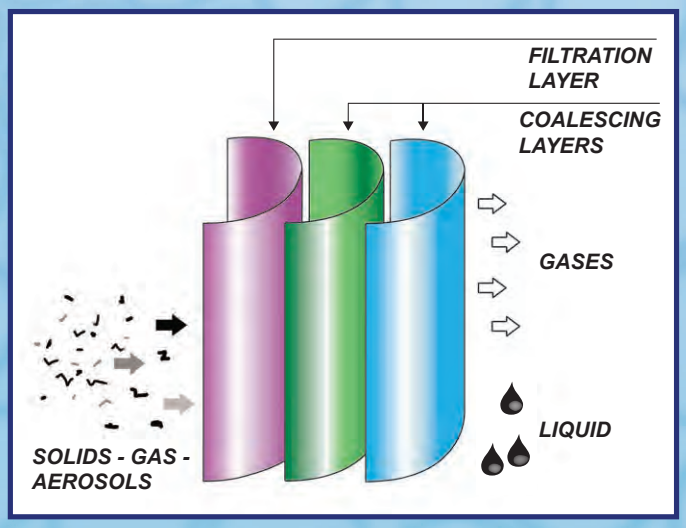
Triton™ is a filter and coalescer combined in a unique design that provides superior performance in removing aerosols and solid contaminants while providing significantly longer filter life in a smaller package.



Triton™ design requires a much smaller footprint than other conventional systems. This saves space and allows installations in very tight equipment environments.

The Triton™ filter element will remove solids, hydrocarbon and aqueous aerosols including water, lube oil, amine carryover, green oil, pipe scale, rust and black powder (iron sulfide). Our robust element construction stands up to commonly found contaminants.

Three Stage Filter Element Design



The coalescing stages of the Triton™ gas conditioning element removes aerosols of oil and water using a combination of proprietary filtration media. The result is a coalescing process capable of removing aerosols as small as 0.1 micron. Our coalescing standard is 0.3 micron (99.98%).

For systems with consistently high liquid loadings, we offer an oleophobic media treatment that shunts liquids more quickly with a lower pressure drop.

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Triton™ Filtration Advantages

Features	Triton™ Advantages	Benefits
High efficiency element system	State of the art coalescing and particle removal capacity	Improved performance and longer life between element change-outs
Integral pre-filtration layer	Reduces need for separate pre-filter system to protect the coalescing section	Reduces cost of additional vessels, valves, instrumentation and more complicated maintenance procedures. Very small system footprint
Proprietary coalescing media	Improved drainage of captured liquids	Less pressure drop under all flow conditions (90% turndown) and improved performance during high liquid system upsets
Single element design and single bolt installation	Element change-out requires only a single wrench to replace a single element	Quick and easy maintenance. Simpler vessel design and smaller footprint
Triton™ element has integrally molded seals on the end caps	Elimination of o-rings and gaskets	No loose seals and gaskets to complicate element change outs and maintenance
High temperature materials	Increased operating temperatures	Standard element can be used under working conditions of 275º F (continuous) with an option to go to 400 º F

Skids and Turnkey Systems

From concept to design, fabrication and installation, we design and build complete turnkey systems. Complete packages including filtration, valves, level and pressure instrumentation, automatic drains, dew-point heaters, flow meters and related components.

Compliance to all US, Canadian, and European standards.

See our complete line of filtration and separation products at www.filtrationtechnologies.com

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