



KAYDON FILTRATION
Filtration Group®

The background is a photograph of a power plant at night. Two large, white, hyperboloid cooling towers are illuminated from below, casting a bright glow. To their left, several smaller, cylindrical smokestacks are also illuminated, with some emitting a faint white plume. The sky is a deep, dark blue, and the foreground is mostly black, with some blurred light trails in shades of red and blue at the bottom.

COMPLETE POWER PLANT SOLUTIONS

Making the world safer,
healthier and more productive®



KAYDON FILTRATION
Filtration Group®

Powering Global Energy for Over 80 Years

Since 1943, Kaydon Filtration has safeguarded critical equipment in power generation facilities worldwide. Our innovative fluid conditioning solutions, backed by decades of expertise, ensure optimal performance and longevity of vital machinery. From custom filtration systems to expert consultation, we deliver comprehensive solutions that keep your plant operating efficiently, reliably, and at peak capacity.



- Steam Turbine Oil Conditioning
- Diesel Filtration
- Oil Water Separation

STEAM TURBINE OIL CONDITIONING

TURBO-TOC® TECHNOLOGY

TURBO-TOC® systems employ advanced coalescing technology to efficiently remove water, particulates, and other contaminants from turbine oil. By keeping oil clean and dry, these systems can extend turbine oil life, significantly reduce bearing failures, and minimize forced outages due to equipment malfunction.

Available in a range of models to accommodate reservoirs up to 12,000 gallons, TURBO-TOC® technology removes water twice as fast as competitive technologies. For steam turbine operators, this means enhanced equipment efficiency, reduced maintenance costs, and a reliable solution for maintaining optimal oil condition.





CRITICAL FUEL SYSTEMS

DIESEL FUEL SOLUTIONS

Our diesel filtration skids are critical for maintaining the integrity of fuel used in backup generators. These advanced systems effectively remove solid contaminants, water, and other impurities from diesel fuel, safeguarding essential engine components. With their multi-stage filtration process, they ensure that fuel remains clean and dry, significantly reducing the risk of injector failures and unplanned downtime.

Designed to meet diverse operational needs, these systems offer a range of flow rates suitable for various fuel storage capacities. Whether used for continuous bulk fuel conditioning or single-pass polishing during transfer, they provide an economical and versatile solution. By maintaining optimal fuel quality, our diesel filtration skids play a crucial role in enhancing the reliability and longevity of backup power systems, offering peace of mind in critical emergency scenarios.



OIL WATER SEPARATION

MAS SERIES

Our Oil Water Separators play a crucial role in environmental protection and regulatory compliance by efficiently removing free hydrocarbons from contaminated water. These sophisticated systems leverage enhanced gravity separation techniques to ensure superior effluent quality, safeguarding both ecosystems and operational integrity. Their versatile design accommodates both gravity-fed and pumped flows, adapting to diverse industrial settings.

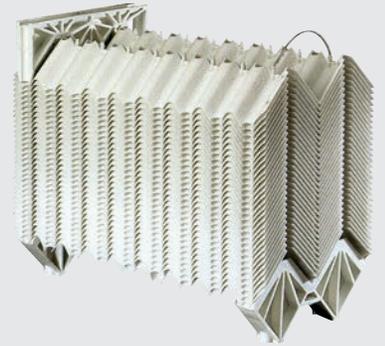
For operations requiring extended capacity, optional storage chambers can be integrated to manage accumulated hydrocarbons effectively.

By providing a robust solution for water treatment, our MAS Series Oil Water Separators not only help facilities meet stringent environmental standards but also contribute to sustainable resource management and responsible industrial practices.



MPAK® COALESCING PLATES

These high-performance plates leverage the principle of specific gravity to efficiently separate oil and solids from water. With precisely engineered spacing, MPak® plates create optimal conditions for both oil coalescence and solids retention, ensuring superior separation results.



The versatility of MPak® plates makes them an ideal solution for a wide range of applications. Whether retrofitting existing systems or designing new installations, these plates adapt seamlessly to diverse operational needs. Their innovative design not only enhances separation efficiency but also simplifies maintenance and extends system lifespan. By incorporating MPak® technology, industries can guarantee higher effluent quality, meet stringent environmental standards, and optimize their water treatment processes with confidence.



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Scan QR Code to connect with our team



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