

Separ Filter SWK-2000 Series

- ▶ **Improves diesel engine reliability**
99.9% Water separation (certified TUV report using SAE J1839) and removes sludge build up
- ▶ **Longer element life**
Filter separates most debris and large particles before reaching the element
- ▶ **Less element replacements**
User can backlush filter up to 5 times before replacing element
- ▶ **Low restriction reduces wear on fuel pumps and ensures full RPMs**
- ▶ **Versions for any application**
Available with clear or metal bowls. Marine version with U.S. Coast Guard-accepted metal heat deflector



Single Filter with Metal Bowl and Water Contacts



Duplex Filters, Marine Version

The Separ Filter

The Separ 2000 Series is a line of fuel filter/water separators designed to accommodate newer and more demanding diesel engines. They are manufactured from high quality, non-corroding aluminum alloy castings, heavy polycarbonate or metal bowls and stainless steel hardware. Fuel systems are protected and engine failure is avoided by the filters' ability to separate harmful particulate and water from diesel fuel.

Fuel filter/water separators feature five stages of filtration and are available with flow rates from 79 to 2,060 GPH for appropriate integration into any size fuel system. The benefits include a small physical size, high flow rate, low restriction, multiple inlet/outlet configurations and long-life filter elements. Backflushable (cleanable) elements reduce down time and costly element changes.

Duplex systems contain two filters. When the primary filter is in need of maintenance, the fuel system can continue to operate by use of the secondary filter. This reduces down time and increases dependability.

See next page for full list of the available options.



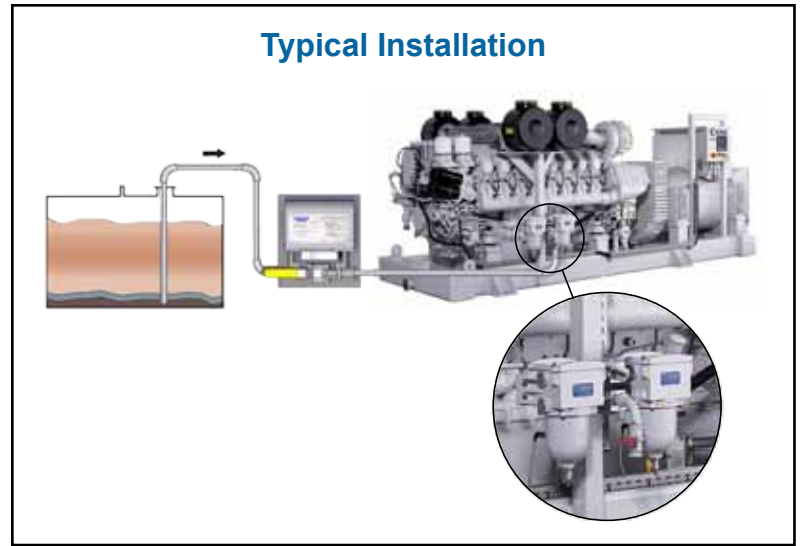
#1 Before Filtration, #2 After Filtration

Applications

- Emergency/standby generators and diesel engines
- Bulk fuel storage on farms and industrial plants
- Reserve storage for vehicle fleets
- Automotive industry - trucks, buses, mobile cranes, etc.
- Construction equipment
- Workboats

Function and Operation

The Separ 2000 filter should be installed on the suction side of the fuel system, between the fuel feed tank and the engine mounted fuel lift pump. The unit can be mounted directly on the engine as well.



During the filtration process, water and larger, heavier particles settle out of the fuel to the bottom of the bowl and can later be removed by opening the drain valve. Filters are available with standard or intrinsically safe water sensors to indicate the need to drain bowl. Fuel then flows through the element to trap smaller particles before exiting the filter and towards the engine. As a result, the element life is prolonged since it is NOT the sole component of filtration. (Filter size must accommodate manufacturer's specified maximum lift pump flow rate and not the burn rate.)

In standard duplex systems, changing filtration from the primary filter to the secondary filter is done by the user turning the handle between them. An automatic switchable duplex will not require manual switch-over.

Model	SWK-2000/5	SWK-2000/5/50	SWK-2000/10	SWK-2000/18	SWK-2000/40	SWK-2000/130
Max. Flow	79 GPH (300 LPH)	79 GPH (300 LPH)	158 GPH (600 LPH)	285 GPH (1,080 LPH)	630 GPH (2,400 LPH)	2,060 GPH (7,800 LPH)
Single or Duplex Filter	•	•	•	•	•	•
Metal Bowl	•	•	•	•	•	•
Clear Bowl	•	•	•	•	•	•
Water Contacts	•	•	•	•	•	•
Potential-Free probe (Metal Bowl only)					•	•
Metal Heat Deflector (Clear Bowl only)	•	•	•	•		
Gauge	•	•	•	•	•	•
Drip Pan	•	•	•	•	•	•
Automatic Switching for Duplex Systems		•	•	•	•	•

Available Options

Separ Filters are certified by:



Version: 8/22/12



Separ of the Americas, LLC

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