



# MODEL FBR-310

## THREE-MACHINES-IN-ONE DESIGN

Patent Pending

### WATER & PARTICULATE FILTRATION SYSTEM FOR OCBs, THREE TANK LTCs AND SINGLE PHASE REGULATORS



**On-line Filtration has been proven to reduce operating and maintenance costs on electrical switchgear equipment.**

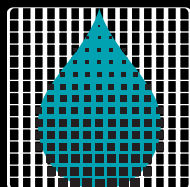


- Extend maintenance and inspection intervals
- Eliminate coking and increase contact life
- Extend fluid life and maintain oil at aerospace cleanliness levels.

## SPECIFICATIONS

- Custom NEMA 3R enclosure 48" W x 20" D x 46" H Powder Baked ANSI 61 Gray with removable top panel and hinged front opening door with Spill Containment Reservoir.
- One (1) HP TEFC Motor with Thermal Overload Protection.
- Three (3) Individual 2 GPM Mechanical Sealed Positive Displacement Pumps manufactured with a Single Direct Drive Shaft With Three (3) External Relief Valves.
- Three (3) Epoxy Powder Baked F-1000 Element Housings.
- Automatic High Pressure (plugged filter) Shutdown System and Low Pressure (loss of flow) Shutdown System with One Common Alarm and Remote Contacts.
- Manual ON/OFF switch for equipment service and element change.
- Wired 110 Volt, 1 PHASE with all electrical components assembled in a separate NEMA 4 Enclosure.
- Equipped with Filmmax's Spill Containment with Oil Spill Shutdown System (Patent No. 5,691,706).
- Internally plumbed with all Brass fittings and 1/2" industrial hydraulic hose.
- Isolation Ball valves for each Individual Element Housing for Filter Change Out.
- Three (3) 0-100 psi Glycerin Filled Guages to Monitor Individual Housing Pressure.
- Three (3) Drain Valves for oil sampling.
- Three (3) 1/2" NPT Inlet and Outlet Bulkhead Fittings for Simple Connections to External Reservoirs.
- Control Circuit complete requiring only power and alarm connections.
- Single Unit Design Manufactured for Filtration of Three (3) Separate Fluid Reservoirs.

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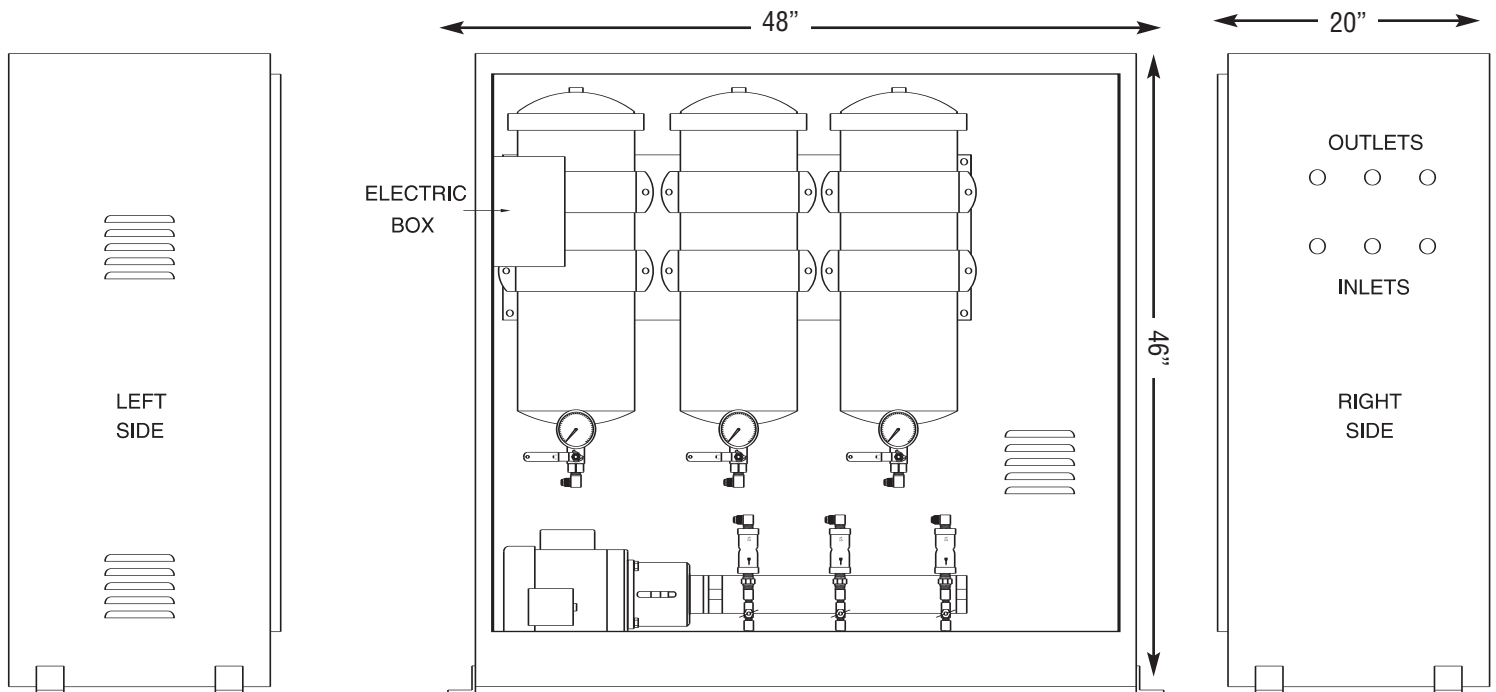


*The*  
**Fluid Life**  
*Corporation*

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## Water & Particulate Filtration System For OCBs, Three Tank LTCs and Single Phase Regulators



Filmax is the industry leader in the application of filtration technology for the removal of water and particulate contamination in insulating oil. Filmax holds the most recent patents for specific advancements in oil filtration technology, which allows the company to manufacture the finest oil filtration equipment in the industry. We at Filmax are committed and dedicated to providing the highest standard of customer service and technical support in the industry.

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