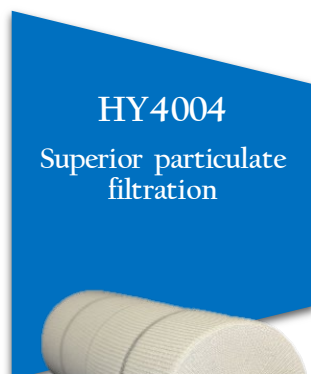


## MODEL FBR310

The Filmox FBR310 online filtration system is designed for use with three tank load tap changers, oil circuit breakers, and single phase regulators.











- Automatic restart system, for voltage drop or power interruptions
- Control circuit requiring only power and alarm connections
- All brass fittings and high pressure hoses with crimped swivel ends
- 1 HP TEFC motor with thermal overload protection
- Three (3) individual 3 GPM mechanically sealed positive displacement pumps with a single direct drive shaft and three (3) individual internal relief valves
- Automatic high and low pressure shutdown system with alarm and remote contacts
- Wired 110 VAC, 1 Phase system with all electrical components in a separate NEMA 4 enclosure, upgradable to 240 VAC as needed
- Spill containment enclosure with oil spill shutdown system
- Three (3) epoxy powder-coated black (inside and out) F-1000 element housings
- 3-way inlet ball valves to add make-up oil and drain filter housings for easy filter changes
- 3 Inline double window sight glasses with float ball for fluid monitoring
- Completely self-contained unit
- Custom NEMA 3R enclosure 48"W x 20"D x 46"H powder-baked ANSI 61 Gray



Filmox filtration systems are proven to reduce operating and maintenance costs and help prevent premature tap changer failure



## Additional Accessories and Upgrades

	<p><b>Moisture Sensor</b>          Detects moisture ppm in insulating oil.</p>		<p>400w thermostatically controlled heater / fan          Ideal for areas where cold and hot temperatures maybe a factor.</p>
	<p><b>Guardian Breathers</b>          Eliminate outside pollutants from entering the LTC breather.</p>		<p>Multi-function timer          Programmable from 1 to 24 hours to accommodate LTC needs.</p>
	<p>The M4500 liquid level float switch has a brass stem and a Buna-N float. This is ideal for high or low level float switch liquid control.</p>		<p>¾" Stainless steel braided hoses          Made of anti-corrosive 12 gauge steel with crimped swivel ends.          25 ft. or cut to order.</p>
	<p><b>Concrete mounting pad</b>          Crucial during severe weather conditions. Also provides a level surface of operation which insures optimum oil flow.</p>	<ul style="list-style-type: none"> <li> Automatic low temperature shut down. Ideal for when average temperatures are below 30 degrees.</li> <li> Direct current voltage alarm with automatic shutdown.</li> <li> Main power 20 amp circuit breaker for power disconnects.</li> <li> Stainless steel enclosure. Perfect for coastal and high corrosive areas. 24" stand can also be ordered in stainless steel.</li> <li> ROD – Run on demand, turns filtration system ON after an LTC operation for desired amount of time. Great for low use or backup LTC's.</li> <li> TMS- Temperature gauges with alarm, analog or digital.</li> </ul>	
	<p><b>240v upgrade</b>          For maximum power savings.          (110v Standard)</p>		

