



Fluid Power Specialist



Service Instructions

TFRE/TFREK

Operating and Maintenance Instructions

A. Mounting

1. Standard mounting
 - a. Cut proper size hole into the top of the reservoir.
 - b. Drill holes for studs within the proper bolt circle.
 - c. Set the filter into the cutout hole and secure with proper size bolts, nuts and lock washers.
2. Mounting procedure using LIT-1250-R (TFR-2 MODEL) weld riser.
 - a. Rough cut proper size hole in the top of reservoir.
 - b. Weld the weld plate concentric to the rough cut hole.
 - c. Mount the filter onto the studs and secure with nuts and lock washers.
3. Utilize appropriate fittings.

B. Start-Up

1. Check for and eliminate leaks upon system start-up.
2. Check differential pressure indicator, if installed, to monitor element condition.

C. Service

1. An element must be serviced when the differential pressure indicator indicates service is required.

NOTE: If the filter is not equipped with a differential pressure indicator, the element should be serviced according to machine manufacturer's instructions.

D. Servicing Dirty Elements

1. Shut system down to assure that there is NO PRESSURE OR FLOW into the filter housing.
2. Remove the filter cover.
3. Remove the filter insert (bridge which holds the element in place).
4. Remove the bypass spring assembly or non-bypass plate from the stud.
5. Remove the contaminated cartridge with a twisting motion.
6. Discard the disposable element cartridge.

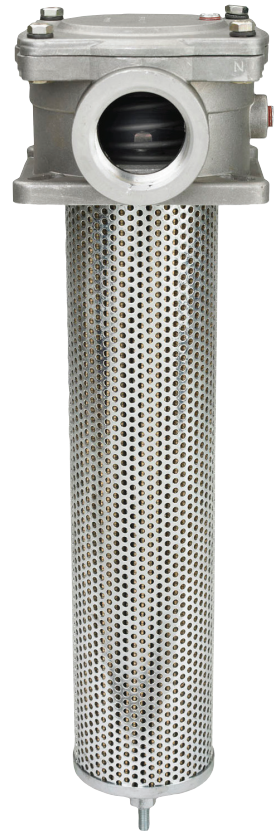
E. Before Installing a New Element Cartridge

1. Clean the magnetic core (if option ordered) with a lint-free cloth.
2. Check all seals and replace if necessary.

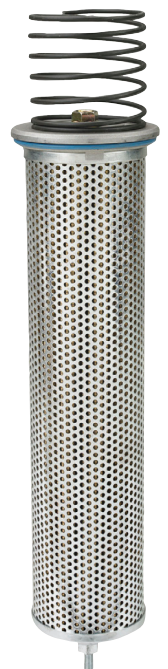
F. To Install a New or Cleaned Element Cartridge

1. Lubricate all seals.
2. Insert new or cleaned LENZ TFRE cartridge.

NOTE: For ease of mounting, hold the cartridge away from the magnetic core until the stud is through the hole in the bottom of the element.
Then slide it up to securely seat it to the top of the bridge.
3. Install the bypass spring assembly or non-bypass plate, and tighten until snug.
4. Re-install the insert into the filter housing, making sure that the top-spring is secure.
5. Re-install the cover. Torque the cover nuts to 35 ft./lbs.
Follow procedures B.1 and B.2.



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