



PERRY EQUIPMENT CORPORATION  
AN ISO 9001 COMPANY

## SERIES 57, 58, & 59 FULL FLOW OIL FILTERS

### GENERAL DATA

PECO Series 57, 58, and 59 filters are designed for full flow filtration. Filters should be installed with by-pass and block valves to permit by-passing the filter during element changes if the line cannot be shut down to allow element changes.

Filters are shipped from the factory complete with initial charge of elements of the proper density for the intended application. REORDER ELEMENTS PER ELEMENT DATA SHEET.

### INSTALLATION INSTRUCTIONS

1. Position the filter so that there is at least 40" of unobstructed space above the filter for element removal.
2. Connect inlet and outlet connections to piping of equal diameter.
3. Open the filter case and inspect it to be sure that all elements are in place and cover gasket is in proper order. Fill filter with liquid to the top of the case, and close the cover. Close and bolt down cover securely.
4. Begin flow of liquid to the filter. Vent air from case through top vent valve. Carefully check unit for leaks. Vent case at periodic intervals during operation to eliminate accumulated air.

### OPERATING INSTRUCTIONS

1. After the filter has reached normal operating temperature, regularly check differential pressure reading. When it reaches 20 psi at normal operating temperatures, the elements are loaded with contaminants and should be changed. Failure to change the elements at this point could cause vessel internal damage.
2. If no noticeable pressure drop occurs in twelve (12) months, the filter should be opened and the elements changed. Some of the products of combustion or other contaminants in the lube oil may have caused element deterioration.

### CHANGING ELEMENTS

1. Stop flow to filter. Bleed off pressure by opening vent valve on top of case.
2. Drain oil to **below** element **lower gasket seat**. **Under no circumstances** are the old elements to be removed until oil reaches **this** level.
3. Remove old elements. Care should be taken that none of the contaminant on the outer surface of the old elements is accidentally dropped into the element center post.
4. Install new elements. **Be sure** elements are seated properly. Replace lid and bolt down evenly.
5. Begin flow of liquid to filter. Vent air from case through top vent valve. Carefully check unit for leaks. Vent case at periodic intervals during operation to eliminate accumulated air.
6. Proceed to operate filter as described in operating instructions.