

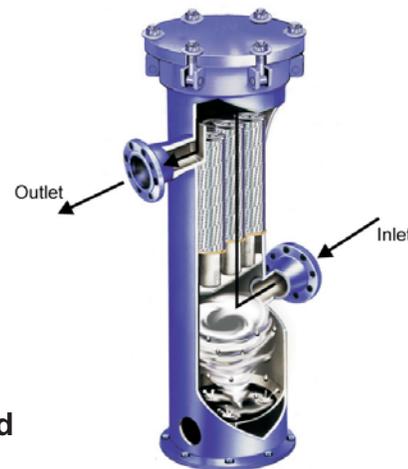


PERRY EQUIPMENT CORPORATION  
AN ISO 9001 COMPANY

## ProComp VKOF

### INSTALLATION INSTRUCTIONS

1. Check the VKOF cut-away picture in order to get acquainted with the flow pattern of gas through the first and second stage. The VKOF series of filters flows from inside the element to outside the element.
2. Connect the VKOF by the usual piping methods. Observe the proper inlet and outlet as marked on illustration and equipment drawings. Pipe all connections on the first and second stages independently. **The Gauge Glass, Liquid Level Controls and Drains should never be manifolded between the first and second stage.** Do not operate without first removing the closure head to make sure the element housing hold-down wing nuts are tight.
3. Pressurize to minimal pressure to inspect for leaks.
4. If no leaks are found, check to be sure that all pressure gauge connections, drain connections, etc., are ready for operation.
5. Put the VKOF on stream by slowly opening the inlet valve until line pressure is reached. Then, slowly open the outlet.
6. Check the pressure drop across the VKOF to determine the initial pressure drop (using either pressure gauges or a manometer). The initial pressure drop will be about one (1) psi or less. Once the elements are fully wetted, the pressure differential will climb to about two (2) psi or less.



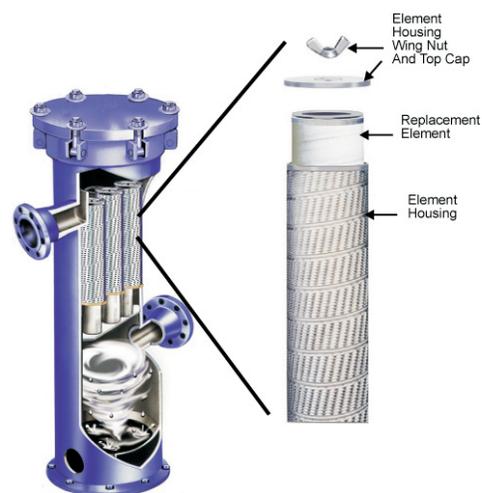
VKOF Flow Pattern

## OPERATING INSTRUCTIONS

1. In normal service, the element change-out should be a scheduled maintenance job. However, if excessive solids are present, change-out will be more frequent.
2. If the VKOF has begun to show a pressure build-up across the second stage of approximately 8 - 10 psi, it is suggested that you take the unit out of service and open the head to inspect the elements.
3. Replace dirty or damaged elements with PECO replacement elements. **To maintain product warranties, use only genuine PECO brand replacement elements. Use of any other replacement element will cause all process warranties to become null and void.**

## CHANGING ELEMENTS

1. When removing the elements, make certain that the bottom element gasket has not been left in the Element Housing Assembly. These gaskets are an integral part of the element and may occasionally stick tight enough to the housing to pull free of the elements when removing them. Also, check the Element Housing Assembly for excess debris. The Element Housing Assembly can be removed (unscrew them) and cleaned. If they are damaged, or there is excess corrosion, order only genuine PECO brand replacements (see warranty warning above).
2. When installing elements, make certain that the Element Housing covers are properly seated after tightening the nuts. This will insure proper sealing of the element and prevent by-pass of gas.
3. After replacing the elements, bring the unit back on-stream per the Installation Instructions steps three (3) thru six (6).
4. To order replacement parts, reference the Model numbers and Serial numbers shown on the VKOF nameplate. You can, also, reference the Internal Parts List Drawing supplied with the unit.



Element Housing Assembly

**IF ANY DIFFICULTIES ARE EXPERIENCED WITH THE PECO VKOF, CONSULT THE FACTORY OR YOUR LOCAL REPRESENTATIVE**