



PERRY EQUIPMENT CORPORATION
AN ISO 9001 COMPANY

SERIES 88

GAS AND LIQUID FILTERS

GENERAL DATA

These instructions apply to PECO Series 88 Gas Filter, whether mounted horizontally or vertically. The Series 88 Gas Filters are designed for dry dirt removal and do not have a second stage liquid stripper. The Series 88FT Liquid Filter is designed to remove solids from a liquid stream.

INSTALLATION INSTRUCTIONS

1. Be sure that the filter is properly sized for the flow and dirt removal conditions. If in doubt on any filter, please contact the factory or your local agent..
2. Connect the filter with the usual piping method observing proper inlet and outlet as marked on the drawings and on the filter nozzles.
3. Check to be sure that all pressure gauge connections, blow-down nozzles, drain connections, etc. are assembled and ready for use. Check to insure that the filter cover lid is securely bolted in place.
4. Per your company procedure, build up pressure on filter and check for leaks.
5. Place filter on stream.

OPERATING INSTRUCTIONS

1. After filter has been in service for a period of time on gas service, open the drain connections to determine if any liquid is being collected in the case. It is advisable to check the drain fittings periodically for liquids.
2. After the filter has begun to show a pressure drop build-up, remove the unit from service, open the closure and check the elements to determine the approximate amount of dirt build-up. If pressure drop is excessive, remove and replace element.
3. As an alternate, elements can be cleaned with an industrial vacuum cleaner, brushing or blowing off the caked dirt.. Replace the elements. Put filter back on stream. Check pressure drop across the unit. If pressure drop is normal, continue until pressure drop builds up again, then repeat the cleaning procedure.
4. Elements need to be changed in the event that blowing, brushing or vacuum cleaning does not reduce pressure drop to normal. A pressure drop should never exceed 35 PSI or the elements may collapse.

CHANGING ELEMENTS

1. Block off the vessel and bleed the pressure off of the vessel per your company's procedures.
2. Open the cover lid. Lift or pull element out.
3. Replace all elements and re-assemble. Close and secure the cover lid.
4. Gaskets should be replaced on cover lid as required. Check filter for model and serial numbers. Order gaskets and elements on this basis.
5. Return the vessel to service per your company's procedures.

IF ANY DIFFICULTIES ARE EXPERIENCED WITH PECO GAS FILTERS, CONSULT THE FACTORY. WHEN ORDERING REPLACEMENT ELEMENTS, ORDER FROM THE ELEMENT NUMBER ON NAME PLATE.

ENGINEERED FILTRATION TECHNOLOGIES