



PERRY EQUIPMENT CORPORATION
AN ISO 9001 COMPANY

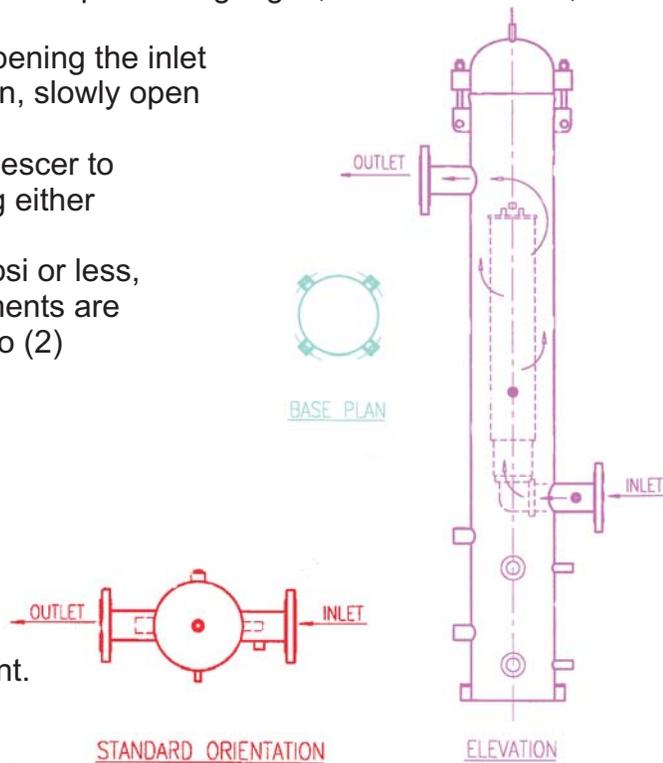
SERIES 89 FUEL GAS COALESCER

INSTALLATION INSTRUCTIONS

1. Check the coalescer cut-away picture in order to get acquainted with the flow pattern of gas through the vessel.
2. Connect the coalescer by the usual piping methods, observing proper inlet and outlet as marked on vessel. Do not operate without first removing the top head to make sure the element hold-down nuts are tight.
3. Build up pressure and check for leaks.
4. If no leaks are found, check to be sure that all pressure gauges, automatic drains, etc. are ready for operation.
5. Put the coalescer on stream by slowly opening the inlet valve until line pressure is reached. Then, slowly open the outlet valve.
6. Check the pressure drop across the coalescer to determine the initial pressure drop (using either pressure gauges or manometer).
7. Initial pressure drop will be low, one (1) psi or less, until the elements are wetted. After elements are wetted, pressure loss will normally be two (2) psi or less.

OPERATING INSTRUCTIONS

1. In normal service, element change-out should be a scheduled maintenance job approximately every two years. However, if excessive solids are present, change-out will be more frequent.
2. If the coalescer has begun to show a differential pressure build-up across the elements of approximately 8 - 10 psi, it is suggested that you take the unit out of service. Open the head and remove the elements to check the approximate amount of dirt, wax, etc. that has collected on the internal surface of the elements.
3. Replace dirty or damaged elements with PECO replacement elements. Do not violently back-flow or shock the coalescer to clean the elements.
4. Check the liquid level regularly to verify operation of automatic drain or if there is no automatic drain, open manual drain in liquid reservoir and drain liquid as required. If the element has collected wax, paraffin, etc. the element should be replaced.



ENGINEERED FILTRATION TECHNOLOGIES

CHANGING ELEMENTS

1. Replace new or cleaned elements in same manner as the element was originally installed
2. When removing the elements, make certain that the bottom element gasket has not been left on the carrier. These gaskets are an integral part of the element, and may occasionally stick tight enough to the seal plate to pull free of the elements when removing them.
3. When installing elements, make certain that the element hold-downs are properly seated after tightening. This will ensure proper sealing of the element and prevents by-pass of gas.
4. After replacing elements, put coalescer back on stream.
5. Order replaceable head gaskets and elements by Series Model and Serial Numbers shown on coalescer nameplate.

IF ANY DIFFICULTIES ARE EXPERIENCED WITH THE PECO COALESCER
CONSULT THE FACTORY OR YOUR LOCAL REPRESENTATIVE