



PERRY EQUIPMENT CORPORATION
AN ISO 9001 COMPANY

SERIES 110 PHASE SEPARATOR

INSTALLATION INSTRUCTIONS

1. Check the Phase Separator drawing to get acquainted with the flow through the unit.
2. Connect the Phase Separator by the usual piping methods, observing proper inlet and outlet as marked on drawings. Liquid Level Controls and Drains should be checked for proper operation.
3. Do not operate without first removing the head to make sure the element hold-down nuts are tight. Vessel is shipped with elements installed, but vibrations from shipping may have loosened connections. Replace head and tighten.
4. Build up pressure on Phase Separator and check for leaks.
5. If no leaks are found, check to be sure that all pressure gauge connections, drain connections, etc. are ready for operation.
6. Put Phase Separator on stream.

OPERATING INSTRUCTIONS

1. Check the pressure drop across the Phase Separator filter elements to determine the initial pressure drop (using either pressure gauges or manometer).
2. After the Phase Separator has been in service for several hours, check gauge glasses to determine how much liquid has collected in the liquid reservoir. This will require daily checking if the unit is not equipped with automatic liquid level controls.
3. After the Phase Separator filter elements have begun to show a pressure build-up of approximately 5 PSI, it is suggested that the unit be taken out of service, the closure opened and the elements replaced.

CHANGING ELEMENTS

1. Drain unit of all fluid.
2. Open the PECO Quick Opening Closure (or swing-bolt or flange)
3. 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 element when removing the element.
4. When installing new elements, make certain that the element hold downs are properly sealed after tightening. This will insure proper sealing of the element and prevents by-pass of liquids.
5. Replace closure and fill unit.
6. This unit is now ready to operate.
7. Order closure gaskets and elements by series, model, and serial numbers as shown on the Phase Separator nameplate.

**IF ANY DIFFICULTIES ARE EXPERIENCED WITH THE PHASE SEPARATOR,
CONSULT YOUR LOCAL REPRESENTATIVE OR THE FACTORY.**

ENGINEERED FILTRATION TECHNOLOGIES