

CS100IBC & CS200IBC oil/water separators

STERLING[®]
separation Ltd

Installation

Choose a flat and level location with adequate access, as a fork truck or similar appliance is needed for installation and servicing. Give consideration to the availability of a convenient sewer drain for discharge of treated condensate

Connect the condensate feeds into one or both of the inlets on the pressure relief chamber.

If the system is of a size that requires more than one separator, feed the incoming stream through the STERLING CSEQ3 manifold/splitter (inset). Use of this device will balance the condensate flow between connected devices ensuring that service intervals are maintained equally.

Connect the separator outlets to the sewer drain ensuring a free flow without restriction in the pipes. Take care that the pipes will not block through freezing in winter

It isn't imperative to pre-fill the separator with water, but if it's convenient to do so there may be a marginal benefit over time



Regular checks

Using the supplied jar, take a weekly sample from the outlet of each separator. Compare it with the opacity indicator strip on the side of the jar. If the condensate's cloudiness is the same as (or more opaque than) the strip, it's time to change the filter medium.

Servicing

Servicing should be undertaken after 16,000 operating hours or when the test sample indicates it is required - whichever is the sooner.

Ensure the separator is off line by shutting isolators, or service when the air system is de-pressurised.

Make sure the valve at the base of the separator (where the outlet pipe connects) is CLOSED.

Disconnect the condensate feed(s) from the pressure relief chamber, and the blue pipe from the separator outlet. Make sure these items are clear of the separator body.

Remove the IBC complete with oily waste. This will need to go for disposal at a local licensed site - along with other oil-contaminated waste from site or as a one-off contract.

Replace the IBC with a new pre-filled unit CSxxxIBCK from your original supplier and re-connect as before

Ensure joints are tight and re-start / re-connect as required

