CSR150/450/1000 oil/water separator

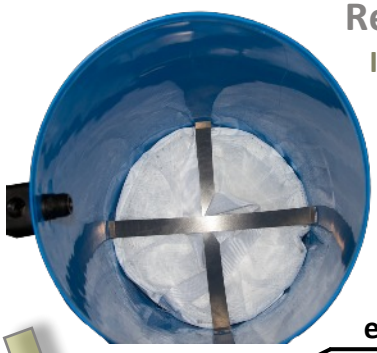
STERLING separation ltd

Installation instructions

Before installing the separator, please ensure your compressed air system and other equipment is safe to work on. Select a firm and level location for you separator where it will be accessible for servicing, frost-free and out of direct sunlight

Check the box contents:

Model	Main body & lid	Felt bag	Netting Bag	Retainer Clips	Tube & elbow	Sample jar	Tail-piece	Porting blanks
CSR150	1	1	1	1	1	1	1	3
CSR450	1	1	1	1	1	1	1	3
CSR1000	1	1	2	2	1	1	1	3



Retainer clips

Insert one clip (CSR150/450) or two (CSR1000) as shown. Clips will bend and grip sidewalls, while gently holding the filter in place without crushing it. **The clips MUST be installed with the formed ends turned DOWN.**

Clip ready to fit — shape as installed

Netting bag(s)

Insert the netting bag (2 bags required for CSR1000) These contain the main filter medium and CSR1000 kits are in 2 parts to reduce lifting effort required to remove them when wet

Felt bag

Insert the felt bag, then connect its inlet tube to the pre-installed manifold block using the black tube and push-fit elbow provided. Make sure the tube is fully inserted as far as possible into each fitting

Inlet

Connect the inlet feed to the pre-installed manifold; use the blanks provided to close any unused ports

Outlet

Use the supplied hose tail or your preferred fitting to connect to the CSR's brass threaded inserts. Two sample points ensure you can test quality whichever way you install your STERLING oil/water separator

Activate T-I-S

Squeeze the 'time-in-service' label firmly against the lid to activate the red dye. Its progress along the index gives a guide to the time (<12 months) since installation or servicing

Always ensure that the condensate outlet pipe-work slopes down to the drain without restrictions. Always discharge to a foul drain or sewer - never to storm drain or ground water.

bcas Member

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Maintenance & service instructions

Before working on the separator, please ensure your compressed air system and other equipment is safe to work on.

Weekly quality test

Remove the sample jar from its location in the lid and half fill it from either of the sample taps near the base

Testing the sample

Hold the jar up to a light source.

If the water in the bottle appears more cloudy than the grey comparator strip, then it's time to change the filter kit

Please note: as with any similar device, this is an indication of progressive deterioration of the filter performance over time and not a definitive measure of oil content

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Changing the filter kit

Remove the lid, then disconnect the black pipes from the filter and inlet manifold

Lift out the upper felt bag slowly.

Remove the steel retainer clip(s) from above main filter

Slowly lift out the main filter allowing it time to drain as you do so (in a CSR1000 this filter is in 2 parts)

Place the old filters in the protective polythene bag provided with the new service kit.

Fitting the new kit is the reverse of removal.

When re-installing the spring retainers, they should apply only gentle pressure to the top of the bag. The formed ends turn DOWNWARD.

Finally make sure the black pipes are inserted fully into fittings at each end

Time-in-service strip

Remove the old T-I-S strip from the card on the lid, and stick the new one in its place. Press it firmly to crush the dye capsule - activating the indicator

Before you go

Check all connections on inlet and outlet, and ensure outlet hose is free flowing.

Please dispose of the used service kit correctly

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