

# CSR 150, 450 & 1000 (inc AG & PG versions) oil/water separators



## Installation instructions

Before you start, please make sure your compressed air system and any 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

**Contents:** (new separators are fully assembled except felt bag inlet connection )

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 clips (CSR1000) as shown. Clips should apply very gentle pressure to keep filter bags in position. **Fit with the angled ends pointing downward.**



### Netting bag(s)

Insert the netting bag containing the main filter medium. 2 netting bags are supplied for CSR1000 as these large kits are split to reduce the lifting effort required to remove them

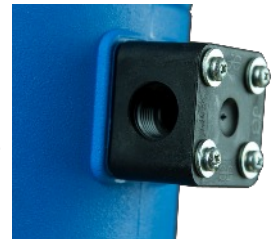
### Felt bag

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 your inlet feed(s) to the pre-installed manifold; use the blanks provided to close any unused ports



### 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



### 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 STELSEP® oil/water separator



Ensure that the condensate outlet pipe slopes down to the sewer drain without restrictions. Never discharge to a storm drain or ground water.

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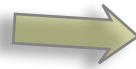
## Maintenance & service instructions

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

## Changing the filter kit

Remove the lid, then disconnect the black tube 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. **Fit with the angled ends pointing downward.**

Finally, make sure the black tubes are inserted fully into their connectors at each end



### Before you go

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

Please dispose of the used service kit in accordance with local regulations



### 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

