

CS75 - 75scfm oil/water separator

patented

STERLING
separation Ltd

Installation instructions

Before starting ensure your compressed air system and other equipment is safe to work on

Check the box contents:

- 1 fully assembled CS75
- 1 wall fixing plate
- 1 stabiliser cup (option)
- 1 time-in-service strip - and this leaflet!



Select a suitable location

Use a wall or other vertical surface to fix wall plate or use the floor or other firm horizontal surface for the cup. Avoid heavy vibration, and ensure that the product will be upright. Screw your chosen fitting firmly in place.

Attach the CS75

Slide the separator down on to the tapered wall plate, or lower it into the (optional) cup.



If using the cup, please ensure that the fins on the rear locate into the two slots in the rim of the cup.

Check lid

With the CS75 located, grasp the lid with both hands and firmly apply downward and clockwise pressure to check the lid is securely fastened.



Connect

There is no need to pre-fill CS75. Using 6mm nylon tube, connect the drain point(s) securely into the inlet push fitting. Clamp the inlet tube to a firm location close to the CS75 to minimise tube whip.

Using 8mm tube connect the outlet. This MUST be fitted so that condensate can drain freely under gravity to a sewer or collection vessel.

Activate 'Time-In-Service'

Squeeze the bubble on the rear of the TIS strip until it flattens. Remove the cover from its adhesive band, locate the outer end in the slot in the recess and firmly press into place as shown. The red line will creep along the window over time.



Check system drains

All oil/water separators are best when when working with zero-loss condensate drains.

This STERLING® CS75 will, however, provide excellent performance paired with timed drains provided they are set up correctly.

Little and often is the key - so set very short open times as low as 0.5 seconds if possible, and short cycles of about 2 minutes

Replace cartridge after a maximum 4000 hours of use, or earlier if required

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Maintenance instructions

Before starting ensure your compressed air system and other equipment is safe to work on

Time-in-service indicator

The TIS gives an indication of the elapsed time (up to 12 months) since the unit was installed or serviced. From the table on the product label the anticipated maximum life of the filter cartridge under given conditions can be read. Care should be taken to review the outlet quality more regularly when the predicted maximum service life approaches, and especially after 12 months even in light duty applications.

Service kit contents - Filter cartridge, foam disc, polybag and Time-In-Service indicator

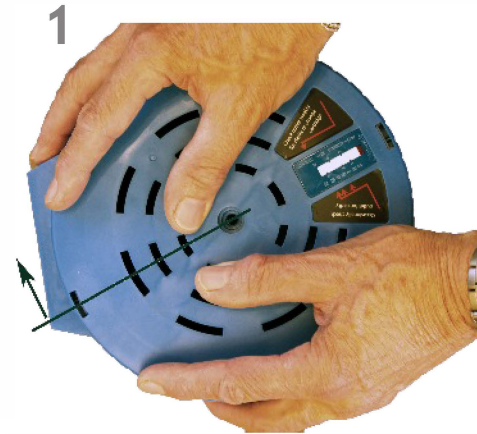
To remove a spent cartridge

Disconnect the condensate inlet

With the CS75i still attached to its wall or floor mount, firmly grip the lid with both hands, rotate it counter-clockwise and set aside.

Slowly lift the cartridge and foam disc from inside the main body, allowing them to drain. Place the cartridge and foam into the heavy duty polybag provided in the replacement service kit and seal it.

NOTE: The used cartridge is oily waste. Dispose of according to local regulations

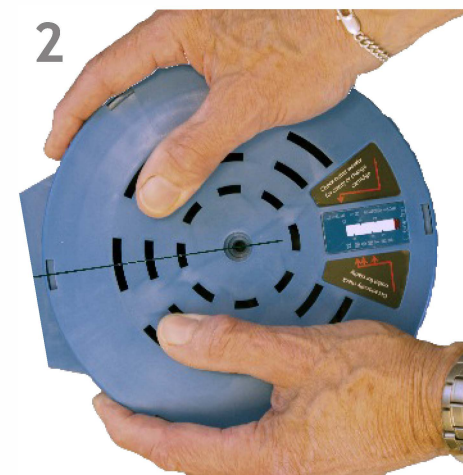
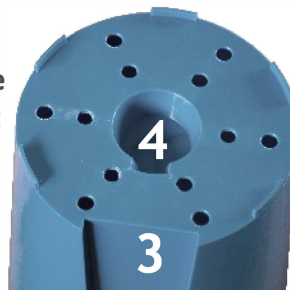


To replace the cartridge

Align the vertical channel (3) in the new cartridge with the outlet fitting in the main body and lower it into place.

Rotate back & forth a little, ensuring the key slot in the base (4) aligns, allowing the cartridge to locate correctly. Fit the new foam disc on top of the cartridge

Place the lid in position shown right (image 1), apply firm downward pressure and turn clockwise until it is aligned exactly as the lower right image (2).



Replace the Time In Service indicator

Re-commission

Re-connect the condensate inlet making sure that the nylon tube is fully inserted into the push fitting.

The unit is now ready for operation. There is no need to pre-fill with water

Replace cartridge after 2000 to 4000 hours of use as required