

# CSO Series 40-1250 CFM

Oil Water Separators



# Industry Leading separation

CSO Series 40-1250 CFM

*CSO oil water separators have been developed to separate lubricant oil from condensate generated in compressed air systems.*

*Environmentally Friendly*

**CSO series 150-1250** are made to suit your larger air compressor since they are bigger in size and built to handle your larger quantities of oil and water.

**CSO series 40-80** are compact in size and can be mounted in a location that is convenient for you.





EPA Friendly

Test Valve Included  
Easy Maintenance  
Sampling Kit Included

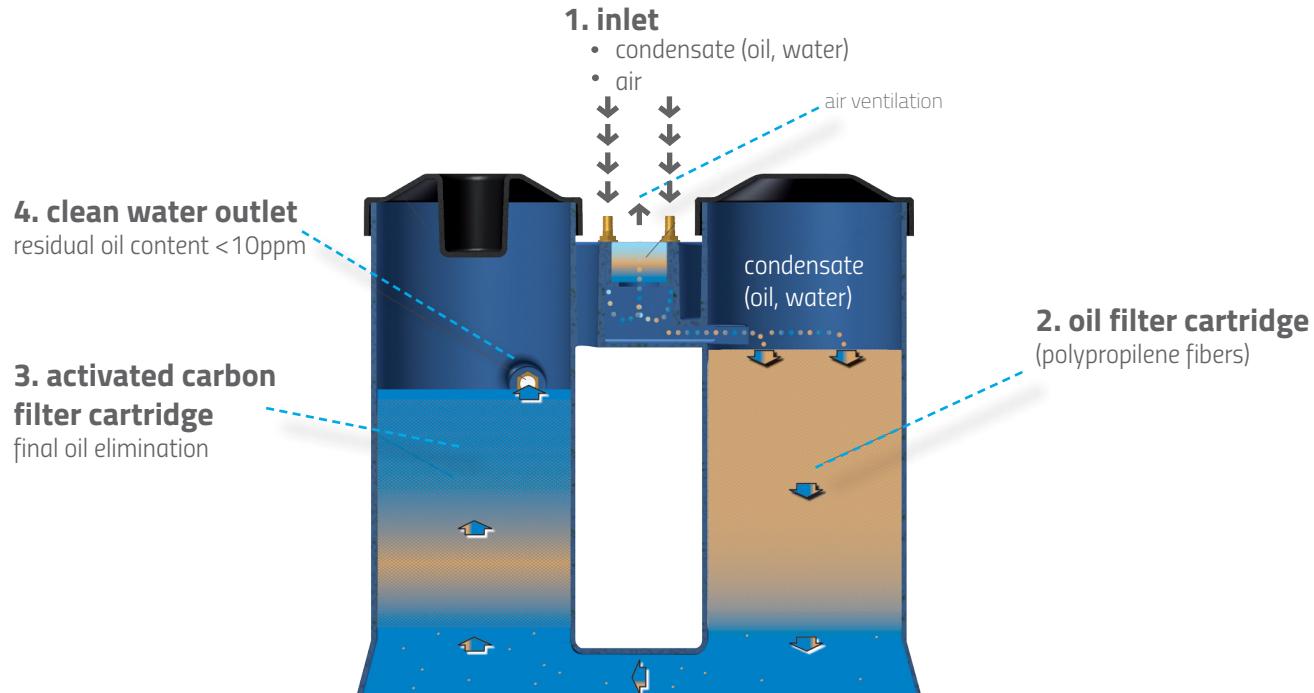
<10 ppm Oil Residue Value  
Simple Installation



Workable With Any Type of Condensate Drain  
Separates any oil type  
compact design

No Required Condensate Settling Tank  
Minimization of Bacteria Buildup

how it works...



Filter Bags are quick, simple and inexpensive to replace.



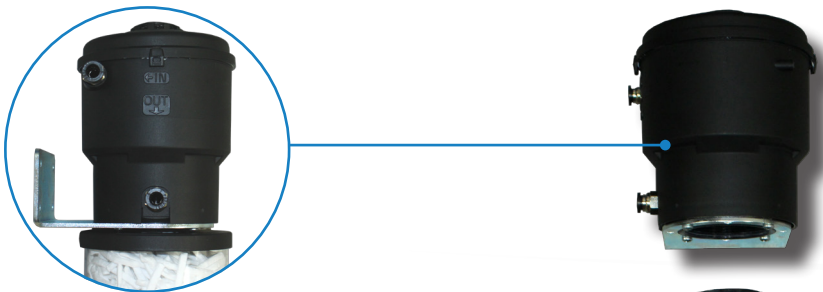
**Test Kit:** An integrated water quality test kit comes complimentary with each of the four largest CSO models in order to help you quickly take samples of your condensate for lab sampling.





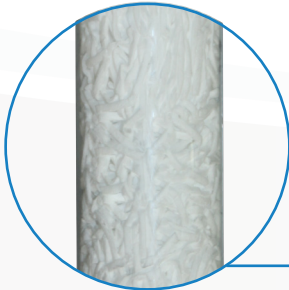
Cyclonic Depressurization Chamber

The push-to-connect inlet and discharge ports allow for simple installation



Stage 1: Absorption

The filter cartridge is filled with a polypropelene absorption material that removes the oil content out of the oil/water mixture.



Stage 2: Final Decontamination

The carbon pellets contained in the bottom of the cartridge do a final purification of the water before discharge to the environment.



CSO 40-80 models have been developed to be a mountable and compact method of oil and condensate separation

Simple but effective Process

- Separation begins in cyclonic depressurization chamber and continues in filter cartridge.

Quick and Easy Service

- Due to patented technology, regular service can be done in 30 seconds without any cleaning

Straightforward Replacement and Disposal

- When the filter cartridge is fully saturated you just simply unscrew the complete cartridge and replace it with a new one.
- All the condensate stays in old cartridge which can also be sealed with plastic cover and disposed according to local directives and laws

	Cold Climate Zone 59 °F 60%RH	Mild Climate Zone 77 °F 60%RH	Hot Climate Zone 104 °F 100%RH	Length	Dimensions (in)	
					Width	Height
CSO-40	Max oil absorption [lbs]	1.63	1.43	0.82	4.2	3.2
	Max FAD [scfm]	43.05	37.8	21.9		
	Max Condensate Flow [GPH]	0.15	0.24	0.51		
CSO-80	Max oil absorption [lbs]	3.4	3.0	1.7	4.2	3.2
	Max FAD [scfm]	88.9	78.05	45.2		
	Max Condensate Flow [GPH]	0.32	0.5	1.1		
CSO-150	Max oil absorption [lbs]	6.4	5.4	2.8	9.6	16.2
	Max FAD [scfm]	170	142	72.3		
	Max Condensate Flow [GPH]	0.61	0.9	1.7		
CSO-300	Max oil absorption [lbs]	13.3	11.2	5.7	13.6	26.8
	Max FAD [scfm]	353	296	150		
	Max Condensate Flow [GPH]	0.51	1.9	3.5		
CSO-725	Max oil absorption [lbs]	32.3	27.1	13.8	14.5	37.1
	Max FAD [scfm]	861	723	366		
	Max Condensate Flow [GPH]	2.6	4.6	8.5		
CSO-1250	Max oil absorption [lbs]	56	47.0	23.8	15.2	44.8
	Max FAD [scfm]	1495	1254	635		
	Max Condensate Flow [GPH]	5.3	7.9	14.7		

### **Mission Statement:**

"Using the experience, technical knowledge, and commercial strengths of our international group to bring optimum solutions for compressed air equipment and accessories to our global market"



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