



GCOS Series Oil / Water Separator

The GCOS has been developed to separate oil out of the condensate from a compressed air system. The GCOS uses a poly-element type filter to remove the oil from the condensate. Different types of poly-elements with proprietary chemicals to treat ATF, Poly-glycol coolants, and silicones are available. A carbon filter to remove any final traces of oil down to 10 PPM then treats the condensate and drains the clean condensate. The filter life is directly related to the amount of oil in the system.



GCOS Advantages

- Effectively removes petroleum, mineral, and synthetic oils.
- No energy required / fully automatic operation.
- Oversized filter elements for long element life.
- Two Separate inlets for multiple drains.
- Will handle thick, sludgy condensate.
- Operational with all models of drains and compressors.
- No stagnant water to cause bacteria build-up.
- No overflow! Minimal maintenance is required.
- Test outlet for easy testing.

MODEL	CAPACITY (CFM)	OIL TYPES	CONNECTION SIZE		DIMENSIONS H x W x D (Inches)	WEIGHT (Empty)	OIL HOLDING CAPACITY *
			INLET	OUTLET			
GCOS-65	65	Mineral Oils	1/2", 3/8", 1/4"	1/2" hose connection	23.64" x 10" x 10"	25 Lbs	1 Gallon
GCOS-125-S	125	Mineral & Synthetics	(2) 1/2"	1/2"	26.2" x 27.5" x 12"	30 Lbs.	6.5 Quarts
GCOS-125-P	125	Polyglycol	(2) 1/2"	1/2"	26.2" x 27.5" x 12"	30 Lbs.	6.5 Quarts
GCOS-300-S	300	Mineral & Synthetics	(2) 1/2"	1/2"	26.2" x 27.5" x 12"	30 Lbs.	6.5 Quarts
GCOS-300-P	300	Polyglycol	(2) 1/2"	1/2"	26.2" x 27.5" x 12"	30 Lbs.	6.5 Quarts
GCOS-750-S	750	Mineral & Synthetics	(2) 1/2"	1/2"	32" x 40" x 13.5"	50 Lbs.	14 Quarts
GCOS-750-P	750	Polyglycol	(2) 1/2"	1/2"	32" x 40" x 13.5"	50 Lbs.	14 Quarts
GCOS-1250-S	1250	Mineral & Synthetics	(4) 1/2"	1/2"	43.5" x 42" x 17"	106 Lbs.	23 Quarts
GCOS-1250-P	1250	Polyglycol	(4) 1/2"	1/2"	43.5" x 42" x 17"	106 Lbs.	23 Quarts
GCOS-1500-S	1500	Mineral & Synthetics	(2) 1/2"	1/2"	34.5" x 75" x 16" **	135 Lbs.	24 Quarts
GCOS-1500-P	1500	Polyglycol	(2) 1/2"	1/2"	34.5" x 75" x 16" **	135 Lbs.	24 Quarts
GCOS-2500-S	2500	Mineral & Synthetics	(4) 1/2"	1/2"	43.5" x 75" x 17" **	195 Lbs	32 Quarts
GCOS-2500-P	2500	Polyglycol	(4) 1/2"	1/2"	43.5" x 75" x 17" **	195 Lbs	32 Quarts

*Approx. capacity of primary element. Charcoal element is not included in the estimate.

** Dimension given for liner installation. The GCOS 1500 & 2500 models utilize a (3) three tower modular design, the third tower can be installed in two different configurations for limited space applications.

Separator Model	Lubricant Type	Qty.	Primary Filter Element	Qty.	Secondary Filter Element
GCOS-65-S	Standard	1	GCOS-CR95011		
GCOS-125-S	Standard	1	GCOS-SR9509	1	GCOS-CR95133
GCOS-125-P	Polyglycol	1	GCOS-PR9509		
GCOS-300-S	Standard	1	GCOS-SR95092	1	GCOS-CR95093
GCOS-300-P	Polyglycol	1	GCOS-PR95095		
GCOS-750-S	Standard	1	GCOS-SR95122	1	GCOS-CR95123
GCOS-750-P	Polyglycol	1	GCOS-PR95125		
GCOS-1250-S	Standard	1	GCOS-SR95102	1	GCOS-CR95103
GCOS-1250-P	Polyglycol	1	GCOS-PR95075		
GCOS-1500-S	Standard	1	GCOS-SR95122	1	GCOS-CR95A02
GCOS-1500-P	Polyglycol	1	GCOS-PR95125		
GCOS-2500-S	Standard	1	GCOS-SR95102	1	GCOS-CR95A01
GCOS-2500-P	Polyglycol	1	GCOS-PR95075		

All GCOS models can accept condensate discharge from intelligent drains, timer drains, float drains, and manual drains. Additional condensate can also be manually added.

Quality replacement carbon bags are available for the following oil/water separators:

- **Ultra Filter®**
- **Motivair™**
- **Hankison®**
- **Zander®**
- **Finite**
- **Domnick Hunter®**
- **Kaeser**
- **Wortman**
- **Beko**

Contact Great Lakes Air Products for current pricing on the above replacement carbon elements. Where a prefilter or multiple elements are required by the manufacturer, they are included with the replacement kit.