



# Oil Water Separators

Quincy QOCS Series

# QOCS Series Oil Water Separators

Maximum Purity, Minimum Maintenance



## ✓ A Separator Designed for Protection

The QOCS utilizes a multi-stage filtration process to reduce oil content to an industry leading 5 ppm at water discharge. Not only do they protect the environment, but with dual service indicators, extended 4,000 hour service intervals, and quick change filter cartridges, they protect your production process and minimize production downtime.



- 1** Fluid enters the diffuser chamber where larger solid particles are filtered out
- 2** Fluid enters the polypropylene filter bag that removes larger oil droplets
- 3** Fluid then sits in the first filter chamber where finer oil droplets float to the top and are then absorbed by the filter bag
- 4** Finally, the fluid then passes through the fine oil organoclay cartridge where oil content is brought down to roughly 5ppm before being discharged



4,000 Hour Filter Life



5 ppm Oil Content



Quick Change Filters

## Technical Specifications

Model	CFM at 100 PSIG	Dimensions					
		Length (in)	Width (in)	Height (in)	Weight (lbs)	Condensate Inlet	Water Outlet
QOCS-25	25	10	6	9	2.6	1/4"	3/8"
QOCS-53	53	10	6	9	3.4	1/4"	3/8"
QOCS-106	106	15	11	17	12.7	2 x 1/2"	1/2"
QOCS-180	180	16	11	20	16.9	2 x 1/2"	1/2"
QOCS-360	360	19	16	23	28.9	2 x 3/4"	3/4"
QOCS-636	636	23	18	28	55.7	2 x 3/4"	3/4"
QOCS-1325	1325	27	22	38	99.4	2 x 3/4"	3/4"
QOCS-2650	2650	38	31	39	189.5	2 x 3/4"	3/4"
QOCS-5300	5300	38	63	39	379.1	4 x 3/4"	2 x 3/4"

\*Mild climates with dryers and filtration

## Correction Factors

Running Hours/Day	Hours	12	14	16	18	20	22	24
	Correction Factor	1.0	0.86	0.75	0.67	0.60	0.55	0.55
Ambient Temperature	°F	60	70	80	90	100	110	
	Correction Factor	1.33	1.17	1.00	0.76	0.50	0.30	
Relative Humidity	%	50	60	70	80	90		
	Correction Factor	1.10	1.00	0.85	0.74	0.66		
Oil Type	Type	Mineral	Semi-synth	Pao/Diester	Triester	Poly-gly-col		
	Correction Factor	1.0	1.0	1.0	1.0	0.5		

