

COALESCER FUEL AND OIL PURIFICATION SYSTEM

OilQuip's systems combine the latest coalescing & micro-glass filter media technology into one system for efficient and cost-effective oil purification. Coalescer Fuel & Oil Purification Systems can quickly remove bulk water and particulate from lubrication, hydraulic, fuel oil, heat transfer and dielectric oils. Coalescing technology enables you to remove bulk free water at extremely fast rates - previously this could only be done by centrifuges. Coalescing technology outperforms centrifuges, are simpler to use, lower cost to maintain and are lower in initial purchase price.

PERFORMANCE

- Remove free & emulsified water down to 150 ppm.
- Remove particulate down to ISO 15/13/10.
- Purify to new oil specifications.
- Flow rates from 4 to 3800 LPM.

RELIABILITY

- Designed to run continuous in an outdoor environment.
- Heavy-duty gear pump & electric motor.
- Virtually no mechanical maintenance.

WATER REMOVAL



Contaminated ISO32 Turbine Oil: 1800ppm water ISO 20/19/17	Filtered Turbine Oil: 148pm water ISO ISO 15/13/10
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SIMPLICITY

- Compact, one button operation for continuous duty.
- No adjustments are needed.



WEIGHT & DIMENSIONS:

40 LPM unit:

470 kg

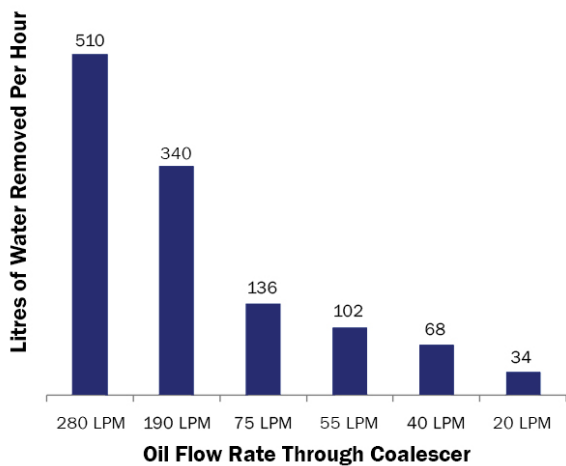
1.0m W X 1.3m D X 1.5m H

75 LPM unit:

710 kg

1.0m W X 1.4m D X 1.7m H

MAXIMUM LITRES OF WATER REMOVED PER HOUR USING OILQUIP'S COALESCER



OPTIONS

- Permanent skid mounting or portable with push-rail and castors.
- A variety of flow rates are available from 1 to 1000 GPM. Typical models range from 10 to 75 GPM.
- Voltages from 120 / 240 volts single phase to 240 / 480 volts three phase.
- Electrical rating either NEMA 4 or NEMA 7 explosion proof.
- Adjustable discharge pressure from 50 to 150 psi.
- Particulate removal element options from 1 to 25 micron with Beta > 200 efficiency rating.
- Buna or viton seals.

System Sizes and Part Numbers:

- 5 GPM P/N: COPS-5-420X-3kW-220-N4-B
Voltage: 220 V / 1 Phase
Standard Particulate Filter 1 Qty: OFS-420X-3B
- 10 GPM: COPS-10-820X-12kW-480-N4-B
Voltage: 480 V / 3 Phase
Standard Particulate Filters 2 Qty: OFS-820X-3B
- 20 GPM: COPS-20-840X-23kW-480-N4-B
Voltage: 480 V / 3 Phase
Standard Particulate Filters 2 Qty.: OFS-840X-3B
- 30 GPM: COPS-30-840X-36kW-480-N4-B
Voltage: 480 V / 3 Phase
Standard Particulate Filters 2 Qty: OFS-840X-3B
- 50 GPM: COPS-50-3/840X/2-44kW-480-N4-B
Voltage: 480 V / 3 Phase

- Standard Particulate Filters – 2 Qty: OFS-840X-3B
- 75 GPM: COPS-50-3/840X/2-72kW-480-N4-B
Voltage: 480 V / 3 Phase
Standard Particulate Filter – 4 Qty: OFS-840X-3B
- 100 GPM: COPS-100-3/840X/2-88kW-480-N4-B
Voltage: 480 V / 3 Phase
Standard Particulate Filters – 6 Qty: OFS-840X-3B

CONTACT US FOR DETAILS ON OUR FLEET – AVAILABLE TO RENT OR PURCHASE



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