

## Coalescer Fuel & Oil Purifier(Oil Filtration System)

### Application:

To effectively and efficiently separate water from light fuel and low viscosity lube oil, we design coalescence oil purifier, it combines the latest innovations in coalescence separation technology and micro-glass filter media in one system to achieve optimal fluid cleanliness. The high efficiency coalescing and separators filter elements are specifically designed to separate oil from water and water from oil quickly, together with oil mist from air. After separation, overall water content can reach 100 PPM. At the same time, the Coalescing Oil Purifier use high efficiency micro-glass filter elements, they are capable of achieving very low particle counts to as low as NAS 6 grade cleanliness level.



### Features

1. The coalescence oil separator elements are normally constructed using a pre-filter stage to protect the coalesce filters.
2. Rapidly removing large amount free & emulsified water from oil and as low as 100 PPM.
3. Removing particles down to NAS 6 grade cleanness level
4. Designed for use on turbine lube oil, hydraulic oil, diesel fuel, heat transfer oil, dielectric oil etc.
5. Cart type, light weight, simple and reliable operation, low maintenance cost.



### Technical specification

Model	CSF-10	CSF-20	CSF-30	CSF-50	CSF-100	CSF-150	CSF-200	CSF-300
Capacity(L/min)	10	20	30	50	100	150	200	300
Working pressure	≤ 0.4 Mpa							
Filtering precision	≤1 micron							
Water content	≤100 ppm							
Cleanness level	NAS 6 grade							
Continuous work	≥200 hr							
No failure running	≥5000 hr							
Power supply	380V, 50HZ, 3PH ( or Customized )							
Working noise	65 dB							
Total power (kw)	1	1	1	2	2.5	3	4	5
Inlet/outlet(mm)	32	32	32	32	44	50	58	65
Weight (kg)	300	350	400	450	520	760	900	980
Dimension (mm)	L	1200	1300	1400	1500	1600	1650	1750
	W	750	800	900	950	1000	1050	1200
	H	1400	1500	1550	1600	1650	1700	1850