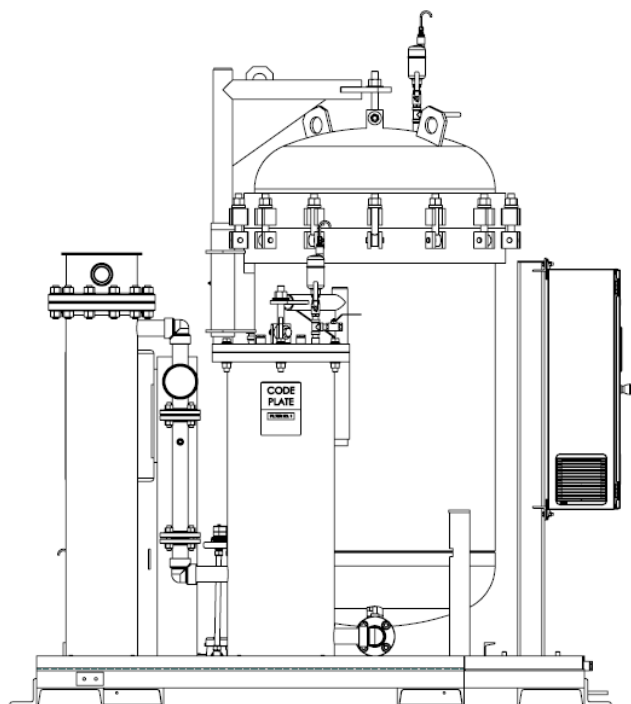


TURBO-TOC®

Turbine Oil Conditioning Systems

KL SERIES



The Turbo-TOC® KL Series is engineered for continuous, high-flow oil conditioning in large turbine lube oil reservoirs, supporting volumes up to 24,000 gallons. With multi-stage coalescing technology, particulate control, and water removal, KL systems are optimized for permanent installation in steam turbine-driven power facilities where uptime, oil cleanliness, and system reliability are critical.

Elements		KL10S2	KL30S2	KL60S2	KL100S2
Prefilter	PN	K1100	K1100	K1100	K1100
	Qty	1	1	1	3
Coalescer	PN	K2100	K2100	K2100	K2100
	Qty	2	5	8	10
Separator	PN	K3100	K3100	K3100	K3100
	Qty	1	3	4	9

		KL10S2	KL30S2	KL60S2	KL100S2
Flow Rate	gpm	10	10 - 30	20 - 60	20 - 100
	lpm	38	30 - 113	76 - 227	76 - 378
Reservoir Size	gallons	1801 - 2400	4801 - 7200	7201 - 14400	14401 - 24000
	liters	6801 - 9080	18201 - 27260	27261 - 54510	54511 - 90850
Performance	ISO Cleanliness: 15/13/11 Total water: < 100 ppm				
Fluid Compatibility	Mineral-based Turbine Oil				
Maximum Viscosity	ISO 68				
Design Pressure	150 psi / 10.3 Bar				
Approximate Dimensions (in)		48 L x 46 W x 82 H	55 L x 54 W x 94 H	69 L x 65 W x 92 H	91 L x 88 W x 102 H
Approximate Weight (lbs.)	Dry	1700	2750	4600	5040
	Full	2050	3500	6000	7016
Materials of Construction	Carbon Steel, Bronze, Stainless Steel, Buna-N				
Coating	Exterior: C4 Classification Paint (ISO 12944) Interior: Epoxy				
Vessel Design	ASME Sec. VIII, Div. I				
Inlet Connection		1 ½" RF Flange	2" RF Flange	2" RF Flange	3" RF Flange
Outlet Connection		1 ½" RF Flange	1 ½" RF Flange	1 ½" RF Flange	2" RF Flange
Water Drain	Automatic				
Water Level Detection	Visual Sight Glass				
Voltage	460 VAC / 60 Hz / 3 PH				
Pump Motor Rating		1.5 HP / 1.1 KW	5 HP / 3.7 KW	7.5 HP / 5.6 KW	15 HP / 11.2 KW
Oil Heater Rating		7.5 KW	22.5 KW	45 KW	75 KW
Controls	NEMA 4 Control Panel with PLC and Touch Screen Interface				



KAYDON FILTRATION
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kaydonfiltration@filtrationgroup.com
www.kaydonfiltration.com