

High-Efficiency Oil Conditioning for Reliable Turbine Performance

The TURBO-TOC™ KLP Series provides the same fluid cleanliness performance as the KL line in a compact, mobile platform designed for systems up to 1,800 gallons. Ideal for service teams or facilities with multiple smaller reservoirs, KLP units deliver ISO-compliant particulate and water removal with field flexibility, making them a strategic solution for planned maintenance, commissioning, or rotating equipment support.



Specifications

Performance	ISO Cleanliness 15/13/11 Total water: <100 ppm
Fluid Compatibility	Mineral-based Turbine Oil
Maximum Viscosity	ISO 68
Materials of Construction	Carbon Steel, Bronze, Stainless Steel, Buna-N
Coating	Exterior: C4 Classification Paint (ISO 12944) Interior: Epoxy
Water Level Detection	Visual Sight Glass
Controls	NEMA 4 Control Panel with PLC and Touch Screen Interface

	KLP-3	KLP-5	KLP-20
Flow Rate	3 gpm (11 lpm)	6 gpm (23 lpm)	20 gpm (76 lpm)
Reservoir Size	≤ 720 gallons (≤ 2725 liters)	721 - 1800 gallons (2726 - 6800 liters)	2401 - 4800 gallons (9081 - 18200 liters)
Design Pressure	100 psi (6.9 Bar)	100 psi (6.9 Bar)	150 psi (10.3 Bar)
Approximate Dimensions (LxWxH)	38" x 26" x 44" (965 x 660 x 1118 mm)	48" x 30" x 44" (1219 x 762 x 1118 mm)	71" x 44" x 87" (1803 x 1118 x 2210 mm)
Approximate Dry Weight	400 lbs (181 kg)	500 lbs (227 kg)	2050 lbs (930 kg)
Approximate Full Weight	500 lbs (227 kg)	600 lbs (272 kg)	2550 lbs (1157 kg)
Vessel Design	ASME Sec. VIII, Div. I (Non-Stamped)	ASME Sec. VIII, Div. I (Non-Stamped)	ASME Sec. VIII, Div. I (U-Stamped)
Inlet Connection	¾" NPT	¾" NPT	2" (DN 50) RF Flange
Outlet Connection	½" NPT	½" NPT	1 ½" (DN 40) RF Flange
Water Drain	Manual	Automatic	Automatic
Voltage	120 VAC / 60 Hz / 1 PH	460 VAC / 60 Hz / 3 PH	460 VAC / 60 Hz / 3 PH
Pump Motor Rating	0.5 HP / 0.37 kW	0.75 HP / 0.56 kW	3 HP / 2.2 kW
Oil Heater Rating	N/A	2.5 kW	15 kW

Elements		KLP-3	KLP-5	KLP-20
Prefilter	PN	KMP9600AKF8B	KMP9600AKF8B	K1100
	Qty	1	1	1
Coalescer	PN	C220270	C220270	K2100
	Qty	2	2	2
Separator	PN	C220271	C220271	K3100
	Qty	1	1	1

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