

KL1

Data Sheet & Order Code

Order Code

0 = 120 VAC/60 Hz/1 PH
 1 = 460 VAC/60 Hz/3 PH (optional)

0 = general purpose motor – NEMA 12
 1 = washdown motor – NEMA 4 (optional)
 2 = explosion proof motor – NEMA 7 (optional)

0 = manual water drain
 1 = automatic & manual water drain (optional)

0 = sump heater not included
 1 = sump heater (optional)

NOTE: Automatic Water Drain not available with Explosion Proof option.

Order Code Example: KL1

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Outline Drawing,
 Flow Schematic, and
 Wiring Diagram
 available upon request.

Skid Size / Weight	21" L x 19" W x 38" H (533 mm x 482 mm x 965 mm) 125 pounds (57 kg) – dry
Materials of Construction	Aluminum and Carbon Steel
Inlet / Outlet Connection	1/2" (12.7 mm) – NPT
Strainer Mesh	30 mesh (595 micron)
Motor	.25 hp (.19 kw) / 1725 rpm / TEFC
Pump	1 gpm (3.8 lpm) Positive Displacement – Gear (relief set at 45 psig (3.2 kg/cm ²))
Sample Port	Oil sampling port valve: used to take oil samples for oil quality analysis
Clean-Out Element	K400 (quantity = 1) – 5 micron (rating = 99.9%) – per ISO 16889
Coalescer & Separator Element	K500 (quantity = 1) – water removal
Controls	Integral NEMA 12 Toggle ON / OFF Switch
Filter Vessel	Cast Aluminum with Automatic Air Release Valve
Operating Voltage/ Amp Draw	(120 VAC / 60 Hz / 1 PH) / 4 full load amps
System Gauges & Indicators	Element Differential Pressures Gauge / Pump Vacuum Gauge Totalizing Water Meter
Performance	Particulate – ISO 16/14/11 and Water Removal to 100 ppm or less

OPTIONS	Motor Voltage	Operating Voltage: 460 VAC / 60 Hz / 3 PH
	Washdown Motor	Applications where motor is regularly exposed to water wash downs. (TEFC, NEMA 4 – moisture resistant)
	Explosion-Proof Motor	Can withstand pressures resulting from an internal explosion and contain the explosion so that the enclosure will not be ignited. (TEFC, NEMA 7, Class I, Division II, Groups C & D)
	Automatic Water Drain	Float switch with solenoid valve with totalizing water meter dumps the water automatically, eliminating operators from manually dumping the water. Useful in high water ingress situations.
	Sump Heater	Used to keep water from freezing that has been removed from the oil and has collected in KL1 sump. Useful in cold or outdoor installations where temperatures may be at 32°F (0°C) or below.



Kaydon Custom Filtration Corporation

