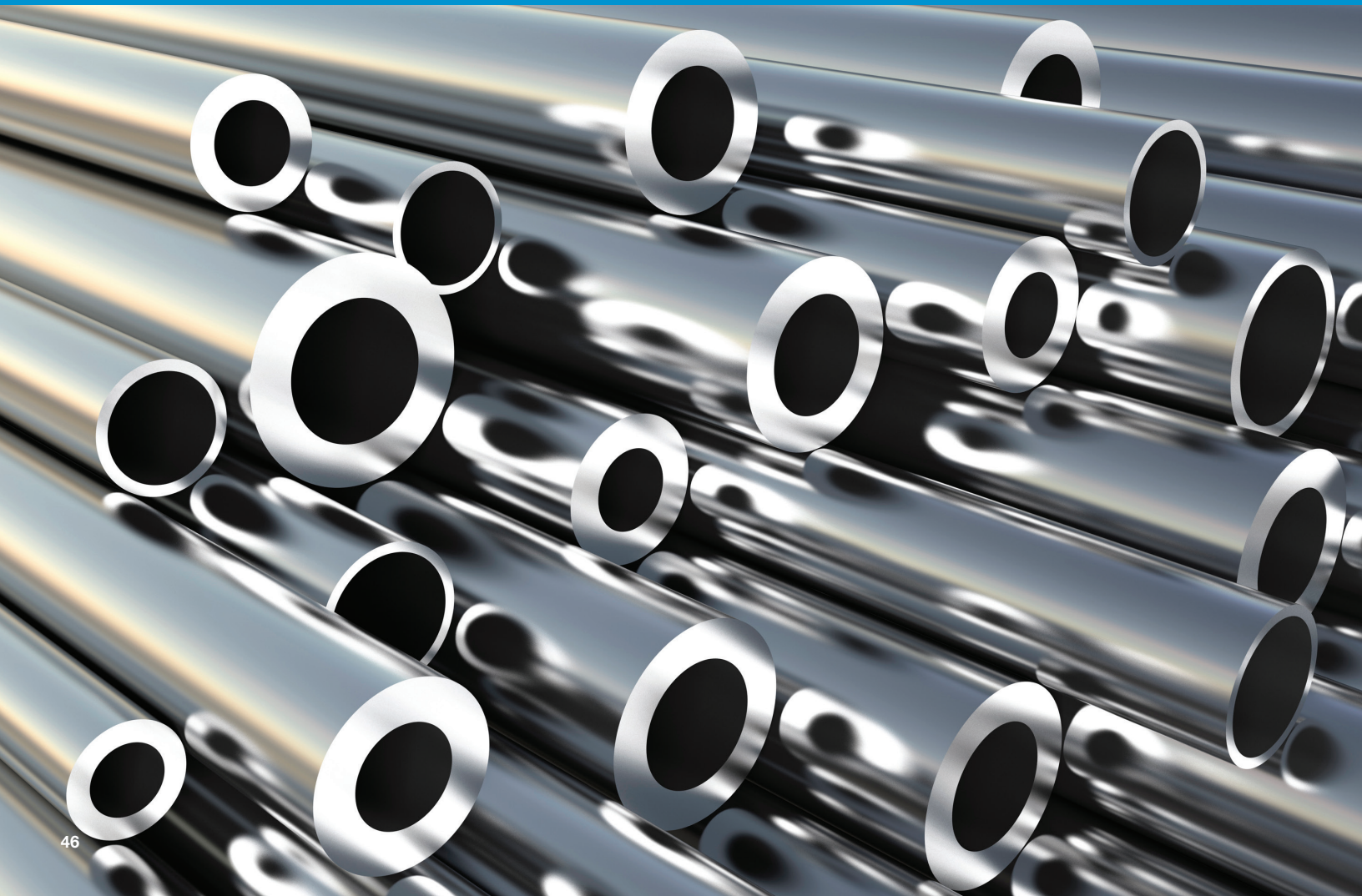


# PORTABLE CART SYSTEMS

Kaydon offers a number of portable systems for turbine oil conditioning and hydraulic oil filtration.

The portable KLP and KP oil filtration systems are rugged, heavy-duty industrial oil filtration systems that provide an easy solution for off-line oil filtration service for contained oil in a lube or hydraulic oil reservoir.

The KLP, KP600 Series, KP-2AL Series, and KHF-FC Series of portable purification carts offer simple filtration solutions for servicing of multiple oil reservoirs.



## KP-2-2AL and KP-5-2AL Series Portable Oil Filtration Carts

The KP-2-2AL and KP-5-2AL oil filtration systems from Filtration Group's Kaydon Filtration provide versatility in oil filtration in a rugged, compact, portable and lightweight cart design. The design of the KP-2-2AL or KP-5-2AL provides equipment protection from contaminated oil to any oil reservoir up to 500 gallons/1,900 liters that needs cleaning by easily moving it to the specific oil reservoir. Kaydon Filtration KAYMAX® technology elements are offered for particulate removal, and if water removal is desired, the KQD KAYDRI® water absorbing element is available.

The KP-2-2AL and KP-5-2AL oil filtration systems maximize uptime and extend component life by supporting long-term equipment operation and significantly reducing the probability of oil related failures or unscheduled maintenance due to contaminated oil. The KP-2-2AL and KP-5-2AL help protect components, increase oil life, reduce mechanical failures, equipment unavailability, and maintenance costs due to contaminated oil.

The KP-2-2AL and KP-5-2AL carts are available as an explosion proof system, as well as in a variety of voltage options.

### Applications

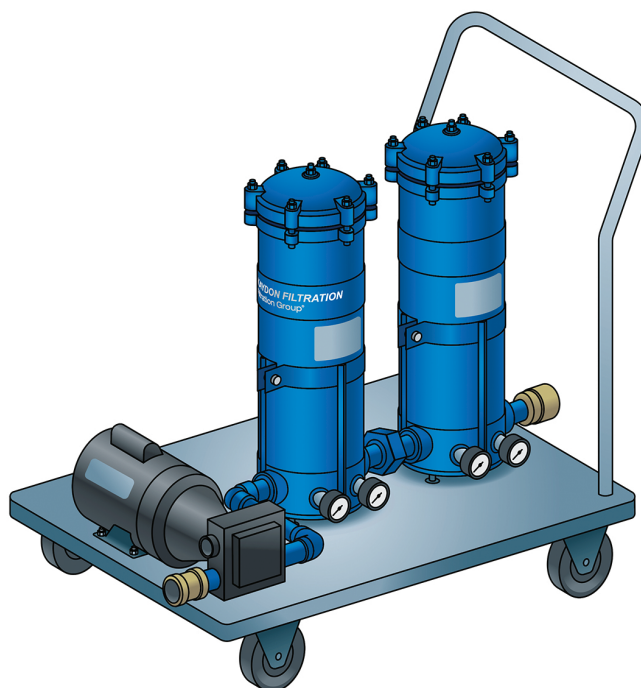
Offline Oil Filtration  
Gear Oil Reservoirs  
Hydraulic Oil

### Features

Two-Stage Filtration  
NEMA 4 Environmental Rating

### Benefits

Series filtration increases oil cleanliness and reduces oil disposal costs  
Moisture-proof and dust-proof to protect components and





## Specifications and Details

Flow Rate Range Maximum Flow	Part #	gpm		lpm
	KP-2-2AL KP-5-2AL	2 5		8 19
Environmental Parameters	NEMA 4 / IP54 Minimum Ambient (outside) Temperature: 32° F / 0° C Maximum Ambient (outside) Temperature: 104° F / 40° C			
Operating Voltage	Part #	Standard		
	KP-2-2AL KP-5-2AL	120 VAC / 1 PH / 60 HZ / 7.6 amps 120 VAC / 1 PH / 60 HZ / 9.8 amps		
Pump/Motor Assembly	Part #	Positive Displacement (gear)		
	KP-2-2AL KP-5-2AL	.33 HP .50 HP		
Materials of Construction	Metals: Aluminum, Bronze, Stainless Steel Elastomers: Buna-N Paint: Epoxy			
Pressure Vessels	Aluminum			
Inlet/Outlet Connection	Part #	Inlet (male)		Outlet (female)
	KP-2-2AL KP-5-2AL	1 inch NPT 1 inch NPT		1 inch NPT 1 inch NPT
Maximum Operating Pressure	100 PSIG / 7 kg/cm²			
Operating Temperature Range	32° F - 104° F / 0° C - 40° C			
Fluid Compatibility	Mineral Based Oils (maximum viscosity = ISO 220)			
Performance	Less than 18/16/13' ISO Cleanliness Code Note: Both vessels are pre-installed with an 11 micron filter element			
Weight (approximate)	125 lbs / 57 kgs			
Dimensions	36"L x 24"W x 41"H / 915mm L x 610mm W x 1050mm H			

1. As measured with in-line automatic particle monitor calibrated to ISO 11171 and influent no greater than ISO 22/19/17.  
 All design specifications are subject to change without notice.

