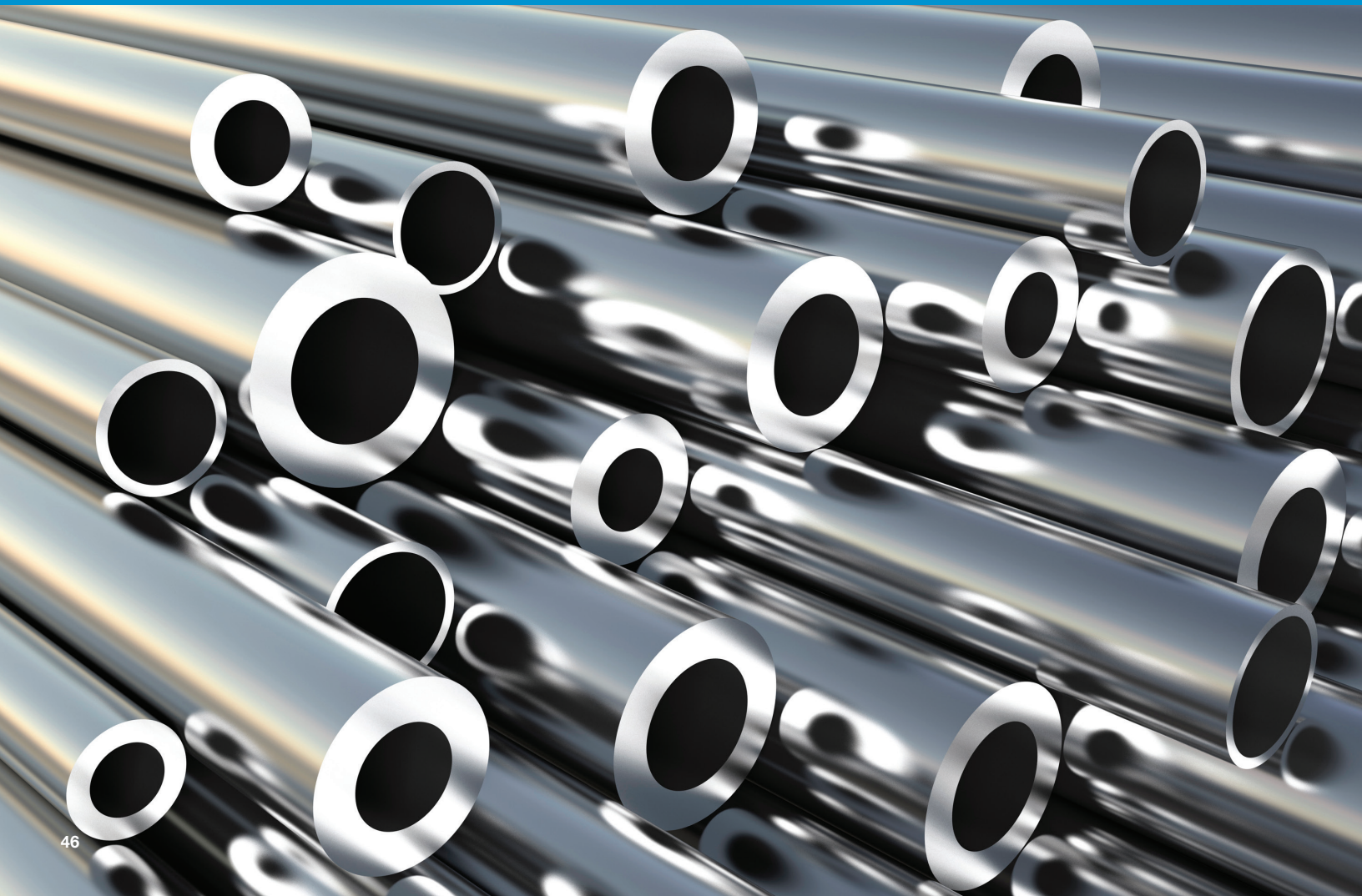


# PORTABLE CART SYSTEMS

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.



## KHF-FC-3, 5, and 10 Portable Oil Filtration Carts

For use in smaller capacity batch oil filtration processing of turbine oil, hydraulic oil, and gear oil reservoirs, Filtration Group's Kaydon KHF-FC series is an alternative portable filter cart for oil reservoirs ranging from 50 to 300 gallons capacity. The KHF-FC series of portable oil filtration carts are designed to reduce system wear due to contaminated oil, reduce oil disposal costs, improve equipment reliability by reducing oil contamination and extend oil life. When the KHF-FC series are used at regular intervals oil cleanliness levels are maintained.

The ergonomically balanced, two-wheeled portable cart is easily maneuvered and positioned in and out of place by the pull handle. The KHF-FC series is designed to be user friendly with a simple ON/OFF operation switch and color coded gauges for determining remaining filter element life. Weighing approximately 150 pounds, each cart is equipped with two spin-on Kaydon Filtration elements, mounted in series flow and connected to a ten foot clear braided suction hose and ten foot clear braided discharge hose. The KHF-FC carts measure 24" L x 24" W x 48" H allowing for convenient storage when not in use.

The KHF-FC series can be custom configured with 1, 3, 6, 12, or 25 micron elements rated to Beta=200 as well as water absorptive elements.

### Applications

Turbine Oil  
Hydraulic Oil  
Gear Oil Reservoirs

### Features

Oil drip catch basin

Two-stage series filtration

10-foot retractable power cord with 120 VAC plug

### Benefits

Prevents a messy oil clean-up by catching oil spillage during element change-out

Provides cleaner oil with high efficiency two-stage filtration

Easily maneuvered and positioned for use with multiple oil



## Specifications and Details

Flow Rate Range Maximum Flow	Part #	gpm	lpm
	KHF-FC-3	3	11
	KHF-FC-5	5	19
	KHF-FC-10	10	36
Environmental Parameters	Minimum Ambient (outside) Temperature: 32° F / 0° C Maximum Ambient (outside) Temperature: 113° F / 45° C		
Operating Voltage	120V / 1PH / 60 HZ / 14 amp		
Materials of Construction	Metals: Aluminum Elastomers: Buna-N Exterior Coating: Epoxy		
Inlet/Outlet Connection	Part #	Inlet	Outlet
	KHF-FC-3	1 inch NPTM	3/4 inch NPTM
	KHF-FC-5	1 inch NPTM	3/4 inch NPTM
	KHF-FC-10	1.5 inch NPTM	1 inch NPTM
Maximum Operating Pressure	50 PSIG		
Operating Temperature Range	32° F - 104° F / 0° C - 40° C		
Fluid Compatibility	Part #	Mineral Based Oils	
	KHF-FC-3	≤ ISO 460	
	KHF-FC-5	≤ 220 SSU (ISO 46)	
	KHF-FC-10	≤ 220 SSU (ISO 46)	
Weight (approximate)	150 lbs. / 68 kgs.		
Dimensions	24" L x 24" W x 48" H / 610mm L x 610mm W x 1220mm H		

All design specifications are subject to change without notice.

