KAYDON FILTRATION
Filtration Group®

PRODUCT CATALOG

Making the world safer, healthier and more productive®

KAYDON FILTRATION
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KAYDON FILTRATION
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With over 80 years of experience, Kaydon Filtration is a trusted global leader in delivering high-quality filtration solutions. We specialize in protecting mission-critical fluids, safeguarding the integrity of vital processes across diverse sectors.

Guided by a commitment to quality, reliability, and customer satisfaction, we provide innovative solutions tailored to meet unique industry needs. Our mission is to help you reduce downtime, extend equipment life, and meet environmental goals through reliable and efficient filtration.

Our products are engineered to deliver superior performance, durability, and compliance with the most stringent industry standards, ensuring operational excellence and long-term value for our clients. We prioritize exceptional service, lead times, and a customer-focused approach that promotes collaboration and drives results. This enables us to exceed expectations at every stage.

At Kaydon Filtration, we don't just provide filtration systems—we build lasting partnerships. With our expertise and unwavering reliability, we deliver solutions our clients can trust, helping to make the world safer, healthier, and more productive®.

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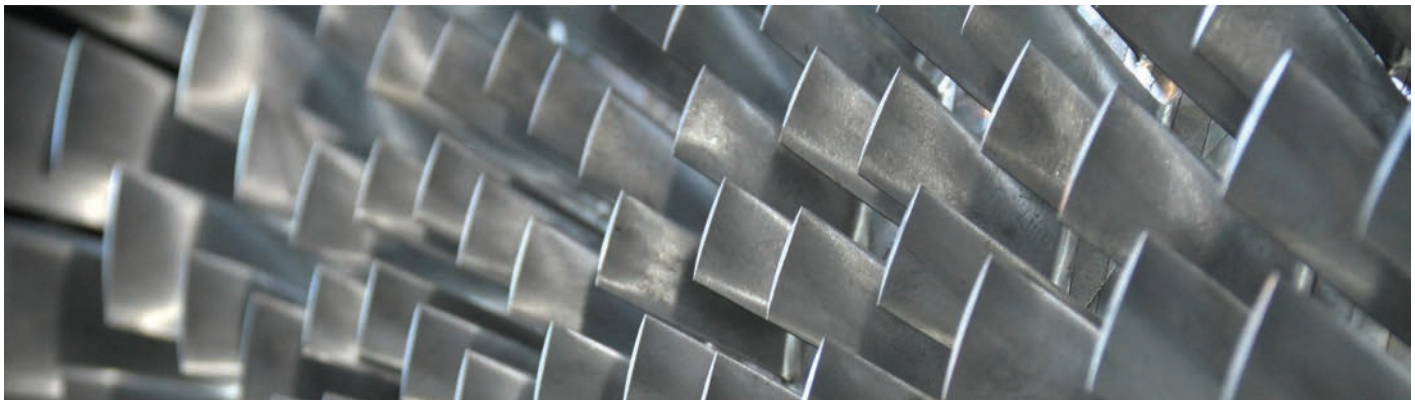

Steam Turbine Oil Conditioning

Since 1943, Kaydon Filtration has been the industry leader in steam turbine oil conditioning, setting the benchmark for reliability and performance across mission-critical applications.

Our proven systems deliver exceptional oil cleanliness, extend turbine life, and minimize costly downtime—trusted worldwide for over eight decades to protect the most valuable turbine assets.

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TURBO-TOC®
Turbine Oil Conditioning Systems

The most efficient conditioning system in the market for water removal, TURBO-TOC® removes 100% of damaging water from turbine oil and reduces Total Water Content to 100 ppm (0 ppm free, 0 ppm emulsified, 100 ppm dissolved).

Engineered for high-efficiency fluid conditioning

TURBO-TOC® systems deliver 99% removal of free and emulsified water in a single pass, reducing total water content to below 100 ppm. Designed for continuous-duty operation, units provide variable flow rates—up to 125 gpm—enabling multiple reservoir turnovers per day depending on system size and oil temperature. This high-frequency circulation supports rapid decontamination, especially after seal failures or water ingress events. TURBO-TOC® units consistently achieve ISO 15/13/11 cleanliness levels and restore turbine oil to “clear and bright” condition, minimizing the risk of varnish formation, bearing wear, and unplanned outages.

The Ultimate Plug-and-Play Solution: Easy to Use, Easy to Maintain, Ready to Perform

The Kaydon TURBO-TOC® system stands out for both its exceptional performance and user-friendly design. Delivered as a pre-engineered, ready-to-use solution, it requires no customer adjustments—simply install and operate.
All KL10, KL30, KL60, and KL100 TURBO-TOC® units feature advanced control panels equipped with PLC controllers, allowing seamless integration with existing monitoring systems and enabling remote operation. Minimal training is needed, making operation intuitive and maintenance straightforward.
With its easy-to-use, low-maintenance design, the Kaydon TURBO-TOC® system delivers more than just filtration—it ensures optimal oil cleanliness and reliable protection for your critical machinery.

LONGER TURBINE LIFE

TURBO-TOC® continuously removes harmful contaminates, keeping your oil system flushed and increasing reliability.

REDUCED BEARING FAILURE

When both water and particulate are brought down to acceptable levels, bearing failures are eliminated.

FEWER FORCED OUTAGES

A continuous flow filtration system efficiently removes contamination, preventing forced outages.

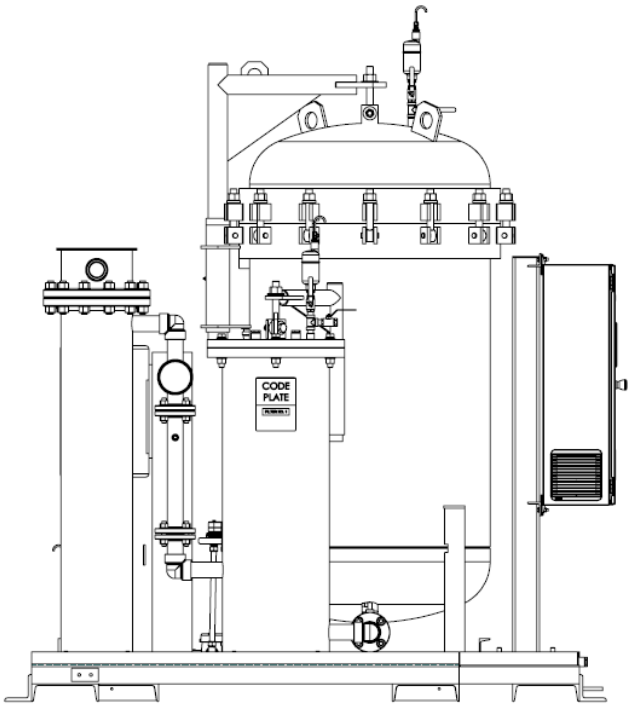
LESS-COSTLY TURBINE REBUILDS

Clean turbine oil increases turbine dependability and helps reduce repair costs directly associated with contaminated oil.

TURBO-TOC®
Turbine Oil Conditioning Systems

KL SERIES
STATIONARY SYSTEMS

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			

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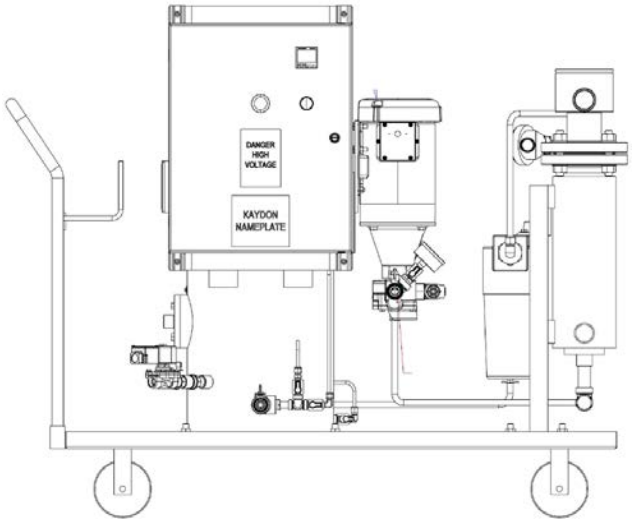
TURBO-TOC®
Turbine Oil Conditioning Systems

KLP SERIES
PORTABLE SYSTEMS

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.



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

		KLP-3	KLP-5	KLP-20
Flow Rate	gpm	3	6	20
	lpm	11	23	76
Reservoir Size	gallons	≤ 720	721 - 1800	2401 - 4800
	liters	≤ 2725	2726 - 6800	9081 - 18200
Performance		ISO Cleanliness: 15/13/11 Total water: < 100 ppm		
Fluid Compatibility		Mineral-based Turbine Oil		
Maximum Viscosity		ISO 68		
Design Pressure		100 psi / 6.9 Bar	100 psi / 6.9 Bar	150 psi / 10.3 Bar
Approximate Dimensions (in)		38 L x 26 W x 44 H	48 L x 30 W x 44 H	71 L x 44 W x 87 H
Approximate Weight (lbs.)	Dry	400	500	2050
	Full	500	600	2550
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 (Non-Stamped)[1]	ASME Sec. VIII, Div. I (Non-Stamped)[1]	ASME Sec. VIII, Div. I (U-Stamped)
Inlet Connection		¾" NPT	¾" NPT	2" RF Flange
Outlet Connection		½" NPT	½" NPT	1 ½" RF Flange
Water Drain		Manual	Automatic	Automatic
Water Level Detection		Visual Sight Glass		
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
Controls		NEMA 4 Control Panel with PLC and Touch Screen Interface		

TURBO-TOC®
Turbine Oil Conditioning Systems

ELEMENTS
STATIONARY SYSTEMS

The Kaydon TURBO-TOC® system is a high-performance turbine oil conditioning platform designed to continuously remove particulate and water contamination from lubricating oil. Utilizing coalescing and particulate filtration technologies, TURBO-TOC® enhances turbine reliability, extends oil life, and supports long-term equipment performance during both operation and shutdown.

TURBO-TOC®
Particulate Elements

TURBO-TOC® particulate filters are engineered to remove fine solid contaminants from turbine oil systems with high efficiency.
These filters support aggressive ISO Cleanliness Code targets and protect sensitive bearing surfaces, enabling extended oil service intervals and reduced unplanned maintenance.

TURBO-TOC®
Coalescer and Separator Elements

The coalescer and separator elements in the TURBO-TOC® system work together to remove free and emulsified water from turbine oil without chemicals or heat. The coalescer aggregates dispersed water into large droplets, while the separator blocks re-entry into the system—keeping oil dry, equipment protected, and startups reliable.

Part Number		K1100	K4100	K2100	K3100
Element Type		Particulate	Particulate	Coalescer	Separator
Performance	ISO Cleanliness				-
	Efficiency	β_x = 1000 @ 4.2µ	β_x = 1000 @ 7.1µ	β_x = 1000 @ 1µ	-
Fluid Compatibility		Mineral-based Turbine Oil			
Maximum Viscosity		ISO 68			
Operating Temperature Range		32 - 200 °F (0 - 93 °C)			
Terminal Pressure Drop		25 psid (1.7 bar)	25 psid (1.7 bar)	15 psid (1.0 bar)	15 psid (1.0 bar)
Nominal Dimensions (D x L)		6 x36 in (152 x 914 mm)	6 x36 in (152 x 914 mm)	6 x 44 in (152 x 1118 mm)	6 x 28 in (152 x 711 mm)
Weight (approx.)		13 lbs (5.89 kg)	13 lbs (5.89 kg)	9 lbs (4.08 kg)	8 lbs (3.63 kg)

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TURBO-TOC®
Turbine Oil Conditioning Systems

ELEMENTS
PORTABLE SYSTEMS

The Kaydon Portable Turbo-TOC® (KLP Series) is a mobile turbine oil conditioning system designed to provide on-demand removal of water and particulate contamination. Ideal for reservoir maintenance and outage support, the KLP unit delivers ISO cleanliness improvements and rapid water separation without interrupting turbine operation.

TURBO-TOC®
Particulate Elements

The portable TURBO-TOC® system utilizes the same proven filter media as fixed TURBO-TOC® units in a more compact footprint. These filters maintain system cleanliness, support reliable turbine performance, and extend oil life during both runtime and maintenance events, all while offering the flexibility of mobile deployment.

TURBO-TOC®
Coalescer and Separator Elements

Kaydon's portable TURBO-TOC® systems use dedicated coalescer and separator elements to remove free and emulsified water from turbine oil with high efficiency. The coalescer captures dispersed water and merges it into larger droplets, while the separator prevents re-entry—delivering dry, clean oil without the need for heat, chemicals, or vacuum systems.

Part Number		KMP9600AKF8V	C220270	C220271
Element Type		Particulate	Coalescer	Separator
Performance	ISO Cleanliness	ISO 15/13/11	ISO 15/13/11	-
	Efficiency	β_x = 1000 @ 4.2µ	β_x = 1000 @ 5.1µ	-
Fluid Compatibility		Mineral-based Turbine Oil		
Maximum Viscosity		ISO 68		
Operating Temperature Range		32 - 200 °F (0 - 93 °C)		
Terminal Pressure Drop		25 psid (1.7 bar)	15 psid (1.0 bar)	15 psid (1.0 bar)
Nominal Dimensions (D x L)		3 x 8 in (76 x 203 mm)	4 x 16 in (102 x 406 mm)	4 x 12 in (102 x 305 mm)
Weight (approx.)		13 lbs (5.89 kg)	3 lbs (1.36 kg)	2 lbs (0.91 kg)

KAYDON FILTRATION
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Critical Fuel Systems

These solutions leverage 80 years of diesel purification experience to deliver contaminate-free fuel to backup generators in mission-critical applications, ensuring the reliability of the world's most advanced diesel engines.

Our advanced systems:

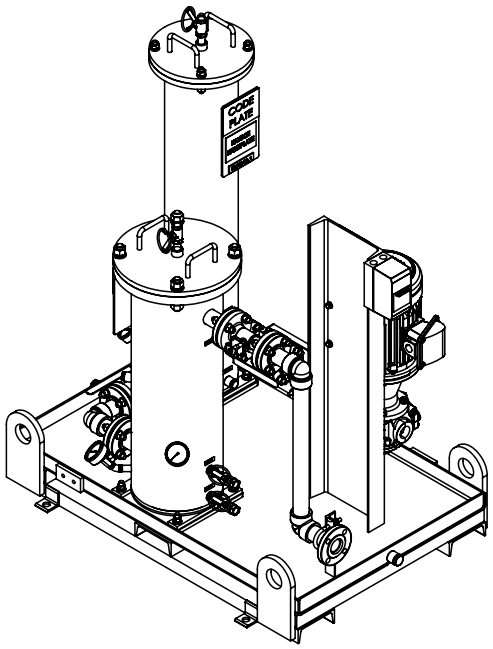
- Eliminate water and prevent microbial growth in stored diesel
- Prevent premature degradation of stored diesel
- Accommodate green fuel products such as Hydrotreated Vegetable Oil (HVO) and Biodiesel blends
- Mitigate contamination resulting from storage tank agitation
- Exceed the most stringent OEM cleanliness requirements in a single pass
- Maintain fuel quality standards during high usage events when fuel consumption is highest and quality is most critical

These systems offer a range of flow rates and installation flexibility designed to meet diverse operational needs.
Whether used for continuous bulk fuel conditioning or single-pass polishing during transfer, they provide a complete, economical and versatile solution.

KAYDON FILTRATION
Filtration Group®

CRITICAL FUEL SKID
CFS SERIES

Kaydon's Critical Fuel Skid combines our advanced particulate removal and water separation technologies to remove 100% of damaging water and deliver ISO cleanliness codes far exceeding the most stringent industry standards. This packaged solution draws fuel from bulk storage, polishes it, and returns it back to storage on a continuous or as-needed basis, ensuring diesel life and protecting the critical components of modern diesel generator engines.



Specifications	
Performance (Single-Pass)	ISO Cleanliness: 15/13/11 Water Removal: 100% removal of free and emulsified water
Fluid Compatibility	#2 Diesel Bio-Diesel Blends (< B20)1 Hydrotreated Vegetable Oil (HVO)
Design Flow Rates	10 gpm / 38 lpm 30 gpm / 113 lpm
Part Numbers	CFS-10 (10 gpm) CFS-30 (30 gpm)
Design Pressure	150 psi / 10.3 Bar
Approximate Dimensions (in)	48 L x 35 W x 55 H
Approximate Weight (lbs.)	Dry: 925 | Full: 1100
Materials of Construction	Carbon Steel | Buna-N Seals
Exterior Coating	C4 Classification Paint (ISO 12944)
Interior Coating	Epoxy
Vessel Design	ASME Sec. VIII, Div. I
Inlet Connection	1 ½" NPT
Outlet Connection	1 ½" RF Flange
Pressure Gauge Ports	¼" NPT
Drain Valve (Prefilter)	¾" NPT
Drain Valve (Coalescer)	½" NPT
Water Drain:	Manual Ball Valve
Water Level Detection:	Visual Water Level Sight Glass
Pump Motor	10 gpm: 1.5 HP / 460VAC 30 gpm: 5 HP / 460VAC
Controls	Manual Start/Stop control NEMA 4 Enclosure

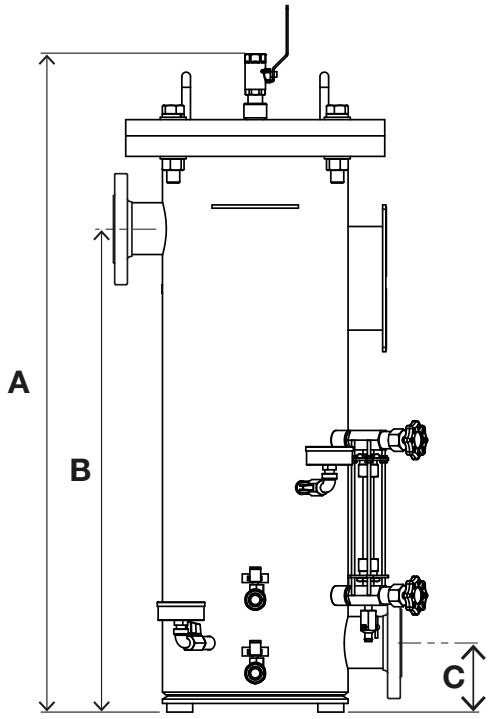
Elements						
Type	PN	Ø (in)	Length (in)	$\beta_{\mu} \geq 1000$	Qty	
					10 gpm	30 gpm
Pre-filter	CF-36-5	6	36	4.2	1	1
Coalescer	CF-36-3	3.5	20	-	1	3
Separator	CF-36-02	4	20	-	1	3

Optional Features

- Automatic Air Relief Valve
- Automatic Pressure Relief Valve
- Programmable Logic Controller with touch screen HMI
- Inlet/Outlet sample ports with isolation valve
- Variable Frequency Drive
- Higher design pressures and flow rates available upon request

1. For Bio-Diesel blends, flow rates and performance may be reduced. Contact Kaydon for more detail
2. Actual dimensions to be confirmed with customer approval drawing

CFW SERIES
FUEL/WATER SEPARATOR VESSELS



In-line Water and Particulate Removal:

Kaydon's advanced coalescer/separator technology integrates water separation and particulate capture to ensure fuel quality during both routine transfer and high usage events. Designed for integration into facility fuel transfer lines, Kaydon's coalescer/separator vessels remove 100% of damaging water and ensure OEM ISO Cleanliness in a single-pass. They can also be paired with particulate removal vessels to achieve cleanliness far exceeding the most stringent industry requirements.

Model #	Target Flow Rate		Approx. Dimensions (in)[2]				Approx. Weight (lbs)		Element Quantity	
	GPM	LPM	A	B	C	Ø	Dry	Full	Coalescers	Separators
CFW-20	20	75	52	34	3.5	12	175	225	1	1
CFW-60	60	227	38	27	3.5	18	235	335	3	3
CFW-100	100	378	40	28	3.5	22	275	375	5	5

Specifications	
Fluid Compatibility	#2 Diesel Bio-Diesel Blends (< B20) Hydrotreated Vegetable Oil (HVO)
Max Design Flow Rate[1]	100 gpm / 378 lpm
Design Pressure	150 psi / 10.3 Bar
Materials of Construction	Carbon Steel or Stainless Steel
Exterior Coating	C4 Classification Paint (ISO 12944)
Interior Coating	Epoxy
Vessel Design	ASME Sec. VIII, Div. I
Inlet/Outlet Connection	1.5" or 2" Flanged or NPT
Pressure Gauge Ports	¼" NPT
Drain Ports	¾" NPT
Water Drain:	Manual valve w/ Visual Water Level Sight Glass
Performance (Single-Pass)	ISO Cleanliness: 15/13/11 Water Removal: 100% Removal of Free and Emulsified Water

Elements			
Type	PN	Diameter (in)	Length (in)
Coalescer	CF-20-C	3.5	20
Separator	CF-20-S	4	20

Optional Features

- Automatic Water Drain
- Automatic Air Relief Valve
- Automatic Pressure Relief Valve
- Pressure Gauges pre-mounted or shipped loose
- Elements pre-installed
- Higher design pressures and flow rates available upon request

KAYDON FILTRATION
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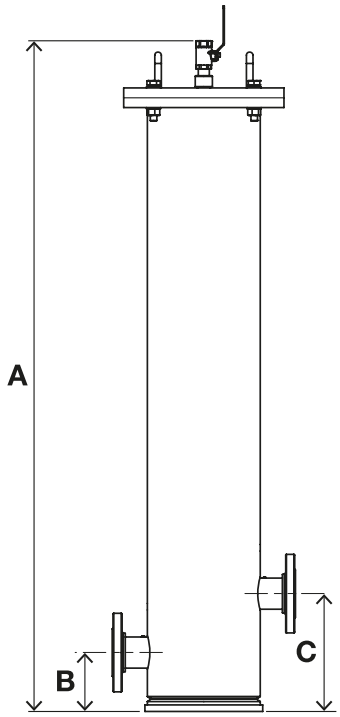
CFF SERIES
PARTICULATE REMOVAL VESSELS



In-line Particulate Removal:

Maintaining fuel cleanliness is essential during high usage events, when fuel consumption is highest and quality is most critical. Designed for integration into facility fuel transfer lines, Kaydon's particulate removal vessels efficiently remove particulates and exceed the most stringent OEM ISO Cleanliness Codes in a single pass without sacrificing filter element life.

Model #	Target Flow Rate		Approx. Dimensions (in)[2]				Approx. Weight (lbs)		Inlet / Oulet Connections	Element Quantity
	GPM	LPM	A	B	C	Ø	Dry	Full		
CFF-50[5]	50	189	33	3.5	8.5	9	150	225	1.5"	1[3]
CFF-100[5]	100	378	51	4.5	9	9	200	300	2"	1
CFF-300[5]	300	1135	59	5	10	16	600	875	3"	3

Specifications	
Fluid Compatibility	#2 Diesel Bio-Diesel Blends (< B20) Hydrotreated Vegetable Oil (HVO)
Max Design Flow Rate[1]	300 gpm / 1135 lpm
Design Pressure	150 psi / 10.3 Bar
Materials of Construction	Carbon Steel or Stainless Steel
Exterior Coating	C4 Classification Paint (ISO 12944)
Interior Coating	Epoxy
Vessel Design	ASME Sec. VIII, Div. I U-Stamped
Inlet/Outlet Connection	Flanged or NPT
Pressure Gauge Ports	¼" NPT
Drain Ports	¾" NPT
Performance (Single-Pass)	ISO Cleanliness: tbd

Elements				
PN	Ø (in)	Length (in)	$\beta_{\mu} \geq 1000$	ISO Cleanliness
CF-36-3	6	36	7.1	18/16/13
CF-36-02	6	36	4.2	15/13/11

Optional Features

- Automatic Air Relief Valve
- Automatic Pressure Relief Valve
- Pressure Gauges (pre-installed or shipped loose)
- Elements pre-installed
- Higher design pressures and flow rates available upon request
- Non-Stamped (U) Vessels available to ship from stock[4]

1. For Bio-Diesel blends, flow rates and performance may be reduced. Contact Kaydon for more detail
2. Actual dimensions to be confirmed with customer approval drawing
3. Uses single 6" x 18" element
4. Available in 50 gpm and 100 gpm.
5. Non-ASME vessel weights and dimensions may vary. Contact Kaydon for more detail

CRITICAL FUEL SYSTEMS
ELEMENTS

Kaydon's Critical Fuel Systems are engineered to ensure clean, dry diesel fuel for critical backup power applications. These packaged systems protect engines from particulate and water contamination. Designed for continuous service or scheduled maintenance, they help meet critical fuel cleanliness standards and preserve long-term system reliability.

CFS Particulate Elements

High-efficiency particulate filters are designed to remove fine solids that contribute to injector wear and poor combustion. With advanced microglass media, these filters exceed ISO cleanliness targets and extend the life of diesel-powered equipment. Their durable, high-capacity design supports long service intervals with minimal pressure drop.

CFS Coalescer and Separator Elements

A two-stage coalescing and separation process removes free and emulsified water from diesel fuel. CFS elements ensure water levels are reduced to below 100 ppm, protecting against microbial growth, fuel instability, and corrosion in downstream components.

Part Number		CF-36-3	CF-36-5	CF-20-C	CF-20-S
Element Type		Particulate	Particulate	Coalescer	Separator
Flow Direction		Outside to Inside		Inside to Outside	
Performance	Efficiency	β_x = 1000 @ 4.2µ	β_x = 1000 @ 7.1µ		
Fluid Compatibility		#2 Diesel, Biodiesel (<B20), Hydrotreated Vegetable Oil (HVO)			
Compatible Vessels/Systems		CFF-50 / CFF-100 / CFF-300 CFF-50-NS / CFF-100-NS CFS-10 / CFS-30		CFW-20 / CFW-60 / CFW-100 CFS-10 / CFS-30	
Operating Temperature Range		50 - 120 °F (10 - 49 °C)			
Terminal Pressure drop		25 psid (1.7 bar)	25 psid (1.7 bar)	15 psid (1.0 bar)	
Nominal Dimensions		6 x 36 in (152 x 914 mm)		3.5 x 20 in (89 x 508 mm)	4 x 20 in (102 x 508 mm)
Weight (approx.)		13 lbs (5.89 kg)		2 lbs (0.9 kg)	

KAYDON FILTRATION
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Lube & Hydraulic Oil Filtration

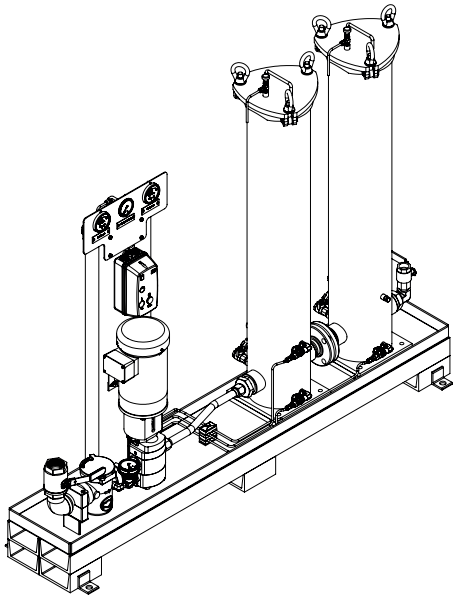
Effective filtration is critical for maintaining the reliability and longevity of industrial equipment. Contaminants in lube and hydraulic oil can lead to increased wear, reduced efficiency, and unexpected equipment failures. Protecting rotating components and hydraulic systems from these threats is essential for minimizing unscheduled maintenance and costly downtime.

With decades of expertise, Kaydon Filtration is a trusted leader in designing advanced oil filtration solutions that safeguard critical assets.

Engineered for Demanding Industrial Environments

Our solutions deliver robust, high-efficiency particulate and water removal for lube and hydraulic oil applications. These systems protect critical components from harmful contamination, minimize equipment wear, and support reliable, long-term operation.

KP SERIES
STATIONARY SYSTEMS



The KP Series sets the standard for industrial oil filtration, delivering continuous removal of harmful particulates and water to safeguard critical equipment and maximize uptime.

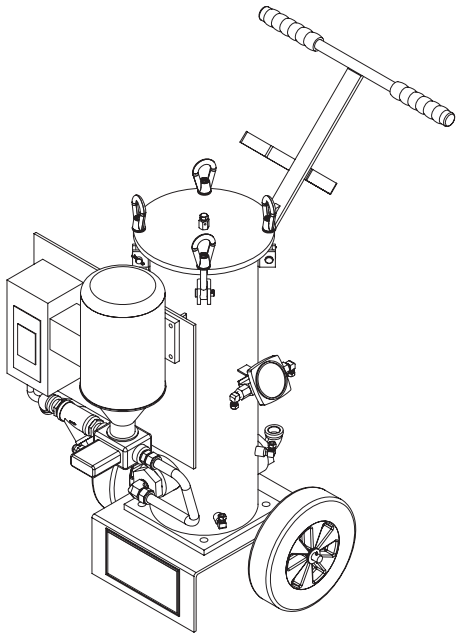
- **High-efficiency contaminant removal:** Efficiently eliminates particulates and water from lube and hydraulic oils, reducing the risk of equipment wear and unplanned maintenance
- **Continuous protection:** Designed for around-the-clock operation, supporting long-term reliability in demanding industrial environments
- **Versatile application:** Proven performance in steel and aluminum mills, paper mills, and other heavy industries where oil cleanliness is critical
- **Rapid oil conditioning:** Quickly restores oil quality during shutdowns, preparing systems for efficient and trouble-free startup
- **Customizable solutions:** Available with a range of options and configurations to meet specific operational requirements

The KP Series ensures your lubrication and hydraulic systems operate at peak performance-minimizing downtime, extending equipment life, and delivering confidence in every run.

Specifications	KP10-2-S-V636	KP30-001-V636
System Flow (max.)	10 GPM / 38 LPM	30 GPM / 114 LPM
Sizing	Up to 1,200 gallons / 4,500 liters	
System Pressure	100 psig / 7 bar	
Environmental Parameters	NEMA 4 Minimum Temperature: 32ºF (0ºC) Maximum Temperature: 104ºF (40ºC)	NEMA 4 / IP54 Minimum Temperature: 32ºF (0ºC) Maximum Temperature: 104ºF (40ºC)
Operating Voltage	460 VAC / 3PH / 60 Hz / 4 AMPS	380-415 VAC / 3 PH / 60 Hz / 5 AMPS
Materials of Construction	Metals: Aluminum, Carbon Steel, Stainless Steel Elastomers: Buna-N Paint: Epoxy	
Pressure Vesels	Carbon Steel with Ductile Iron Head/Base	
Inlet/Outlet Connections	Type: NPT Inlet: 2" (50.8 mm) Outlet: 1" (25.4 mm)	Type: NPT Inlet: 2" (50.8 mm) Outlet: 1.5" (38.1 mm)
Pump/Motor Assembly	Pump: positive displacement, 10 GPM @ 350 SSU @ 1750 RPM, 90 psig relief valve. Motor: 2HP / 2.7 KW	Pump: positive displacement, 30 GPM @ 350 SSU @ 1460 RPM, 90 psig relief valve. Motor: 3HP / 2.2 KW
Fluid Compatibility	Mineral base oil (maximum viscosity = ISO 68)	
Filter Stages	1st Stage: 30 mesh pump protection strainer 2nd Stage: particulate removal 3rd Stage: water removal or polishing	
Performance	Particulate: ISO Cleanliness Code 17/15/13[1]	
Controls	ON/OFF Motor Starter (NEMA 4)	
Weight (Dry)	700 pounds (318 kg) approx.	945 pounds (430 kg) approx.
Dimensions (LxWxH)	54 x 15 x 58 inches 1854 x 370 x 1470 mm	60 x 38 x 58 inches 1524 x 965 x 1470 mm

KAYDON FILTRATION
Filtration Group®

KP SERIES
PORTABLE SYSTEMS



The KP Series sets the standard for industrial oil filtration, delivering continuous removal of harmful particulates and water to safeguard critical equipment and maximize uptime.

- **High-efficiency contaminant removal:** Efficiently eliminates particulates and water from lube and hydraulic oils, reducing the risk of equipment wear and unplanned maintenance
- **Continuous protection:** Designed for around-the-clock operation, supporting long-term reliability in demanding industrial environments
- **Versatile application:** Proven performance in steel and aluminum mills, paper mills, and other heavy industries where oil cleanliness is critical
- **Rapid oil conditioning:** Quickly restores oil quality during shutdowns, preparing systems for efficient and trouble-free startup
- **Customizable solutions:** Available with a range of options and configurations to meet specific operational requirements

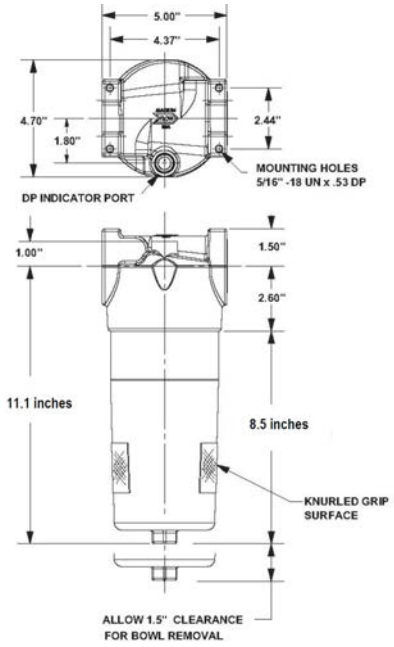
The KP Series ensures your lubrication and hydraulic systems operate at peak performance-minimizing downtime, extending equipment life, and delivering confidence in every run.

Specifications	KP-618-5	KP-636-5	KP-636-10
System Flow (max.)	5 gpm (19 lpm)	5 gpm (19 lpm)	10 gpm (38 lpm)
Sizing	For use with reservoirs up to 600 gallons (2,270 liters)		
System Pressure	100 psig / 7 bar		
Environmental Parameters	NEMA 4 (moisture proof and dust proof) Minimum Temperature: 32ºF (0ºC) Maximum Temperature: 104ºF (40ºC)		
Materials of Construction	Metals: Bronze, Carbon Steel, Stainless Steel Elastomers: Buna-N		
Inlet/Outlet Connections	Inlet: 1" (25.4 mm) NPT Outlet: 1" (25.4 mm) NPT		
Pump/Motor Assembly	Pump: positive displacement (sliding vane type) Motor: 1HP		
Operating Voltage	120 VAC / 1PH / 60 Hz		
Fluid Compatibility	Petroleum Based Fluids (maximum viscosity = ISO 320 at 100 ºF)		
Element Life Indicator	Type: Visual - Gauge | Measurement: Differential Pressure | Range: 0 - 40 psid		
Recommended Change-Out DP	25 psid / 1.7 bar		
Weight (Dry)	180 lbs (82 kg)	215 lbs (98 kg)	
Dimensions (LxWxH)	30 x 24 x 36 inches 760 x 610 x 915 mm	30 x 24 x 54 inches 760 x 610 x 1370 mm	

981 SERIES
IN-LINE FILTER HOUSINGS

- **High-Performance Filtration:** Designed for reliable, high-pressure inline filtration in hydraulic and lube oil systems, supporting flows up to 20 gpm and pressures up to 1,200 psig
- **Compact & Rugged:** Ideal for mobile equipment, small hydraulic power units, and lube systems where larger assemblies aren't practical
- **Superior Protection:** Offers a more robust and durable alternative to spin-on filters, providing enhanced protection for critical components
- **Flexible Filtration:** Accommodates 4-inch filter elements with multiple micron ratings for tailored particulate removal

The Model 981 delivers dependable filtration performance in a reduced footprint, helping extend equipment life and reduce the risk of oil-related failures and unplanned maintenance.



Specifications		
Flows Up To	40 GPM / 152 lpm	
Inlet / Outlet Connections	1-½ inch NPTF	
Seal Material and Type	Fluoroelastomer Circumferential Bowl Seal	
Materials of Construction	Head:	Die Cast Aluminum
	Bowl:	Anodized Die Caste Aluminum
	By-Pass Valve:	Nylon
	Filtration Element:	Tin coated carbon steel end caps and center tube. Epoxy adhesives and inert micro-fiberglass filtration media
Fluid Compatibility	Petroleum Based Fluids (maximum viscosity = ISO 320)	
Max. Operation Pressure / Static Burst Pressure	1,200 psig (83 bar) / 3,000 psig (206 bar)	
Rated Fatigue Pressure	0—1000—0 psig for 1,000,000 cycles	
Application	Inline Oil Filtration or Return Line Oil Filtration (maximum viscosity = ISO 320)	
Recommended Change-Out Differential Pressure	25 psid (1.7 bar)	
Differential Pressure Indicator Type and Setting Type	Visual — mechanical "pop-up" type indicator with Fluoroelastomer seal. Setting = 44 psid	
By-Pass Valve Rating	50 psid (3.4 bar)	
Operating Temperature Range	-15°F — 250°F (-26°C—120°C)	
Replacement Filtration Elements	8 inch (204 mm) length elements	
Replacement Filtration Element Ratings	β_x= 200: 1, 3, 6, 12, or 25 µm / β_x(c) = 1000: 3, 5, 7, 12, 22 µm	
Assembly Weight	8.8 pounds (4 kg)	
SEAL KIT	Part Number 981-SEAKKIT (includes o-ring bowl seal)	

KAYDON FILTRATION
Filtration Group®

KAYMAX®
LUBE & HYDRAULIC OIL ELEMENTS

Kaydon Kaymax® elements are designed for critical lubricating oil applications where high-efficiency particulate removal and long service life are essential. Constructed with bonded fixed-pore micro-fiberglass media, these elements maintain pleat integrity under high viscosity and flow conditions—delivering consistent filtration performance that protects rotating equipment and extends oil life.

Materials of Construction:

- Inner/Outer Jacket – Spiral-welded Steel
- Gaskets – Buna-N
- Adhesive - Epoxy
- Media – Microglass

Part Number		KM6018-1	KM6036-3	KM6018-6	KM6018-12	KM6036-25
Element Type		Particulate				
Flow Direction		Outside to Inside				
Performance	Efficiency	β_x = 1000 @ 1µ	β_x = 1000 @ 3µ	β_x = 1000 @ 6µ	β_x = 1000 @ 12µ	β_x = 1000 @ 25µ
Fluid Compatibility		Mineral-Based Lubricating Oils				
Maximum Viscosity		ISO 68				
Compatible Vessels/Systems		KP-5 / KP-10 / KP-30				
Operating Temperature Range		32 - 200 ºF (0 - 93 ºC)				
Terminal Pressure drop		25 psid (1.7 bar)				
Nominal Dimensions		6 x 18 in (152 x 457 mm)				
Weight (approx.)		6 lbs (2.7 kg)				

KAYDRI®
WATER ABSORBING ELEMENTS

Kaydon Kaydri® elements are engineered for efficient water removal using quick-dry absorptive polymer technology. Ideal for systems where coalescers or vacuum dehydrators are impractical, these elements capture and retain water within the media to prevent recontamination. In addition to removing up to 1 gallon of water per element, Kaydri® filters also provide 5-micron particulate filtration for comprehensive oil cleanliness.

Materials of Construction:

- Metals: Electrogalvanized Tinplate
- Gaskets: Buna-N
- Adhesive: Epoxy
- Filter Media: Water Absorptive Polymer and Fiberglass

Part Number		KQD6018-5	KQD6036
Element Type		Absorbing	
Flow Direction		Outside to Inside	
Performance	Efficiency	β_x = 10 @ 5µ	
	Water removal	80% Single pass	
Fluid Compatibility		Mineral-Based Lubricating Oils	
Maximum Viscosity		ISO 68	
Compatible Vessels/ Systems		KP-5	KP-10 KP-30
Operating Temperature Range		32 - 250 °F (0 - 121 °C)	
Terminal Pressure drop		20 psid (1.7 bar)	
Nominal Dimensions		6 x 18 in (152 x 457 mm)	6 x 36 in (152 x 914 mm)
Weight (approx.)		6 lbs (2.7 kg)	12 lbs (5.4 kg)

KMP Series
HIGH-PRESSURE ELEMENTS

Kaydon KMP Series elements are designed to deliver high-efficiency particulate removal in compact systems operating under high pressure. Paired with Model 981 housings, these filters support pressures up to 1,200 psig—making them ideal for hydraulic circuits and high-demand lube oil loops.

Part Number		KMP9600AKF8V
Element Type		Particulate
Performance	Efficiency	β_x = 200 @ <4µ
Maximum Viscosity		ISO 320
Compatible Vessels/Systems		981 Series
Operating Temperature Range		-40 - 250 °F (-4 - 120 °C)
Max Operating Pressure		1200 psid (83 bar)
Nominal Dimensions		3 x 8 in (76 x 203 mm)

KAYDON FILTRATION
Filtration Group®

Diesel Purification

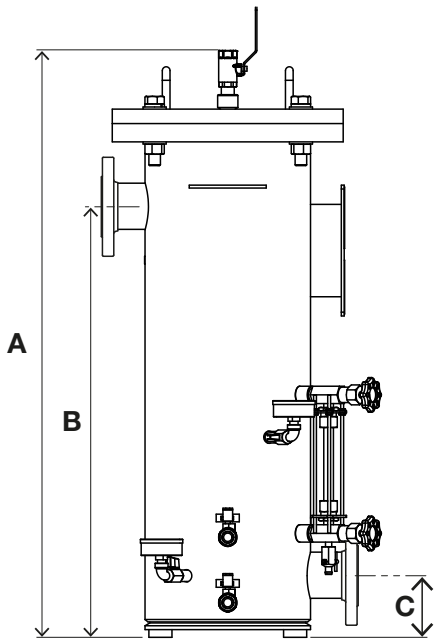
With decades of expertise in fuel filtration, Kaydon Filtration delivers advanced solutions that deliver clean, water-free fuel to critical equipment in demanding environments. Our advanced systems are trusted worldwide to protect engines, reduce downtime, and ensure reliable performance—no matter the application.

Engineered for Clean, Reliable Diesel

Modern diesel engines require fuel that meets the highest standards for cleanliness and dryness. Even small amounts of water or particulate contamination can cause injector fouling, corrosion, and costly equipment failures.
Kaydon's diesel fuel purification solutions are engineered to remove water, sediment, and debris—exceeding the latest ASTM and OEM requirements for fuel quality.

851E SERIES
SINGLE PASS VESSEL

Kaydon's 851E filters utilize advanced coalescing technology to remove water and harmful particulates, ensuring delivery of clean diesel fuel and preventing costly damage and downtime. By efficiently eliminating contaminants, they extend component life and maintain diesel equipment performance—ideal for avoiding revenue loss from fuel-related failures.



Model #	Target Flow Rate		Approx. Dimensions (in)[2]				Approx. Weight (lbs)		Element Quantity	
	GPM	LPM	A	B	C	Ø	Dry	Full	Coalescers	Separators
851E-1	20	75	52	34	3.5	12	175	225	1	1
851E-3	60	227	38	27	3.5	18	235	335	3	3
851E-5	100	378	40	28	3.5	22	275	375	5	5

Specifications	
Fluid Compatibility	#2 Diesel Bio-Diesel Blends (< B20) Hydrotreated Vegetable Oil (HVO)
Max Design Flow Rate[1]	100 gpm / 378 lpm
Design Pressure	150 psi / 10.3 Bar
Materials of Construction	Carbon Steel or Stainless Steel
Exterior Coating	C4 Classification Paint (ISO 12944)
Interior Coating	Epoxy
Vessel Design	ASME Sec. VIII, Div. I
Inlet/Outlet Connection	1.5" or 2" Flanged or NPT
Pressure Gauge Ports	¼" NPT
Drain Ports	¾" NPT
Water Drain:	Manual valve w/ Visual Water Level Sight Glass
Performance (Single-Pass)	ISO Cleanliness: 15/13/11 Water Removal: 100% Removal of Free and Emulsified Water

1. For Bio-Diesel blends, flow rates and performance may be reduced. Contact Kaydon for more detail
2. Actual dimensions to be confirmed with customer approval drawing

Elements			
Type	PN	Diameter (in)	Length (in)
Coalescer	CI-3520P	3.5	20
Separator	36W91	4	20

Optional Features

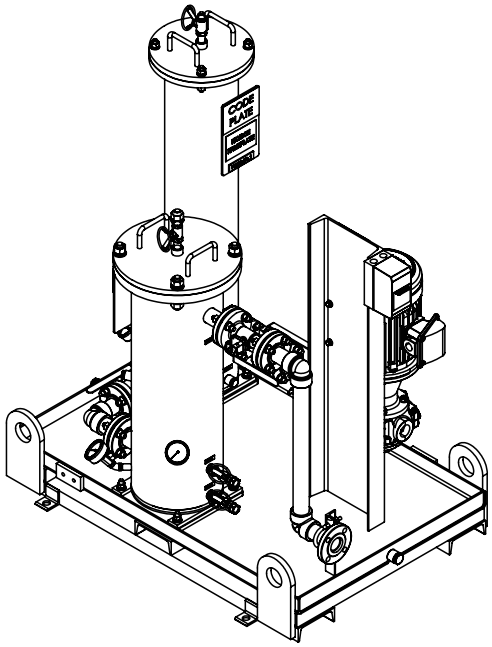
- Automatic Water Drain
- Automatic Air Relief Valve
- Automatic Pressure Relief Valve
- Pressure Gauges pre-mounted or shipped loose
- Elements pre-installed
- Higher design pressures and flow rates available upon request

KAYDON FILTRATION
Filtration Group®

MS SERIES
RECIRCULATION SKID

The MS Series Recirculation Skid combines particulate removal and water separation to remove 100% of damaging water and maintain fuel cleanliness far exceeding industry standards.

This packaged solution uses an integrated pump to continuously polish bulk storage tanks, ensuring fuel life and protecting critical engine components.



Specifications	
Performance (Single-Pass)	ISO Cleanliness: 15/13/11 Water Removal: 100% removal of free and emulsified water
Fluid Compatibility	#2 Diesel Bio-Diesel Blends (< B20)1 Hydrotreated Vegetable Oil (HVO)
Design Flow Rates	10 gpm / 38 lpm 30 gpm / 113 lpm
Part Numbers	MS-10-CG (10 gpm) MS-30-CG (30 gpm)
Design Pressure	150 psi / 10.3 Bar
Approximate Dimensions (in)	48 L x 35 W x 55 H
Approximate Weight (lbs.)	Dry: 925 | Full: 1100
Materials of Construction	Carbon Steel | Buna-N Seals
Exterior Coating	C4 Classification Paint (ISO 12944)
Interior Coating	Epoxy
Vessel Design	ASME Sec. VIII, Div. I
Inlet Connection	1 ½" NPT
Outlet Connection	1 ½" RF Flange
Pressure Gauge Ports	¼" NPT
Drain Valve (Prefilter)	¾" NPT
Drain Valve (Coalescer)	½" NPT
Water Drain:	Manual Ball Valve
Water Level Detection:	Visual Water Level Sight Glass
Pump Motor	10 gpm: 1.5 HP / 460VAC 30 gpm: 5 HP / 460VAC
Controls	Manual Start/Stop control NEMA 4 Enclosure

Elements						
Type	PN	Ø (in)	Length (in)	$\beta_{\mu} \geq 1000$	Qty	
					10 gpm	30 gpm
Pre-filter	KM6018-02	6	36	4.2	1	1
Coalescer	CI-3520P	3.5	20	-	1	3
Separator	36W91	4	20	-	1	3

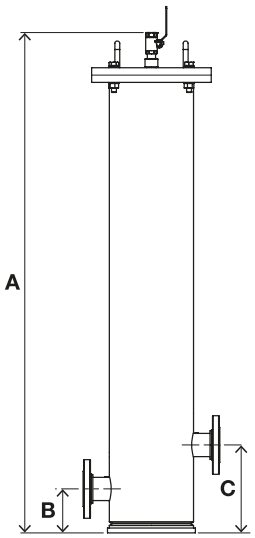
Optional Features

- Automatic Air Relief Valve
- Automatic Pressure Relief Valve
- Programmable Logic Controller with touch screen HMI
- Inlet/Outlet sample ports with isolation valve
- Variable Frequency Drive
- Higher design pressures and flow rates available upon request

1. For Bio-Diesel blends, flow rates and performance may be reduced. Contact Kaydon for more details.
2. Actual dimensions to be confirmed with customer approval drawing.

VKS SERIES
PARTICULATE FILTRATION

Designed and built to ASME Section VIII standards, the VKS fuel filtration filter assemblies provide rugged, code-compliant filtration performance for applications requiring certified pressure vessels. Ideal for regulated environments, it includes inlet/outlet gauges, a Coast Guard-compliant configuration, and ships with a high-efficiency Kaydon filter element.



Model #	Target Flow Rate		Approx. Dimensions (in)[2]				Approx. Weight (lbs)		Inlet / Oulet Connections	Element Quantity
	GPM	LPM	A	B	C	Ø	Dry	Full		
VKS-1[5]	50	189	33	3.5	8.5	9	150	225	1.5”	1[3]
VKS-2[5]	100	378	51	4.5	9	9	200	300	2”	1
VKS-6[5]	300	1135	59	5	10	16	600	875	3”	3

Specifications	
Fluid Compatibility	#2 Diesel Bio-Diesel Blends (< B20) Hydrotreated Vegetable Oil (HVO)
Max Design Flow Rate[1]	300 gpm / 1135 lpm
Design Pressure	150 psi / 10.3 Bar
Materials of Construction	Carbon Steel or Stainless Steel
Exterior Coating	C4 Classification Paint (ISO 12944)
Interior Coating	Epoxy
Vessel Design	ASME Sec. VIII, Div. I U-Stamped
Inlet/Outlet Connection	Flanged or NPT
Pressure Gauge Ports	¼” NPT
Drain Ports	¾” NPT
Performance (Single-Pass)	ISO Cleanliness: tbd

Elements				
PN	Ø (in)	Length (in)	$\beta_{\mu} \geq 1000$	ISO Cleanliness
KM6036-3	6	36	7.1	18/16/13
KM6036-02	6	36	4.2	15/13/11

Optional Features

- Automatic Air Relief Valve
- Automatic Pressure Relief Valve
- Pressure Gauges (pre-installed or shipped loose)
- Elements pre-installed
- Higher design pressures and flow rates available upon request
- Non-Stamped (U) Vessels available to ship from stock[4]

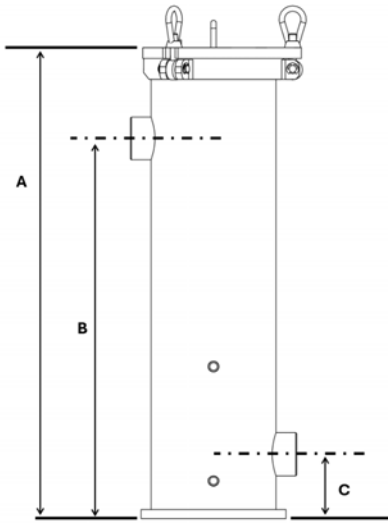
1. For Bio-Diesel blends, flow rates and performance may be reduced. Contact Kaydon for more detail
2. Actual dimensions to be confirmed with customer approval drawing
3. Uses single 6” x 18” element
4. Available in 50 gpm and 100 gpm.
5. Non-ASME vessel weights and dimensions may vary. Contact Kaydon for more detail

KAYDON FILTRATION
Filtration Group®

V SERIES
PARTICULATE REMOVAL VESSELS

The V particulate vessels offer the same dependable filtration performance in a streamlined, non-code-stamped design that's stocked for quick delivery.

Built from carbon steel with a compact footprint, it's an excellent choice for cost-sensitive projects where ASME certification is not required.



Model #	Target Flow Rate		Approx. Dimensions (in)[2]			Approx. Weight (lbs)		Inlet / Oulet Connections	Element Quantity
	GPM	LPM	A	B	C	Dry	Full		
V618	50	189	33	26.5	4.5	90	130	1.5"	1[3]
V636	100	378	51	4.5	4.5	110	190	2"	1

Specifications	
Fluid Compatibility	#2 Diesel Bio-Diesel Blends (< B20) Hydrotreated Vegetable Oil (HVO)
Max Design Flow Rate[1]	300 gpm / 1135 lpm
Design Pressure	150 psi / 10.3 Bar
Materials of Construction	Carbon Steel or Stainless Steel
Exterior Coating	C4 Classification Paint (ISO 12944)
Interior Coating	Epoxy
Vessel Design	ASME Sec. VIII, Div. I U-Stamped
Inlet/Outlet Connection	Flanged or NPT
Pressure Gauge Ports	¼" NPT
Drain Ports	¾" NPT
Performance (Single-Pass)	ISO Cleanliness: 15/13/11

Elements				
PN	Ø (in)	Length (in)	$\beta_{\mu} \geq 1000$	ISO Cleanliness
KM-6036-3	6	36	7.1	18/16/13
KM-6036-02	6	36	4.2	15/13/11

Optional Features

- Automatic Air Relief Valve
- Automatic Pressure Relief Valve
- Pressure Gauges (pre-installed or shipped loose)
- Elements pre-installed
- Higher design pressures and flow rates available upon request

1. For Bio-Diesel blends, flow rates and performance may be reduced. Contact Kaydon for more details.
2. Actual dimensions to be confirmed with customer approval drawing.
3. Uses single 6" x 18" element.
4. Available in 50 gpm and 100 gpm.

BULK DIESEL ELEMENTS

Our Diesel Purification elements deliver clean, water-free fuel to critical equipment in demanding environments.

Particulate Elements

Kaydon particulate filters provide critical protection in bulk diesel storage and transfer systems by removing abrasive solid contaminants that cause injector wear and fuel system damage. With high-efficiency micro glass media, these filters support cleaner combustion, reduced engine downtime, and compliance with modern diesel cleanliness standards.

Materials of Construction:

- Inner/Outer Jacket – Spiral-welded Steel
- Gaskets – Buna-N
- Adhesive - Epoxy
- Media – Microglass

Part Number		KM6018-2	KM6036-2	KM6018-3	KM6036-3
Element Type		Particulate	Particulate	Particulate	Separator
Flow Direction		Outside to Inside			
Performance	ISO Cleanliness				
	Efficiency	β_x = 1000 @ 4.2µ	β_x = 1000 @ 4.2µ	β_x = 1000 @ 7.1µ	β_x = 1000 @ 7.1µ
Fluid Compatibility		#2 Diesel, Biodiesel (<B20), Hydrotreated Vegetable Oil			
Compatible Vessels/Systems		V-618 VKS Series	V-636 VKS Series	V-618 VKS Series	V-636 VKS-2 Series

Coalescers and Separators

Engineered for bulk diesel purification, Kaydon's coalescer and separator elements deliver effective two-stage water removal without the need for additives or heat. The coalescer collects and merges dispersed water into larger droplets, while the separator prevents re-entrainment—ensuring clean, dry fuel ready for efficient combustion and long-term storage stability.

Materials of Construction:

- Metals – Aluminum
- Gaskets – Viton
- Media – Microglass, Teflon-Coated Steel
- Adhesive - Epoxy

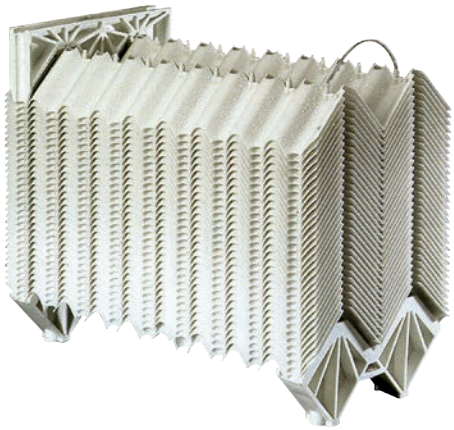
Part Number	C-3520P	36W91
Element Type	Coalescer	Separator
Flow Direction	Inside to Outside	
Performance (Water Removal)	100% Free Water	-
Compatible Vessels/Systems	851E MS-10-CG MS-30-CG	
Operating Temperature	50 - 120 °F (10 - 49 °C)	
Terminal Pressure Drop	15 psid (1.0 bar)	
Nominal Dimensions	3.5 x 20 in (89 x 508 mm)	4 x 20 in (102 x 508 mm)
Weight (approx.)	2 lbs (0.9 kg)	2 lbs (0.9 kg)

KAYDON FILTRATION
Filtration Group®

Oily Water Separation

Our Oil Water Separators play a crucial role in environmental protection and regulatory compliance by efficiently removing free hydrocarbons from contaminated water.

MPAK® COALESCING PLATES



KAYDON'S NEW HIGH-PERFORMANCE MPak® COALESCING PLATES PROVIDE SUPERIOR PERFORMANCE IN REAL WORLD ENVIRONMENTAL CLEAN-UP.

MPak® coalescing plates are designed to separate oil and solids from water using the differences in their specific gravities. The plates MPak® are installed in packages with a predetermined spacing therebetween, so as to enable the space required for retention of solids. The adaptability of the plates makes of them the most appropriate system for both the conversion of existing devices and for new facilities.

Features

- Reduces oil contamination to limits as low as 5 ppm
- Virtually self-cleaning -solids fall to the bottom, oil weeps to the top
- Modular construction -retrofits existing API separators and tanks
- New support system that allows access for solids removal
- ¾", ¼" and ½" spacing
- Computer sizing —guarantees effluent quality
- Operating temperature 40° F to 208° F
- pH range from 2 to 12
- Oleophilic material
- Surface area per 2 ft3: 186 ft2 is greater than any competitor

Applications

MPak® coalescing plates have hundreds of environmental applications, including:

- Rainwater run-off clean-up
- Maintenance washdown clean-up
- Heavy equipment and transportation washdown facilities
- Groundwater remediation clean-up
- Machine tool coolant recovery
- Manufacturing facility effluent water
- Oil refinery/storage terminal effluent water
- Offshore and onshore oil production facilities
- Marine applications
- General industry

KAYDON FILTRATION
Filtration Group®

Flow Indicators

Kaydon Filtration leads the industry when it comes to ensuring trouble-free operation and protecting our customers' investments. Pressure and gravity oilers offer fundamental control mechanisms to maintain proper lubrication for your equipment – lubrication that reduces friction, minimizing wear and extending the life of your equipment.

TELEFLO® MODEL 816BC
FLOW SWITCH

The TELEFLO Model 816BC is a rugged, low-cost flow switch for oil/water applications, protecting costly equipment in mining, power generation, steel/aluminum mills, and pulp & paper industries.

With 80+ years protecting thousands of installations, its factory-preset no-flow trigger and pointer dial provide visual flow confirmation (not measurement).

Designed for demanding environments, it connects to relays/lights for alarms without calibration, ensuring simple, durable operation against flow loss.

Part #	Model #	Inlet/Outlet Connections	Factory Switch Setpoint[1] 150 SSU (ISO 32)		Flow Rate Indicating Range[2]		Weigth	Dimensions (L x W x H)	
			Oil	Water	gpm	lpm		in	mm
51B22	816BC-½	NPT ½ in	2.5 gpm (9.5 lpm)	6 gpm (23 lpm)	2 to 18	8 to 106	5 lbs (2.5 kg)	3.63 x 2.94 x 3.38	92 x 75 x 86
51B05	816BC-¾	NPT ¾ in	4.5 gpm (17 lpm)	8 gpm (30 lpm)	4 to 32	16 to 121	5 lbs (2.5 kg)	3.75 x 3.5 x 3.38	95 x 83 x 86
51B06	816BC-1	NPT 1 in	7 gpm (27 lpm)	10 gpm (36 lpm)	6 to 60	23 to 227	8 lbs (4 kg)	3.25 x 3.5 x 3.38	83 x 83 x 86
51B08	816BC-1½	NPT 1½ in	9 gpm (34 lpm)	12 gpm (45 lpm)	8 to 70	31 to 265	8 lbs (4 kg)	4.75 x 4.25 x 3.38	121 x 108 x 86
51B09	816BC-2	NPT 2 in	11 gpm (42 lpm)	14 gpm (53 lpm)	10 to 75	38 to 285	13 lbs (8 kg)	6.5 x 5.0 x 4.5	165 x 127 x 114

Specifications	
Materials of Construction	Heavy Duty Aluminum Housing, Aluminum and Clear Acrylic Plastic Elastomers: Viton and Garlock 7022
Maximum Operating Pressure	125 psig @ 150° F 8.79 kg/cm² @ 65° C
Operating Temperature Range	-10° F to 200° F -25° C to 93° C
Switch	Single-pole, double-throw (SPDT) switch Switch Actuation: 2nd graduation mark on scale (approximately) Contact Rating: 15/7 amps at 120/240 VAC Conduit Connection: ½ inch NPT female

Features

- Ease of use
- Heavy duty aluminum construction
- Fluid flow indication
- NEMA 4 enclosure

1. Flows below this setpoint may not show indication on the scale. It is not recommended to apply the 816BC for flows below the switch setpoint.
2. The flow range is an approximate range based upon 150 SSU (ISO 32) oil at 100° F. The range should be used as guide.

KAYDON FILTRATION
Filtration Group®

MODEL 4B
GRAVITY OILERS

The Model 4B Gravity Sight Feed Oiler offers a clear oil flow view with fine tune-control. The Model 4B allows oil flow by gravity to a lubrication point. The double-window design permits observation of the oil stream from either side. This oiler provides trouble-free service with little or no maintenance required. Its compact design ensures easy installation in confined spaces, and the corrosion-resistant materials guarantee durability even in harsh environments.

Ideal for machinery requiring consistent lubrication without electrical power.

Specifications	
Materials of Construction	Cast Iron Body, Glass Windows, Bronze Fittings, Buna-N O-ring Seals Exterior Paint: Epoxy
Inlet/Outlet Connections	NPT ½ inch
Dimensions (L x W x H)	3.75 x 2.38 x 3.75 inch 95 x 60 x 95 mm
Weight (approx.)	0.5 lbs (2.27 kg)
Maximum Operating Pressure	125 psig @ 225° F 8.79 kg/cm² @ 107.2° C
Operating Temperature Range	32° F to 200° F 0° C to 93.3° C

Features

- Body vent
- Cast iron body, glass windows, bronze fittings
- Flow rate knob

MODEL 902A
PRESSURE OILERS

The Model 902A Pressure Feed Oiler is a combination of a metering valve and flow indicator. It is used for the distribution and supply of oil under pressure to lube points of use, such as bearings and gears. It is particularly useful where several lubrication points are served from the same piping manifold. The 902A oilers can be clustered in easily accessible locations. Oil can then be piped up to remote or less accessible lube points. It is particularly useful where several lubrication points are served from the same piping manifold.

Part #	Model #	Flow Rate Indicating Range		Dimensions (L x W x H)	
		pt/min	lpm	in	mm
34N56	902A-2	.5 to 2	.24 to .95	With adjusting screw full closed: 4 x 2 x 6	With adjusting screw full closed: 102 x 51 x 153
27N86	902A-4	1 to 4	.48 to 1.9		
27N87	902A-8	2 to 8	.95 to 3.8		
27N88	902A-16	4 to 16	1.9 to 7.6	With adjusting screw full open: 4.5 x 2 x 6	With adjusting screw full open: 115 x 51 x 153
27N89	902A-32	8 to 32	3.8 to 15.2		

Specifications	
Materials of Construction	Body: Cast Iron Piston: Aluminum with Teflon O-Ring Spring: Carbon Steel Spring Wire Sight Tube: Borosilicate Gage Glass Inlet Protection Screen: 304SS (16 mesh)
Inlet/Outlet Connections	NPT ¾ inch
Dimensions (L x W x H)	3.75 x 2.38 x 3.75 inch 95 x 60 x 95 mm
Weight (approx.)	1 lbs (0.5 kg)
Maximum Operating Pressure	125 PSIG @ 125° F / 8.8 kg/cm² at 52° C
Operating Temperature Range	32° F - 200° F / 0° C - 93° C Designed to be accurate within 5% and is repeatable within an oil temperature range of +/- 30° F from normal operating temperature.

Features

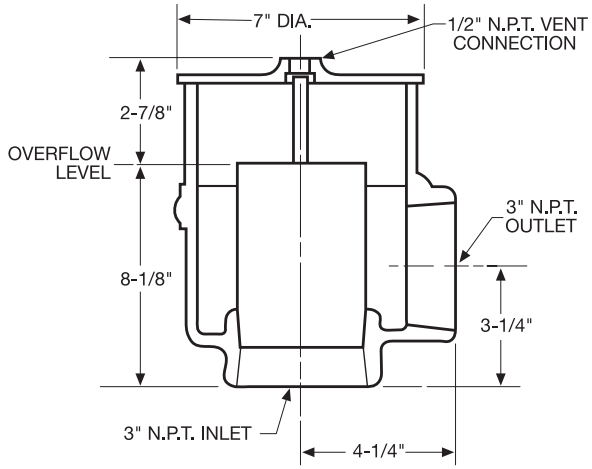
- Ease to use
- Heavy-duty cast iron construction
- Oil flow adjustment during operation

KAYDON FILTRATION
Filtration Group®

MODEL 825
OVERFLOW SIGHT

Kaydon Model 825 Overflow Sights are designed for convenient observation of liquid flow and are extremely practical for maintaining a desired or fixed level of liquid circulating in a system. The metal top has a 1/2" NPT vent connection to connect into the reservoir above the maximum liquid level for vacuum operating systems.

Kaydon Model 825 Safety Overflow Sights are installed as an accessory item for off-line (kidney-loop) oil filtration and conditioning systems. The heavy-duty glass tube withstands high pressure, and the stainless steel body ensures long-term reliability in industrial applications.

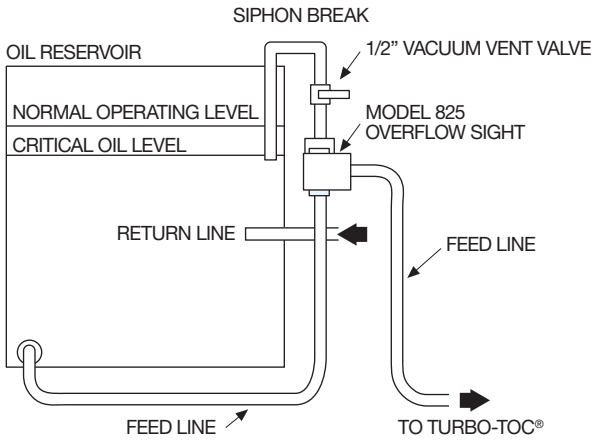


Part #	Model #	Inlet/Outlet Connections	Dimensions (L x W x H)	
			in	mm
89869	825-2	2" NPT	7 x 7 x 11	178 x 178 x 279
50B60	825-3	3" NPT	7 x 9 x 11	178 x 229 x 279

Features

- Simple, straight-forward design
- Clear glass viewing walls
- Metal top and ½" NPT connection
- Heavy-duty cast-iron construction

TYPICAL MODEL 825 OVERFLOW SIGHT INSTALLATION



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