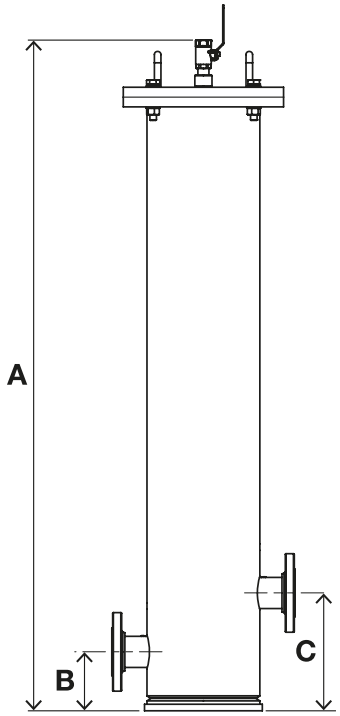
CFF Series
Particulate Removal Vessels

CRITICAL FUEL SYSTEMS



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

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