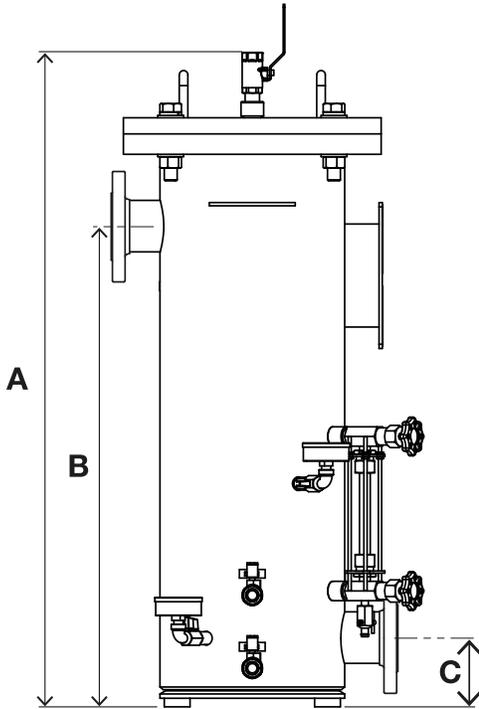


CFW Series Fuel/Water Separator Vessels

CRITICAL FUEL SYSTEMS



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	1/4" NPT
Drain Ports	3/4" 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

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

