



The **Facet** 21 and 22 Series filter separators are economical, compact housings for superior in-line filtration protection when used with the standard 21 or 22 Series coalescer separator cartridges.

These **Facet** 21 and 22 Series filter separators effectively remove water and solids from fuels. Both the exterior and interior of the carbon steel body are epoxy coated to protect against corrosion. The sturdy, single cartridge housings are easy to maintain and require only 2" (51 mm) base clearance for cartridge changeout.

STANDARD HOUSING DESIGN

- Body: Carbon steel
- Interior and exterior: Epoxy coated
- Head: Anodized die cast aluminum
- Design pressure: 150 psi (1034 kPa)
- Closure: Stainless steel v-band
- Closure seal: Buna-N o-ring—other materials available on request
- Vent and drain connections with brass petcocks provided
- Inlet and outlet connections: 1½" NPT female threaded
- One 21 or 22 Series filter separator cartridge installed

OPTION

- Pressure gauge kit

HOUSING DATA

MODEL NUMBER ⁽¹⁾	OPERATING PRESSURE		INLET / OUTLET CONNECTIONS NPT	NOMINAL LENGTH		SHIPPING WEIGHT		OUTSIDE DIAMETER	
	psi	kPa		in.	mm	lbs.	kgs.	in.	mm
21 SERIES									
VFCS-21-7 VFCS-21C	150	1034	1½"	16	406	13	5.9	6½	165
22 SERIES									
VFCS-22-7 VFCS-22C	150	1034	1½"	20	508	17	7.5	6½	165

All dimensions and weights are approximate.

⁽¹⁾ Model number includes housing and required cartridge installed.



Facet 21 and 22 Series filter separator cartridges provide long service life and high solids holding capacity with no unloading characteristics. These filter separator cartridges effectively remove water and solids from fuels.

STANDARD DESIGN FEATURES

- Recommended maximum operating temperature: 240°F (115°C)
- Maximum differential pressure: 75 psi (517 kPa)
- Fluid pH range: 5 to 9
- Flow direction: Outside to in

MATERIALS

- Carbon steel structural components
- All metal components coated to protect against corrosion
- Standard gaskets are Buna-N—other materials available on request

DATA

MODEL NUMBER	OUTSIDE DIAMETER		NOMINAL LENGTH		SHIPPING WEIGHT	
	in.	mm	in.	mm	lbs.	kgs.
21 SERIES						
CC-21-7 CC-21C	6	152	9	230	4	1.8
22 SERIES						
CC-22-7 CC-22C	6	152	12	300	6	2.7

FLOW RATES

JET FUEL				AV-GAS			
INITIAL ΔP		FLOW		INITIAL ΔP		FLOW	
psi	kPa	gpm	lpm	psi	kPa	gpm	lpm
21 SERIES — USING CC-21-7 CARTRIDGE							
3.5	24.1	35	132	2.5	17.2	45	170
22 SERIES — USING CC-22-7 CARTRIDGE							
5.5	37.8	50	189	3.5	24.1	60	227

