### Bulk Diesel Fuel Coalescing Filter \*Coalescing Elements Patent-Pending



### **Applications**







PROTECTION FOR HIGH-FLOW FUEL INJECTION SYSTEMS



KIDNEY LOOP / RECIRCULATION

#### Application Introduction:

The Reason for Better Bulk Fuel Filtration Advances in diesel engine fuel injection systems have been instrumental in

complying with future emission standards. Higher pressure fuel injection systems have been instrumental in complying with future emission standards. Higher pressure fuel injectors produce a finer mist of fuel, which burns cleaner. Common rail injection systems run at higher pressures and allow more injections per combustion cycle improving fuel economy, engine performance with lower noise. Higher pressure fuel injector systems have tighter tolerances and require the highest efficiency, single-pass particulate and water removal to minimize wear related failures.

### **Features and Benefits**

- Patent-pending, three-phase, particulate and fuel/water separation media technology
- A revolutionary element designed for the highest single-pass water and particulate removal efficiencies in today's ultra-low sulfur diesel (ULSD) fluids
- Protects expensive Tier 3 and Tier 4 engine components against failures caused by particulate and water transferred from the bulk fuels tanks to the vehicle
- Allows users to achieve or exceed the particulate and water removal specifications of the injection system OEMs
- Previously acceptable industry standard products no longer provide the high-efficiency separation needed in today's ULSD fluids
- Complete automation is achievable with fail-safe auto-drain feature using a remote 5 gallon (18L) or 20 gallon (75L) sump with alarm and auto shutdown in application above 32°F (0°C)



Model no. of filter in photograph is: QCFC5VS24VM

#### Markets



INDUSTRIAL



MOBILE



COMMON RAIL



FLEET

MINING TECHNOLOGY



RAILROAD







BULK FUEL FILTRATION

70 gpm 265 L/min 100 psi 7 bar

QCF



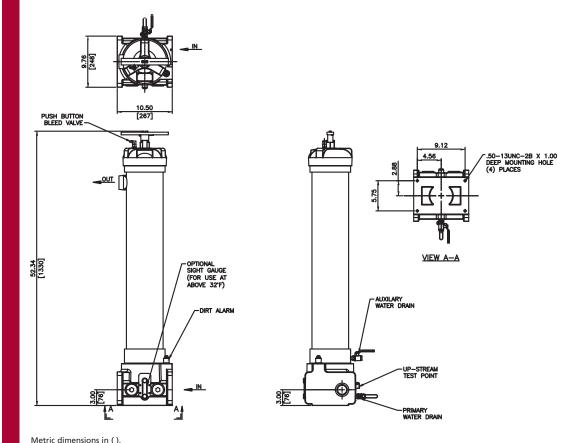
## **QCF** Bulk Diesel Fuel Coalescing Filter



Flow Rating:	Up to 70 gpm (265 L/min) for ULSD15
Inlet/Outlet Connection:	-24 (ORB) SAE J1926
Drain Connection Upper:	1/4" NPT Ball Valve
Drain Connection Lower:	1/4" NPT Ball Valve
Max. Operating Pressure:	100 psi (7 bar)
Min. Yield Pressure:	400 psi (27.6 bar) without sight gauge
Rated Fatigue Pressure:	Contact Factory
Temperature range:	-20°F to 165°F (-29°C to 74°C) Standard 32°F to 165°F (0°C to 74°C) with optional sight gauge
Bypass Indication:	25 psi (1.7 bar) (Lower indication options available)
Bypass Valve Cracking:	30 psi (2 bar)
Materials of Construction:	Porting Base: Anodized Aluminum Element Bowl: Epoxy Paint w/ High-phos Electroless Nickel Plating (Standard) Cap: Nickel Coated Ductile Iron
Weight:	155 Lbs. (77 kg)
Element Change Clearance:	33.8" (858 mm)

#### NOTES:

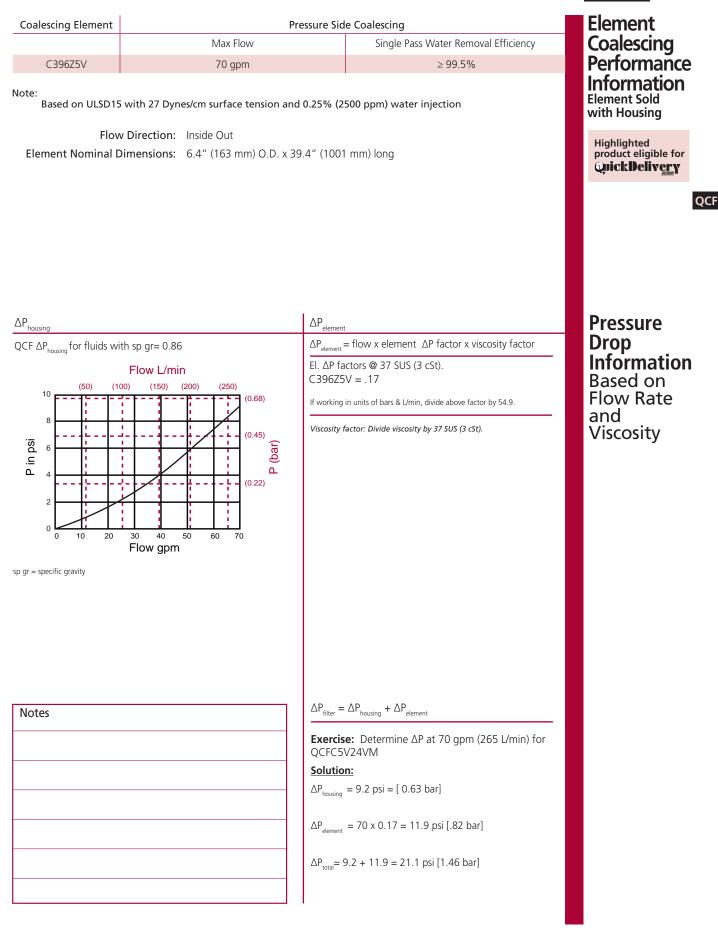
Element is sold with housing



Dimensions shown are inches [millimeters] for general information and overall envelope size only. For complete dimensions please contact Schroeder Industries to request a certified print.

# **Bulk Diesel Fuel Coalescing Filter**





# **CF** Bulk Diesel Fuel Coalescing Filter

