

Cold Clear™ BCC100 Series

Cold Weather | Clear Biodiesel | The Clear Solution.

Introduction

The new ASTM D6751 Cold Soak Filtration test is leaving many diesel/biodiesel producers and consumers "out in the cold". In response, Schroeder Fuels Filtration is proud to present ColdClear™, a proprietary, patent pending, multi-stage separation technology designed specifically to ensure that diesel/biodiesel products conform to this ASTM standard for cold flow properties. The ColdClear™ system consists of a three-stage bank of housings using a combination of filtration and adsorption principles to capture compounds that could cause plugging or crystallization in diesel/biodiesel fluids. Notably, ColdClear™ is the premiere multi-stage treatment system for solving the cold soak filtration dilemma in diesel B100 biodiesel and biodiesel blends in a single pass while resulting in a negligible yield loss.

Features and Benefits

- ColdClear™ is a three stage system with all housings mounted in series on a single skid
- The first stage serves as a pre-filter and captures solid particulates down to three microns using high efficiency Excellement® cartridges
- Stages 2 and 3 utilize cartridges that combine adsorption technologies with the proven effectiveness of Schroeder's High efficiency Excellement® synthetic media
- The standard ColdClear™ system is equipped with 1" NPT or SAE flange ports and is designed to handle a maximum flow of 5 gpm for an estimated 15,000 gallons
- Multiple units can be employed to meet higher flow requirements
- The ColdClear™ system can be easily integrated into existing plant piping environments
- If multiple units are required, Schroeder Fuels Filtration offers a range of flow & system monitoring options to ensure proper operation
- The essence of the ColdClear™ technology is the removal of crystallization precursors from the diesel, biodiesel or biodiesel blends. Therefore knowing the exact flow rate of your system is essential for the ColdClear™ system to be properly sized and configured for specific application



Model No. of image in photograph is BCC100VP16P16D5CUU

Specifications

Flow: Up to 5 gal/min (19 L/min)

Max Operating Pressure: 150 psi (10.3 bar)

Operating Temperature: 70°F optimal (40°F to 100°F)

Porting Base & Cap: Cast Aluminum

Element Case: Steel

Cartridge Type: BCCPREFILTER & BCCPOLISH
Supplied in cases of twelve (12) each

Element Change Clearance: 8.5" (215 mm)

ColdClear™ is only available through the Schroeder Fuel Filtration network of authorized distributors and representatives.

Schroeder
INDUSTRIES

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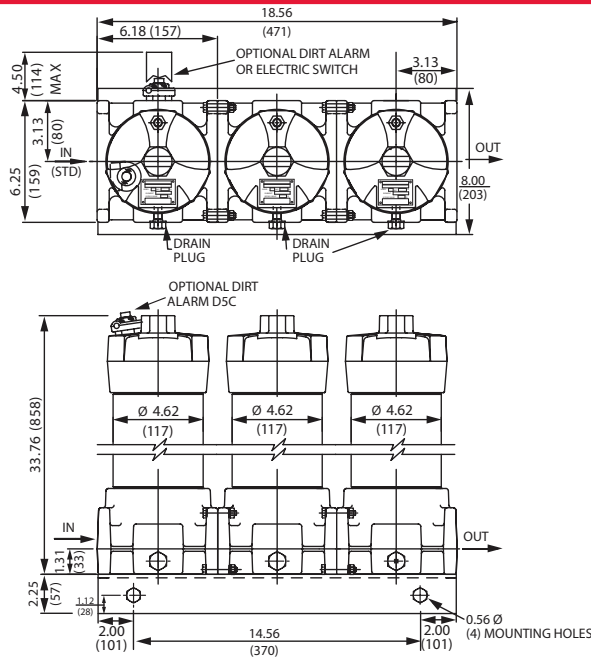
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Typical Applications

- In-plant treatment of biodiesel (B100) prior to conform to ASTM standards prior to blending or shipment
- In-plant treatment of diesel/biodiesel blends (ex. B5, B10, etc) to ensure blended biodiesel meets or exceeds cold flow specifications
- For use in diesel fuel storage and distribution systems where diesel B100 or biodiesel blends are stored and distributed to ensure shipped blends conform to ASTM specifications
- Large fleet terminals that have on-site diesel (and biodiesel blend) storage to ensure tight adherence to cold flow standards
- Pre-treatment of fats and oils prior to processing

Drawing



Metric dimensions in ().

Ordering Information

How to Build a Valid Model number for a Schroeder BCC100:



Example: NOTE: One option per box



BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6
Model Code	Seals	Inlet Porting	Outlet Porting	Stage 1 Indicator	Test Points
BCC100	V = Viton	P16 = 1" NPT F16 = 1" SAE 4-bolt Flange Code 61	P16 = 1" NPT F16 = 1" SAE 4-bolt Flange Code 61	Omit = None D5 = Visual Pop-up D5C = Visual Pop-up in cap MS10 = Electrical w/ DIN connector (male end only)	Omit = None UU* = Test points in all housings

Replacement Cartridges

Stage 1 Cartridge	BCCPREFILTER (Qty 3 required)
Stage 2 & 3 Cartridges	BCCPOLISH (Qty 3 req'd per stage)

*Option UU is not available with D5 or MS10 indicator