

## Meet the BCC300



Dexter Biodiesel Solutions, LLC  
TX USA  
P: 713.389.8595  
M: 713.384.3870  
Nathan DeMartino  
[Nathan@DexterBiodiesel.com](mailto:Nathan@DexterBiodiesel.com)  
[www.DexterBiodiesel.com](http://www.DexterBiodiesel.com)

There are three (3) housings on the BCC300 unit.  
Each housing is referred to as a stage.  
So the BCC300 has 3 stages.

The first stage is a prefilter. This is to catch any particulate that may be in the fuel. It also will work as a filter for any “stringy fats” or waxes in the fuel.

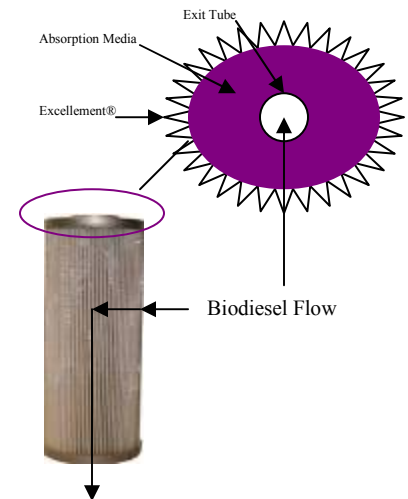


1<sup>st</sup> Stage:  
1 housing  
1 Prefilter  
3 Micron  
Part Number: BCC39QPRE

The second stage is a proprietary Cold Clear cartridge. This cartridge is composed of an out side pleated Excellement® filter media. Held within the Excellement® wall is a proprietary media that adsorbs and absorbs polar and non-polar compounds that cause crystallization. In addition it also removes impurities that can have effect on oxidation stability, cold weather precipitation and blending precipitation.



2<sup>nd</sup> Stage:  
1 housing  
1 Cartridge  
Thin filter Technology with  
patented adsorption and absorption  
technology  
Part Number: BCC39QPOL



The third stage is a proprietary Cold Clear cartridge. This cartridge is composed of an out side pleated Excellement® filter media. Held within the Excellement® wall is a proprietary media that adsorbs and absorbs polar and non-polar compounds that cause crystallization. In addition it also removes impurities that can have effect on oxidation stability, cold weather precipitation and blending precipitation.



3<sup>rd</sup> Stage:  
 1 housing  
 1 Cartridge  
 Thin filter Technology with  
 patented adsorption and absorption  
 technology  
 Part Number: BCC39QPOL

To describe the operation simply, the Biodiesel is passed through the Cold Clear system at the end of the production at a temperature of 100°F - 40°F and 15GPM (or less).

Outlet  
 2"NPT  
 OR  
 2" Flange



Inlet  
 2"NPT  
 OR  
 2" Flange

Optional Test ports  
 (Pre and Post each  
 Stage)

|                                   |                                |
|-----------------------------------|--------------------------------|
|                                   | BCC300                         |
| Flow GPM (L/min)                  | 15 (57)                        |
| Throughput (gal)                  | 40,000                         |
| Max Operating Pressure psi (bar)  | 50 (4)                         |
| Operating Temp °F                 | 70 Optimal<br>Allowable 40-100 |
| Element Case Material             | Steel                          |
| Porting Base & Cap Material       | Ductile Iron                   |
| Element Change Clearance- in (mm) | 33.8 (859)                     |
| PreFilter Cartridge Part Number   | BCC39QPRE                      |
| Polish Cartridge Part Number      | BCC39QPOL                      |
| Number of housings per stage      | 1                              |
| Number of Cartridges per Stage    | 1                              |
| Cartridges Case Lot Quantity      | 1                              |



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