



The Standard in Drywash Technology

Introduction

Eco₂Pure™ is a unique cellulose based, natural composition of adsorbent technologies, specifically formulated for biodiesel purification from any feedstock.

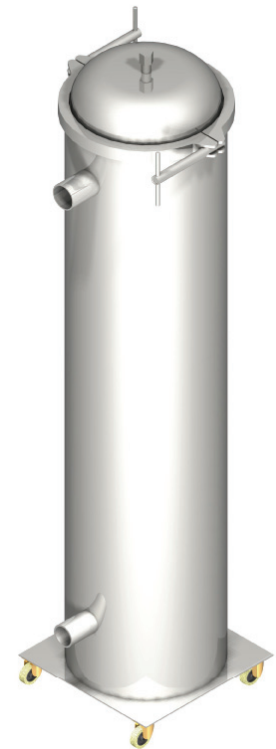
This product is engineered to remove soaps, catalyst traces, residual methanol, moisture and other production residues assisting in the attainment of EN14214 & ASTM-D6751 quality standards. The media will also adsorb excess methanol from the matrix although we recommend removal of the methanol PRIOR to the Eco₂Pure™ process. This ensures the longest bed life possible for the media.



Eco₂pure™ Media

Fast Facts:

- Continuous single pass purification
- Faster per kg flow than ion exchange.
- Feedstock Flexibility – Tests have shown Eco₂Pure™ works equally well within a full range of biodiesel feedstock, from soy through yellow grease.
- Low Cost Solution – Eco₂Pure™ has been designed to keep treatment costs low. For typical applications, treatment cost estimates are between \$0.03 and \$0.04 per gallon of biodiesel processed.



Eco₂pure™ Vessel

The Eco₂Pure™ System

In existing systems, Eco₂Pure™ media can be housed in equipment once used for dry wash including resin towers, other dry wash media tanks and activated carbon vessels.

For new Eco₂Pure™ systems we offer 70 kg of filter housing, that is capable of producing up to 2 GPM or 120 gallons per hour.

For large scale applications, simply add extra towers to your purification line.

Schroeder
INDUSTRIES

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An ISO 9001:2008 Certified Company

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Eco₂Pure™ Cost Per Gallon Analysis:

Part Code	Min \$/gal	Max \$/gal*
EPM-15K-S (Bag)	\$0.05	\$0.07
EPM-15K-S (Pallet)	\$0.04	\$0.05
EPM-20C-S	\$0.03	\$0.04
EPM-40C-S	\$0.02	\$0.03

Vessel Overview:

One tower capacity		Flow		
Capacity*	gpm	gph	12hr day (g)	24 hr day (g)
120 lbs (70 kg)	2.0	120	1,440	2,880