



DELTA TREATMENT SYSTEMS ECOFILTER PUMP VAULT EFFLUENT PUMPING SYSTEMS



DELTA TREATMENT SYSTEMS

Effluent Pumping Systems

Introducing ECO FILTER

Delta Treatment Systems developed the ECO FILTER in answer to environmental concerns and the growing number of S.T.E.P. Collection wastewater systems. S.T.E.P. Collection systems transport effluent from individual septic tanks through a piping system to either a dispersal or wastewater treatment system. Delta Treatment Systems has years of wastewater treatment experience and extensive use of subsurface drip disposal technology.

Easy Access and Maintainance

The ECO FILTER by Delta Treatment Systems has been designed to allow easy access through a 24" opening for service and maintenance. This design gives the service provider the ability to pull and clean the filters without the time-consuming removal of the pump. In addition to saving time and money, the unit has an innovative float system that is easy to remove with a positive locking mechanism. All this makes ECO FILTER the ideal solution for effluent pumping applications.

Materials and Construction

The Delta Treatment Systems ECO FILTER is constructed of polyethylene and polypropylene, which are superior materials for wastewater applications. Our design and construction techniques, coupled with these materials, provide long service life for your system.

The System

Delta Treatment Systems offers a complete pump system. Our engineered system includes the pump filter vault, the high-head turbine submersible pump, and float controls. We will design a system to fit your needs and the special requirements of your project.

Filtering

The Delta Treatment Systems ECO FILTER draws effluent from the middle layer of your septic tank. This area is considered the "clear zone" of a septic tank. In a properly functioning septic tank, gross solids will settle to the bottom of the tank and grease and scum will rise to the top of the tank's water level, creating this "clear zone". Septic effluent from this zone enters the ECO FILTER, where the remaining unwanted solids are filtered from the pump system. The unit is designed to maximize the surface area of the filter to prolong the filter's life, providing you the ideal solution for your wastewater needs.



For Use With:

- Drainfields
- Textile Filters
- Sand Filters
- Peat Filters Mounds
- Trickling Filters
- Aerobic Units
- Wetlands
- Lagoons
- Effluent Irrigation



Features and Benefits

- Installs quickly in new or existing concrete or fiberglass tanks
- Easy access design allows filter cartridge removal without pulling the pump or vault; simplifies filter inspection and maintenance
- Removes a significant amount of suspended solids
- Accommodates simplex or duplex configuration
- Float stem bracket allows easy removal and adjustment of float assembly
- Sturdy, molded polyethylene and corrosion-proof construction ensure long life



Rotational molded polyethylene housing with UV inhibitors for durability and shelf life.



The ECO FILTER features a dual compartment design housing which can be used for your simplex or duplex application needs.

Effluent Pumping Systems

Controls

The controls are one of the most important components of a pumping system. The control panel of the Delta Treatment Systems ECO FILTER system is engineered to operate the system at maximum efficiency. Using a robust and low-maintenance design, these controls vary according to your needs and have numerous options. The panel comes with features to indicate that your system is functioning 24 hours a day.



High-Head Effluent Pump

The powerful, yet lightweight DE Series features stainless steel construction, built-in overload and electric surge protection. Delta offers a wide range of pump selection for any application and incorporates features designed from our years of experience to provide you with trouble-free service.



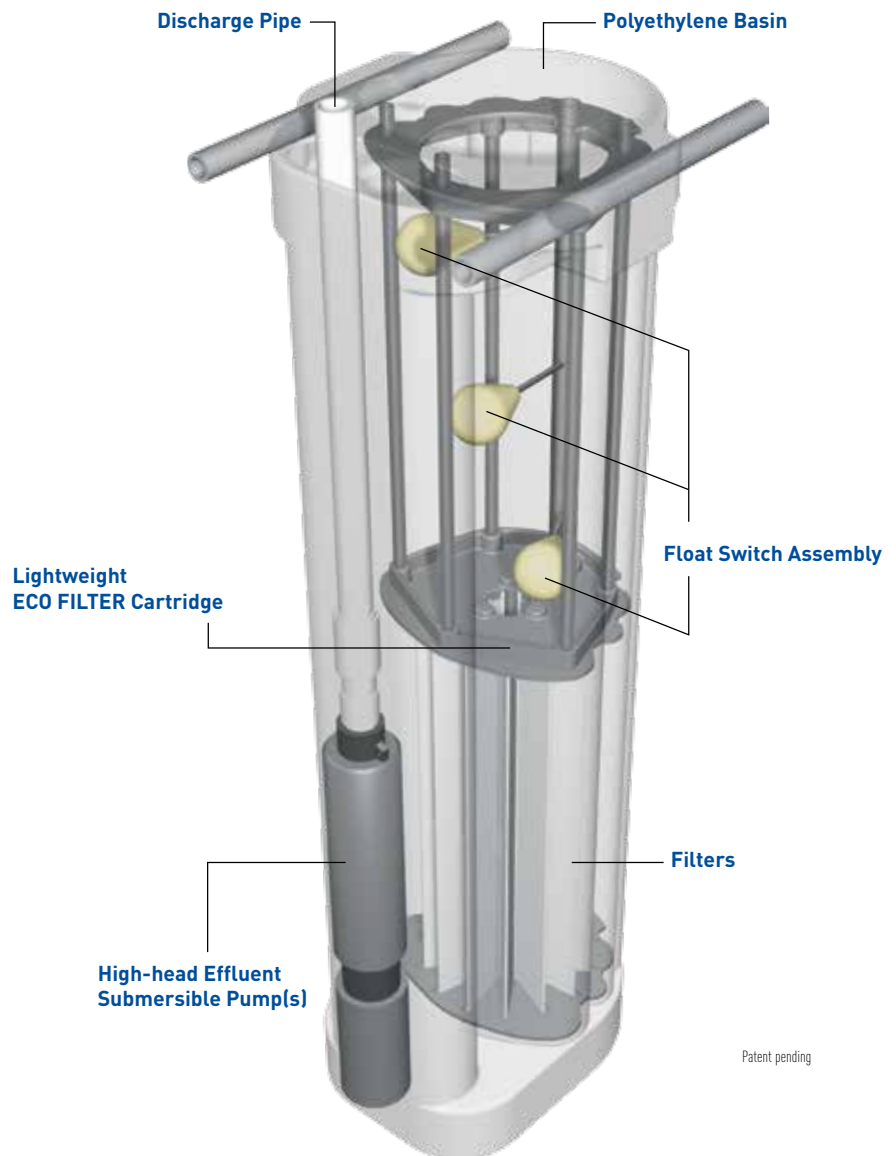
Perforated quality polypropylene medium allows ease of filter cleaning.



Concrete Tank



Fiberglass Tank



Patent pending

Other Delta Treatment Systems Products

A respected leader in wastewater treatment with decades of technical design and manufacturing experience, Delta Treatment Systems is committed to the continuing development of new products in the 21st century.

Application

At Delta Treatment Systems, our engineers have designed wastewater systems for many years, and all are field-tested. We have applied our vast experience in building residential and industrial wastewater systems to bring you the Delta Treatment Systems ECO FILTER.

This system efficiently removes solids, which translates into improved wastewater quality. In addition, the Delta Treatment Systems ECO FILTER prolongs the life of downstream treatment systems. The system is completely engineered and designed to meet your specifications. You have the choice of pumps, floats, enclosure size and control panels. You have the peace of mind knowing that an industry leader built your system.

Technical Support/Distributor Network

Distributors and corporate technical support are ready to help you with any questions. Delta Treatment Systems has distributors around the country. Each of these professionals is factory-trained on the Delta Treatment Systems ECO FILTER to provide the help you need. The network of support included with your purchase of the Delta Treatment Systems ECO FILTER is second to none. The distributors of Delta Treatment Systems are ready to provide the service you expect.



9125 Comar Drive, Walker, LA 70785, 1 (800) 219-9183 | WWW.DELTATREATMENT.COM

Because we are continuously improving our products and services, Delta Treatment Systems reserves the right to change specifications without prior notice.
K4380 04/2018 © 2018 Delta Treatment Systems, LLC. All Rights Reserved.