

18" External Effluent Filter Basin

Submittal
Data Sheet

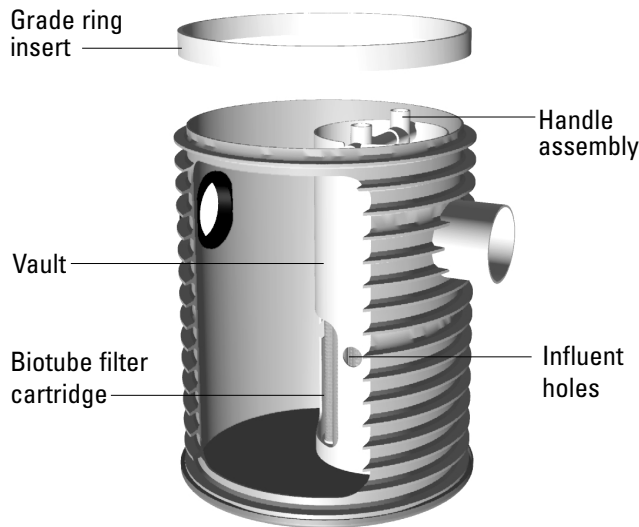


Oreco Systems®
Incorporated

1-800-348-9843

Applications

The 18" External Effluent Filter Basin provides an ideal solution for retrofitting existing residential septic systems. External Filter Basins eliminate the need to make costly, and often hazardous, modifications to existing septic tanks with restrictive access openings or to unusable outlet baffles or tees.



General

External Effluent Filter Basins are composed of an 18" diameter section of ribbed PVC pipe with a fiberglass base, and an 8" diameter Biotube® Effluent Filter (U.S. Patents No. 4439323 and 5492635). Oreco Biotube Effluent Filters are used to improve the quality of effluent exiting a septic tank. The Biotube cartridge has an extendible handle for easy removal. The FTB1824 is designed to connect to 4" diameter schedule 40 PVC pipe, using a 4" diameter grommet on the inlet side, and a 4" diameter Schedule 40 PVC fitting that is solvent-welded to the ribbed pipe for the discharge side. When connecting to 4" diameter 3034 pipe, order a FTB3034KIT, which contains an O-ring for the inlet grommet, and an adapter coupling for the discharge outlet. An 18" diameter grade ring insert is supplied, but the riser and a fiberglass lid should be ordered separately to bring the basin up to grade.

Standard Models

FTB1824-0812
FTB3034KIT (for connecting to 4" 3034 pipe)

Nomenclature

FTB 18 24 - 08 12

Filter cartridge height, 12" standard
Filter diameter, 8" standard
Basin height, 24" standard
Basin diameter, 18" standard
Biotube effluent filter basin

Specifications

Materials of Construction:

Filter Basin:	Ribbed PVC Pipe
Filter Basin Base:	Fiberglass Reinforced Polyester
Biotube Enclosure:	PVC
Biotube Cartridge:	Polypropylene and Polyethylene
Biotube Handle Components:	Sch. 40 PVC, Stainless Steel
Biotube Mesh Openings:	Nominal 1/8" diameter, nominal 30% open area
Inlet Grommet:	EPDM Rubber
Discharge Fitting:	PVC