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# 4" Biotube<sup>®</sup> Effluent Filters

Submission  
Data Sheet



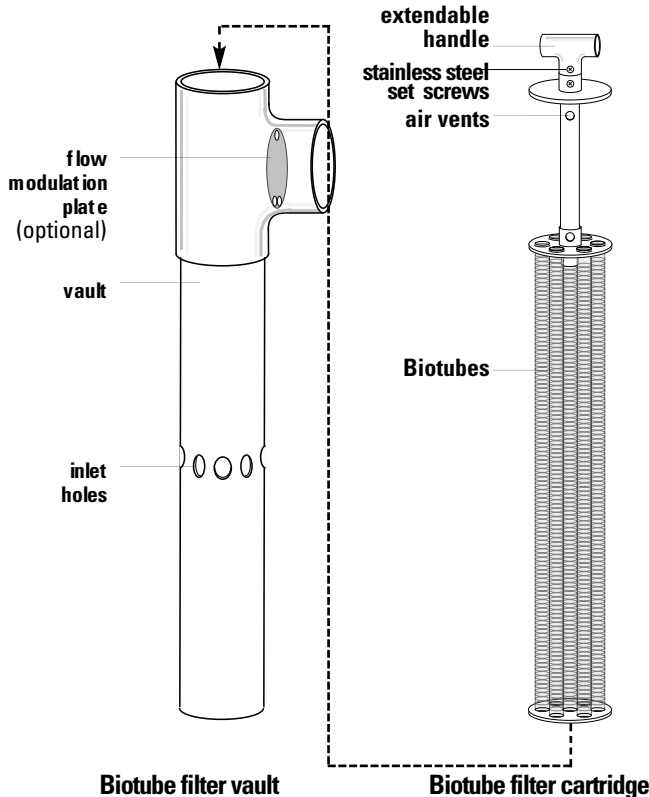
Oreco Systems<sup>®</sup>  
Incorporated  
1-800-348-9843

## Applications

4" Biotube Effluent filters are designed to remove solids from effluent leaving residential septic tanks.

## General

Oreco 4" Biotube Effluent Filters (U.S. Patents No. 4439323 and 5492635) are used to improve the quality of effluent exiting a septic tank in a residential septic system. The Biotube cartridge fits tightly in the vault and is removable for maintenance; the tee handle can be extended for easy removal of the cartridge.



## Standard Series

FTS0444-36, FTS0444-36M, FTW0436-28, FTW0436-28M  
FTW0444-36, FTW0444-36M

## Nomenclature:

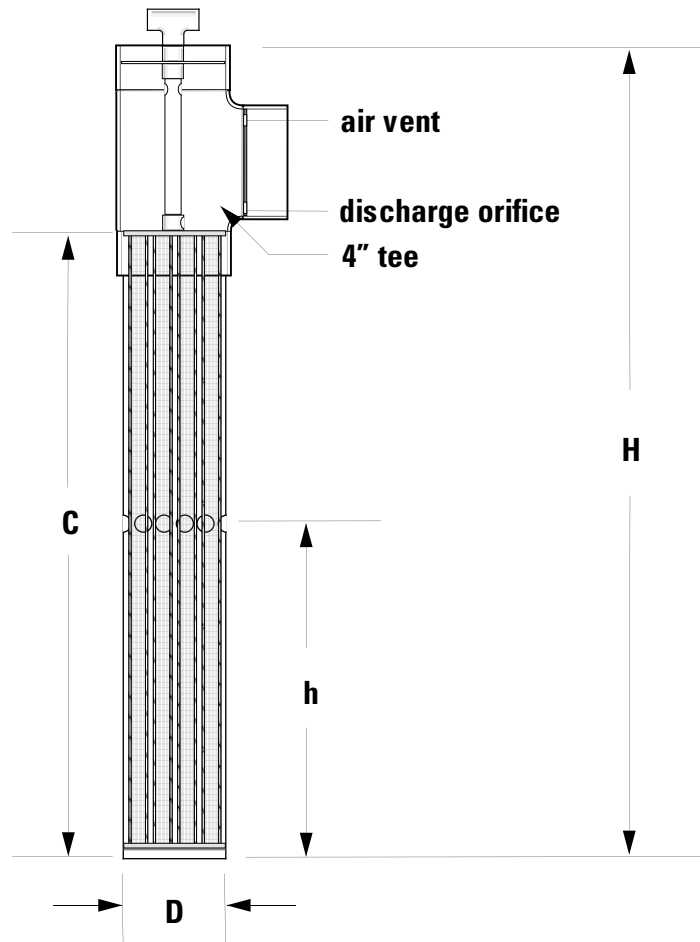
FTPW04-MA-

- For customized options (e.g., NC indicates meets North Carolina regs.)
  - Indicates float bracket attached
  - Indicates flow modulation plate installed
  - Cartridge height. 28" and 36" are standard
  - Housing height. 36" and 44" are standard
  - Indicates filter diameter (in)
  - W-Indicates fits 3034 outlet pipe
  - S-Indicates Schedule 40 outlet pipe
  - P-Indicates 1/16" filtration No P indicates 1/8" filtration
- Biotube effluent filter series

## Specifications

Component	Material(s) of Construction
Vault:	4" PVC
Biotube Cartridge:	Polypropylene and polyethylene
Handle Components:	Sch. 40 PVC, polyethylene, stainless steel
Mesh Openings:	Nominal 1/8" or 1/16"; nominal open area of 30%

# 4" Biotube<sup>®</sup> Effluent Filters (continued)



## Dimensions

Model	FTS0444-36 FTS0444-36M FTW0444-36 FTW0444-36M	FTW0436-28 FTW0436-28M
D - Nominal Diameter (in.)	4	4
H - Overall Height (in.)	44	36
h - Influent Hole Height* (in.)	22	19.25
C - Cartridge Height (in.)	36	28
Number of Biotubes per Cartridge	6	6
Filter Surface Area (sq.ft.)	5.3	4.1
Influent Hole Diameter (in.)	1 1/8	1 1/8
Number of Influent Holes	8	8
Discharge Orifice Diameter (in.)	1/2	1/2
Number of Discharge Orifices	2	2
Air Vent Diameter	1/2	1/2
Number of Air Vents	1	1

\* Influent hole height may vary depending upon the configuration of the tank. Optimum hole height is at 70% of the minimum liquid level.