

18-in. External Effluent Filter Basin

Applications

Orenco's 18-in. (457-mm) External Effluent Filter Basin, featuring patented* Biotube® filter technology, is an ideal way to improve performance of existing residential septic systems by reducing solids discharge to the drainfield. External Filter Basins eliminate the need to make costly, and sometimes hazardous, modifications to existing septic tanks with restrictive access openings or to unusable outlet baffles or tees.



Orenco's External Effluent Filter Basins are the best solution for retrofitting existing residential septic systems. The 8-in. (203-mm) diameter Biotube® Filter has almost 5 ft² (0.5 m²) of filter area, to resist clogging while providing maximum long-term protection.

* Covered by U.S. patent numbers 5,492,635 and 4,439,323

Standard Features & Benefits

- Complete packaged kit ready to install; reduces cost and simplifies installation
- Removes approximately two-thirds of suspended solids, on average
- Flow control discharge orifices limit the flow rate leaving the basin
- Extendible cartridge handle simplifies filter inspection
- Basin can be extended to match depth of existing tank outlet
- Large filter area resists clogging and increases cleaning intervals
- Easy to clean by simply hosing off filter cartridges
- Corrosion-proof construction ensures long life
- 1/8th-inch diameter holes reduce suspended solids by an average of 67%

Biotube Filtering Process

Effluent from the relatively clear zone of the septic tank, between the scum and sludge layers, exits the tank via the tank's outlet assembly and enters the Biotube Effluent Filter through inlet holes in the filter housing.

Effluent then enters the annular space between the housing and the Biotubes, using the entire surface for filtering. Particles larger than the mesh of the Biotube are prevented from leaving the tank.

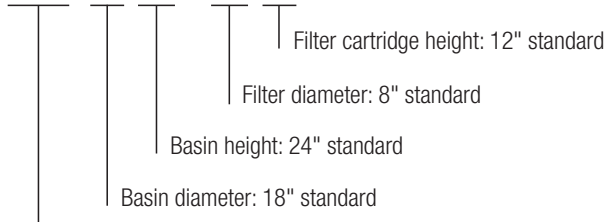
To Order

Call your nearest Orenco Systems®, Inc. Distributor. For nearest Distributor, call Orenco at 800-348-9843, or visit www.orenco.com and click on "Where to Buy."

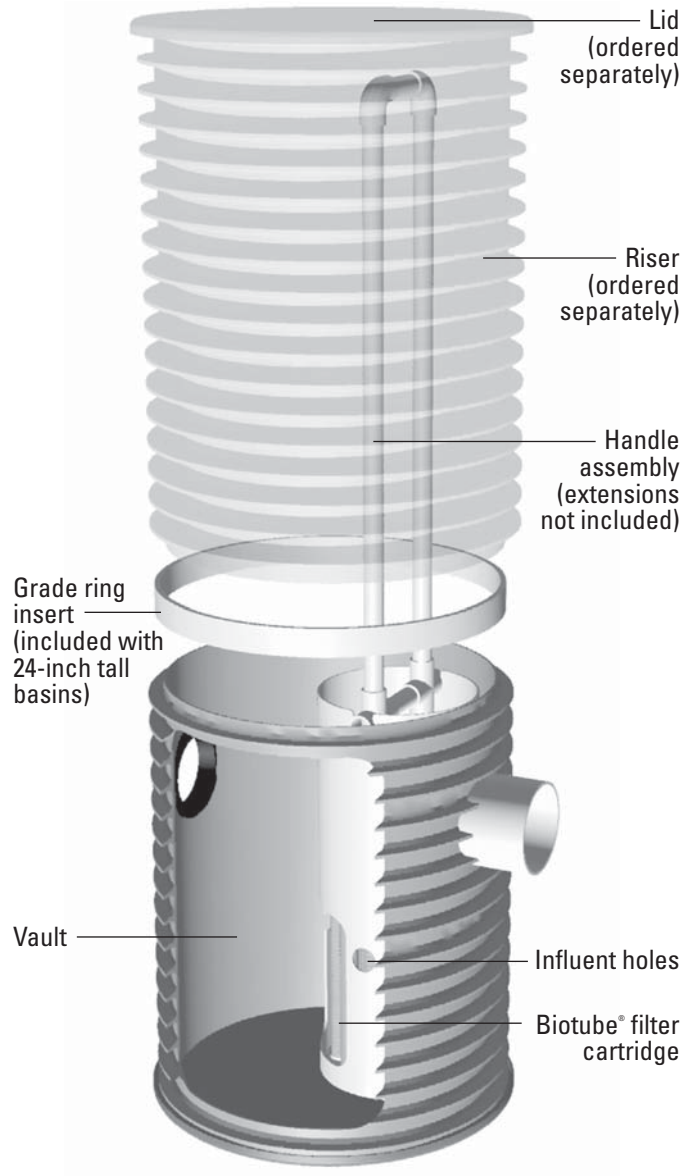
Model Codes for Ordering

18-in. External Effluent Filter Basin

FTB 18 24 - 08 12



Effluent Filter Basin with Extension to Grade



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