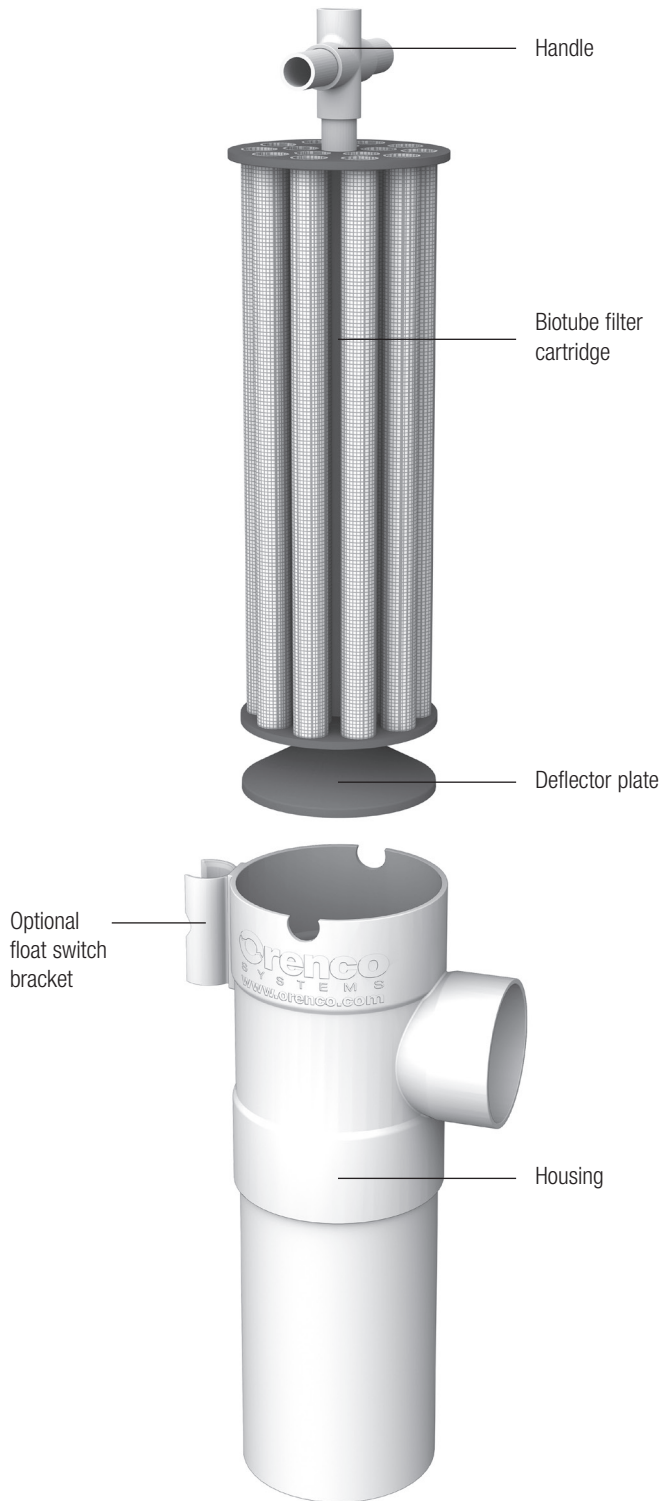


PSC-Series Biotube® Effluent Filters



Orenco PSC-Series Biotube Effluent Filter

Applications

Orenco PSC-Series Biotube Effluent Filters are designed to remove solids from effluent leaving wastewater tanks.

General

Orenco's patent-pending PSC-Series Biotube Effluent Filters are used to improve the quality of effluent from wastewater tanks. Improved effluent quality extends drainfield life in onsite dispersal systems and improves the performance of downstream treatment in effluent sewers.

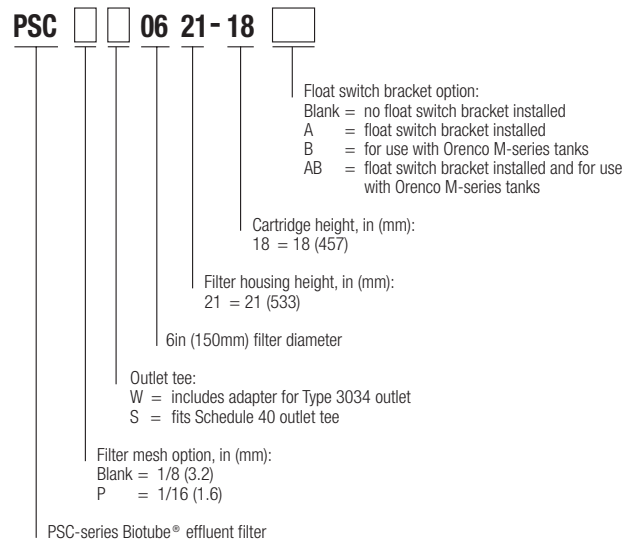
The Biotube filter cartridge fits tightly in the housing while being easy to remove for maintenance. The passively self-cleaning design extends maintenance cycle intervals. Filter mesh is available in 1/8in or 1/16in (3.2mm or 1.6mm) mesh opening sizes.

The handle can be extended with PVC pipe (not included) for better access to the cartridge. A 3/4in (19mm) diameter tee handle is included. Models PSCS0621-18 and PSCW0621-18 are NSF 46 certified.

Standard Models

PSCS0621-18, PSCW0621-18, PSCPS0621-18, PSCPW0621-18

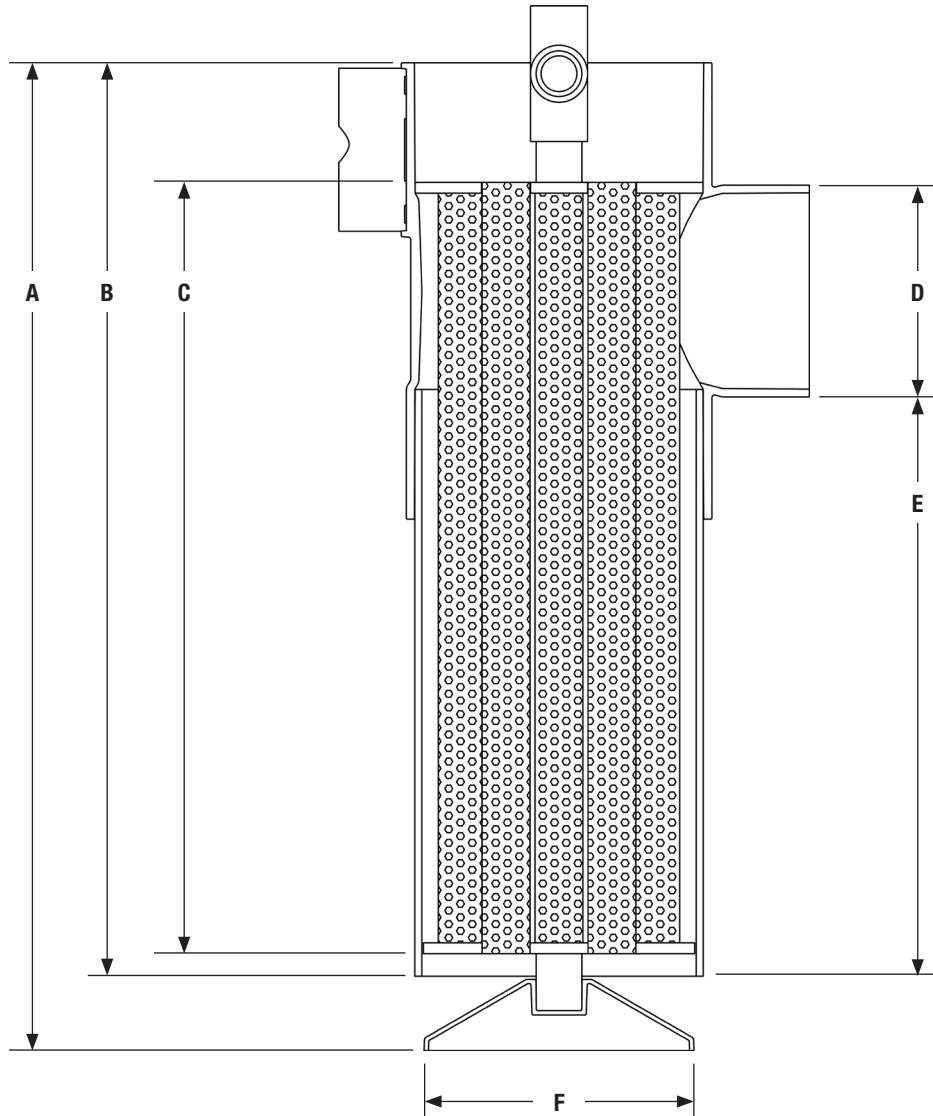
Product Code Diagram



Materials of Construction

Housing	PVC, ABS
Biotube filter cartridge	Polypropylene, DCPD
Handle components	PVC, stainless steel
Deflector plate	ABS

All product and performance assertions are based on proper design, installation, operation, and maintenance according to Orenco's current published documentation.



Specifications

Model	PSCS0621-18	PSCPS0621-18
A. Overall height, in (mm)	22.7 (577)	22.7 (577)
B. Housing height, in (mm)	21.0 (533)	21.0 (533)
C. Cartridge height, in (mm)	17.75 (451)	17.75 (451)
D. Outlet pipe diameter, in (mm)	4.5 (114)	4.5 (114)
E. Outlet height to invert, in (mm)	13.5 (343)	13.5 (343)
F. Deflector plate diameter, in (mm)	6.63 (168)	6.63 (168)
Mesh size, in (mm)	1/8 (3.2)	1/16 (1.6)
Filter surface area, ft ² (m ²)*	6.3 (0.59)	6.3 (0.59)
Flow area, ft ² (m ²)**	1.9 (0.18)	1.9 (0.18)

* Filter area is defined as the total surface area of all individual Biotubes within the filter cartridge.

** Flow area is defined as the total open area (or area of the mesh openings) of all the individual Biotubes within the filter cartridge.