PTE
EFFLUENT FILTER

SOLUTIONS
- RESIDENTIAL
- COMMERCIAL
- COMMUNITY

NSF® Standard 46

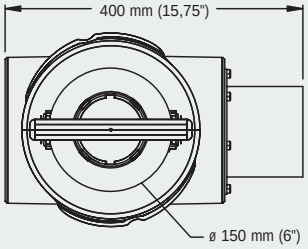
Premier Tech Environment (PTE) has developed a complete line of decentralized wastewater treatment products and services. Its **PTE EFT-080 Effluent Filter** is the first effluent filter to combine the principles of lamellar settling and physical filtration. This innovative solution guarantees superior treatment levels to protect your septic installation.

ADVANTAGES

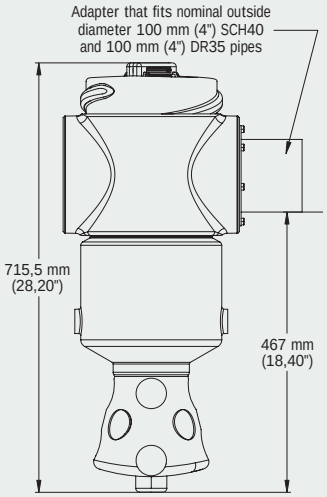
- Robust and resistant
- Low-cost solution
- Longer life of any soil absorption system
- Higher treatment levels to protect the environment
- Quick and easy installation
- Simple maintenance

Premier Tech Environment

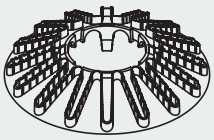
TOP VIEW

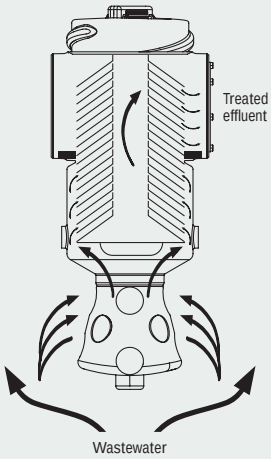


SIDE VIEW



FILTERING PLATE





DESCRIPTION

Although the main purpose of a septic tank is to remove solids from the sewage, liquid effluent from the tank always contains a substantial amount of fine suspended particles. PTE Effluent Filter reduces the suspended solids content of tank effluent and thereby prevents premature clogging of the soil absorption system. The PTE Effluent Filter is both a filtering element and a safety device that is suitable for all types of septic installation.

FEATURES

- Polyethylene and PVC construction
- PVC adapter that fits 100 mm (4") ø DR35 and 100 mm (4") ø SCH40 pipes
- Total filtration area: 1,200 cm^2 (185 sq. in.)
- Filtering cartridge with 1.6 mm (1/16") filtration slots
- Total linear filtration: 75.5 m (248')
- Total inlet orifice area: 270 cm^2 (42 sq. in.)
- Handles a maximum flow rate of 10 000 l/d (2640 US gal/d)

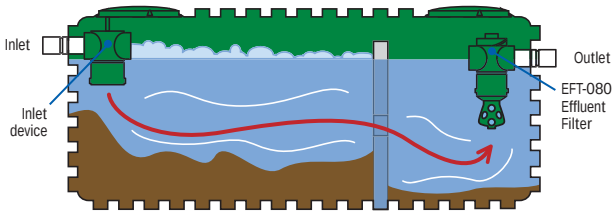
OPERATING PRINCIPLE

The process is simple: wastewater entering the septic tank flows through the filtering cartridge of the PTE Effluent Filter, whose filtration slots of 1.6 mm (1/16") retain the fraction of suspended solids that would otherwise be released to the septic system. The PTE Effluent Filter offers a simple, economical and preventive solution for extending the life and ensuring optimum performance of soil absorption systems.

INSTALLATION

- The PTE Effluent Filter is generally installed inside the second chamber outlet of the septic tank (concrete or plastic), but can also be installed in a PTE TLF-240 Filter Container immediately downstream from the tank
- For heavier wastewater flow applications, multiple filters can be installed in parallel, in which case the access openings must be large enough to allow safe and easy maintenance
- Each filter should be supported by a piece of 25 mm (1") PVC pipe section which leans against the tank wall in which it is installed

2 POSSIBLE INSTALLATIONS FOR THE PTE EFT-080 EFFLUENT FILTER



EFT-080 Effluent Filter in a septic tank

EFT-080 Effluent Filter in a Filter Container

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Premier Tech Environment (PTE) is a business unit of Premier Tech, a company with over 80 years of experience and more than 1,600 team members, of which 175 work for PTE.

Internationally renowned in America, Europe and Asia, PTE operates in the field of decentralized wastewater treatment for the residential, commercial, community, municipal and industrial sectors. With more than 30,000 systems installed and maintained, PTE is considered a reference in its field through its innovative approach and its superior technologies commercialized for the last 30 years.