

# PTE

## FLOW DIVIDERS



### SOLUTIONS

- RESIDENTIAL
- COMMERCIAL
- COMMUNITY

Premier Tech Environment (PTE) has developed a complete line of decentralized wastewater treatment products and services. The PFS-200R and PFS-300R and PFS-200C to PFS-1000C PTE Flow Dividers can be used in any type of septic installation requiring distribution of wastewater (after a primary treatment). Note that PTE also offers a gravity flow divider for the installation of 2 Ecoflo® Biofilters in the residential sector.

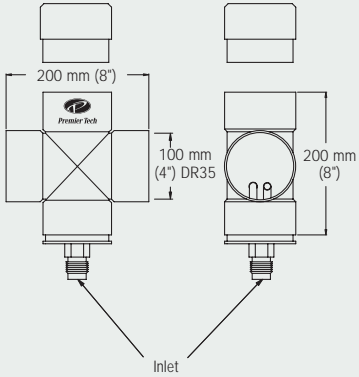
### ADVANTAGES

- Division of effluent flow into equal portions
- Low-cost solution
- Quick and easy installation
- Easy access components
- Virtually maintenance free

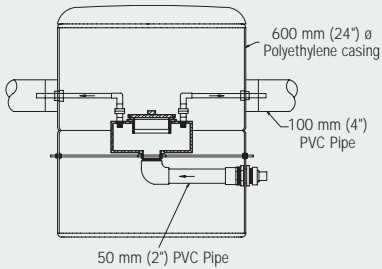


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Environment

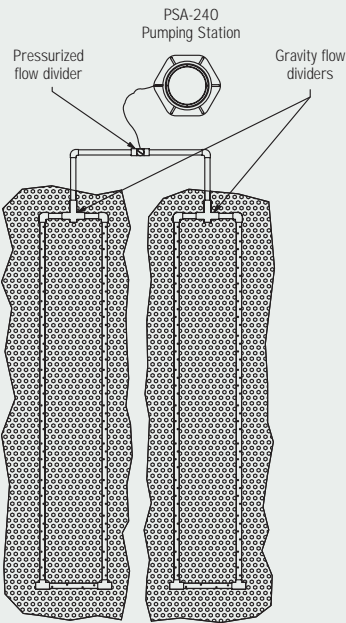
## PFS-200R AND 300R



## PFS-200C TO 1000C



## DRAINFIELD



## DESCRIPTION

**PFS-200R** and **PFS-300R** for the residential applications and **PFS-200C** to **PFS-1000C** for the commercial and communal applications **PTE Flow Dividers** divide a pumped effluent flow into equal portions, according to installation needs. They enable cluster installation of several Ecoflo® Biofilters in high wastewater flow applications. They can also be used for conventional drainfields or any other treatment system.

## FEATURES

- PVC and polyethylene plastic construction
- Operation pressure: 0.7 m of water (1 psi) minimum and 2.8 m of water (4 psi) maximum

### PFS-200R and PFS-300R PTE Flow Dividers

- Flow discrepancy of less than 10%
- Fits flexible inlet pipe of 38 mm (1.5") diameter
- PVC outlet pipe of 100 mm (4") ø

### PFS-200C and PFS-1000C PTE Flow Dividers

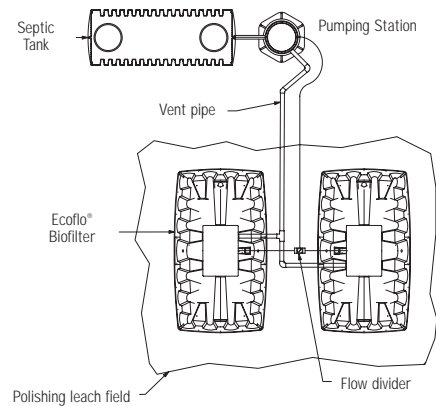
- Flow discrepancy of less than 10%
- Contained in 600 mm (24") polyethylene casing
- Fits flexible inlet pipe of 50 mm (2") diameter
- PVC outlet pipe of 100 mm (4") ø DR35

## OPERATING PRINCIPLE

The unit divides the effluent flow using pressure generated by the pump and then distributes the effluent to the treatment units through gravity flow pipes. This way, the length of the piping systems is irrelevant. The distribution chamber of the flow divider and the supply line must get completely emptied between each dose. If the installation design does not enable this, then measures must be taken to protect the system from freezing.

## INSTALLATION

- Installation requires nothing more than connecting the outlet end of the pumping station to the inlet of the flow divider.
- Gravity outlets are connected to 100 mm (4") PVC pipes that are connected directly to Ecoflo® Biofilters or any soil absorption system.
- The casing lid must be accessible at all times to enable annual inspection and maintenance of the system (or as needed).



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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.

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