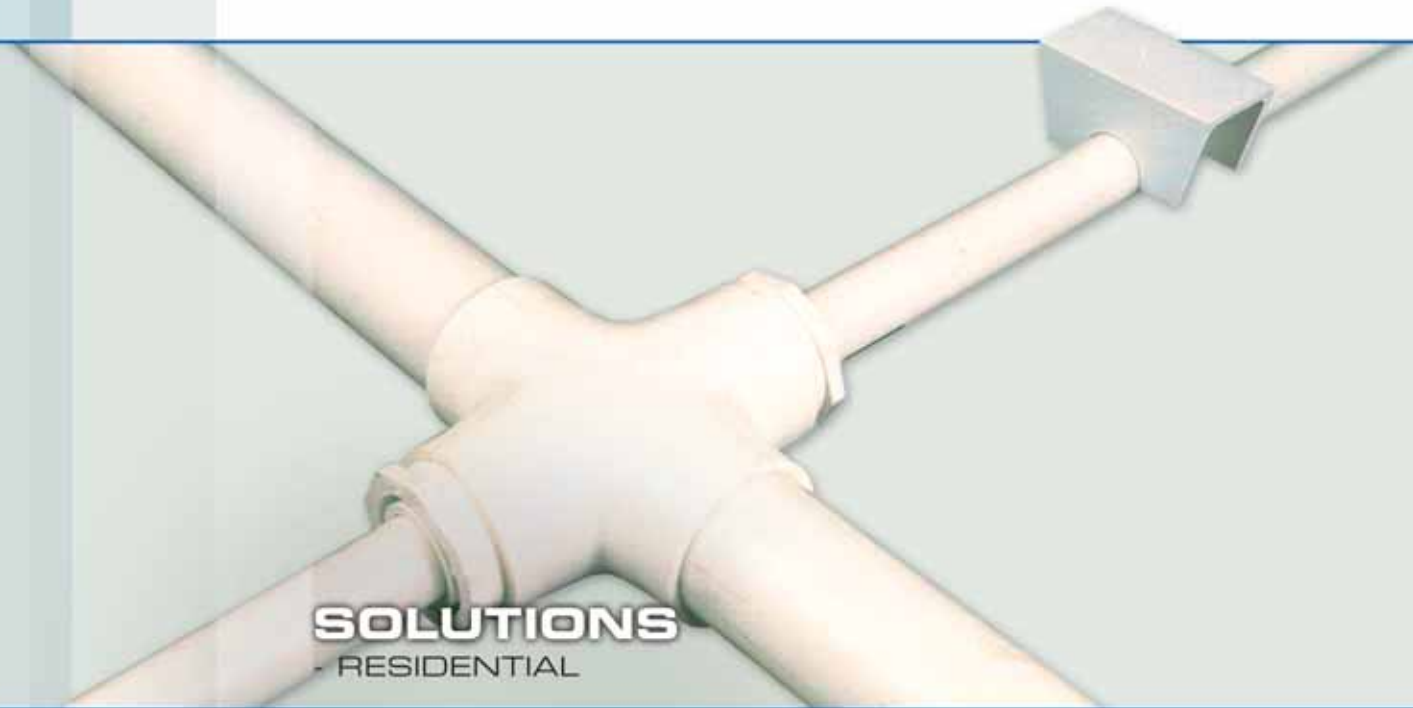


PTE

LOW PRESSURE DISTRIBUTION SYSTEMS



Premier Tech Environment (PTE) has developed a complete line of decentralized wastewater treatment products and services. Its modular PTE Low Pressure Distribution System comes in 3 different models LPD-200, LPD-300 and LPD-400, with orifice shields to prevent intrusion of stones, premature clogging and allow a better distribution of wastewater.

ADVANTAGES

- Complete, preconfigured distribution system
- Preassembled piping units with factory-drilled orifices
- Quality of flow distribution higher than regulation requirements
- Quick and easy installation
- Maintenance free
- Gauged pumping station included



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DESCRIPTION

The **PTE Low Pressure Distribution System** allows even distribution of septic tank effluent or a tertiary treatment system effluent towards a drainfield, a seepage bed, a sand filter (aboveground or standard) or a polishing field. The system includes a **PSA-240H PTE Pumping Station** and a number of low pressure distribution pipe units (the number depends on the daily wastewater flow, the number of bedrooms and the type of leaching system).

FEATURES

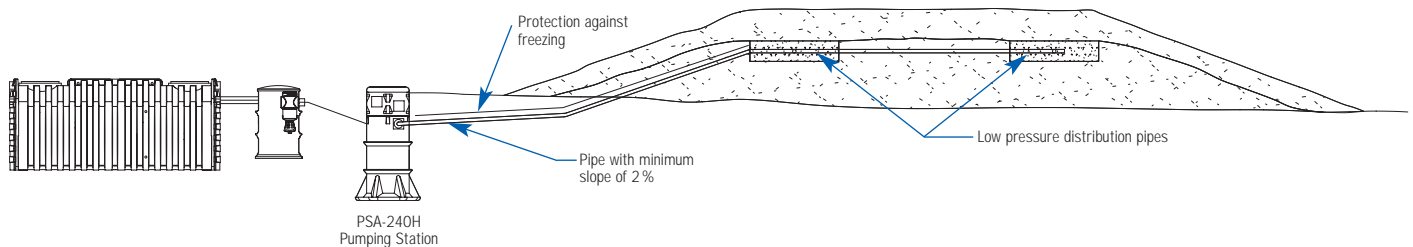
- System includes perforated pipes and a **PSA-240H PTE Pumping Station**
- Ten 4.8 mm ($\frac{3}{16}$ ") orifices per unit, 1.2 m (48") apart
- Orifice shields connected on perforated pipes
- 50 mm (2") main pipe in PVC SCH 40
- 25 mm (1") distribution pipes in PVC SCH 40
- Pressure head at orifices between 0.9 and 2 m (36" and 80")
- Access pipes at each end of distribution pipes for easy cleaning

OPERATING PRINCIPLE

To prevent undesirable septic tank effluent particles from entering the distribution pipes, a **PTE Effluent Filter** must be installed in the septic tank or in a separate **PTE Filter Container**. Septic tank effluent flows into the **PTE Pumping Station**, from where it is delivered to the **PTE Low Pressure Distribution System** (controlled doses, wastewater flow, pressure head at orifices, etc.). This pumping station model is especially designed to ensure even distribution of effluent over the filter bed (seepage bed, aboveground or standard sand filter).

INSTALLATION

- System configuration must comply with local regulations.
- The number of units required depends on the number of bedrooms in the dwelling, the type of treatment and the type of soil absorption system (sand filter, seepage bed).
- The **PTE Low Pressure Distribution System** should be installed with an effluent filter at the septic tank outlet or in a separate filter container such as the **PTE 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.

The information contained in this document is based upon the latest information available at the time of publication and is designed to provide you with a general introduction to our products. We make no warranties or representations as to its accuracy. We are continually updating and improving our products and reserve the right to amend, discontinue or alter or change specifications and prices without prior notice.

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