

# PTE

## PUMPING STATIONS



**SOLUTIONS**  
- RESIDENTIAL  
- COMMERCIAL

Premier Tech Environment (PTE) has developed a complete line of decentralized wastewater treatment products and services. Its PSA-240, PSA-240L and PSA-240H PTE Pumping Station models are pre-assembled and ready to plug-in. These models are available for different types of applications. Their one-piece, polyethylene construction ensures the units are watertight, eliminating the risk of seepage and infiltration.

### ADVANTAGES

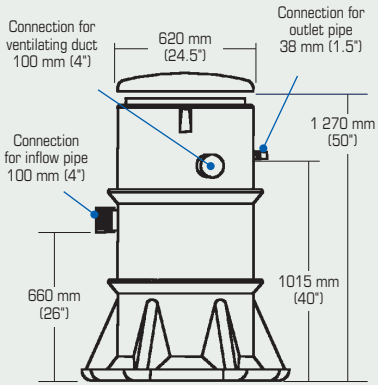
- Preassembled and ready to plug-in
- Lightweight, robust and durable construction
- Easy access to internal components
- Easy and secure access
- Unmatched after-sales service



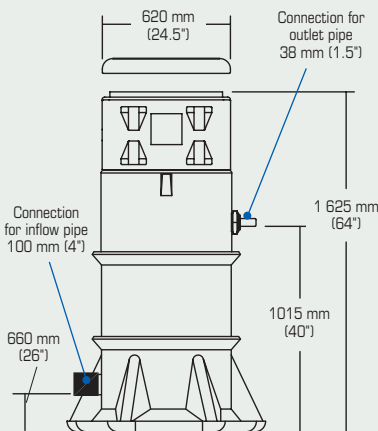
**Premier Tech**  
Environment

## PROFILE VIEW

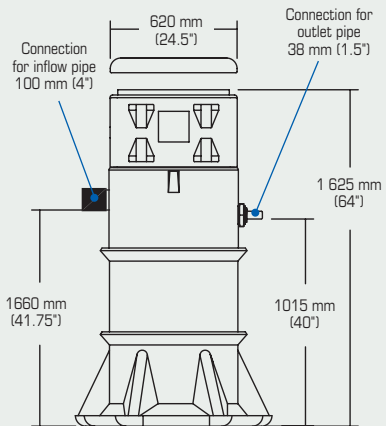
### PSA-240



### PSA-240L



### PSA-240H



# RELIABLE AND RESISTANT PUMPING STATIONS!

## DESCRIPTION

PTE's Pumping Station PSA-240 is engineered to lift wastewater to the Ecoflo® Biofilter or any other type of septic installation. Another model, the PSA-240L, is especially designed to handle treated effluent from the Ecoflo® Biofilter STB-500/650 with Submersible Collecting Bottom. The PSA-240H model is engineered to fit with low pressure distribution system for drain-field.

## OPERATING PRINCIPLE

Installed downstream from the septic tank, the PSA-240 and PSA-240H PTE Pumping Stations send septic tank effluent to the treatment system in controlled doses (adjusted using on/off floats). The PSA-240L model is always installed downstream from the Ecoflo® Biofilter with Submersible Collecting Bottom, as close as possible to the Biofilter. Treated effluent enters the tank, where it can be pumped to either an absorption field or a tertiary treatment unit.

## OPTION

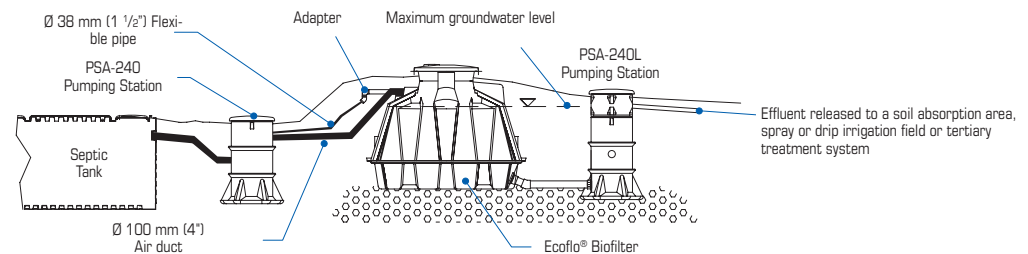
- Tank available without electromechanical components

## FEATURES

- Polyethylene tank construction
- Audio/visual alarm system
- 0.4 Hp effluent pump
- Weight: 50 to 56 kg (110 to 123 lbs) depending on model
- Inlets (water intake and ventilating duct): fits 4" (100 mm) DR35 PVC pipes or SCH-40
- Outlet: fits flexible pipes with 1.5" (38 mm) diameter for the PSA-240 and PSA-240L and fits 2" (50 mm) for the PSA-240H

## INSTALLATION

- The PSA-240 or PSA-240H is connected downstream from the septic tank.
- The PSA-240L is connected to the outlet of the Ecoflo® Biofilter with Submersible Collecting Bottom.
- The PSA-240, PSA-240L or PSA-240H on/off float must be adjusted according to the required dose.
- The ball valve must be adjusted to set pumping time of the PSA-240, PSA-240L and PSA-240H. This setting should be verified before the start-up.
- The junction box is installed outside the tank and off the ground (on a pole) so it is never submerged and allows easy access.



**Premier Tech  
Environment**

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## PREMIER TECH ENVIRONMENT'S STRENGTH

- Over 35,000 installations
- Traceability, inspection and follow-up of each system
- More than 2,500 partners in North America
- Presence in Canada, United States, Europe and Asia
- Team of 25 experts entirely dedicated to IR&D

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, alter or change specifications and prices without prior notice.

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