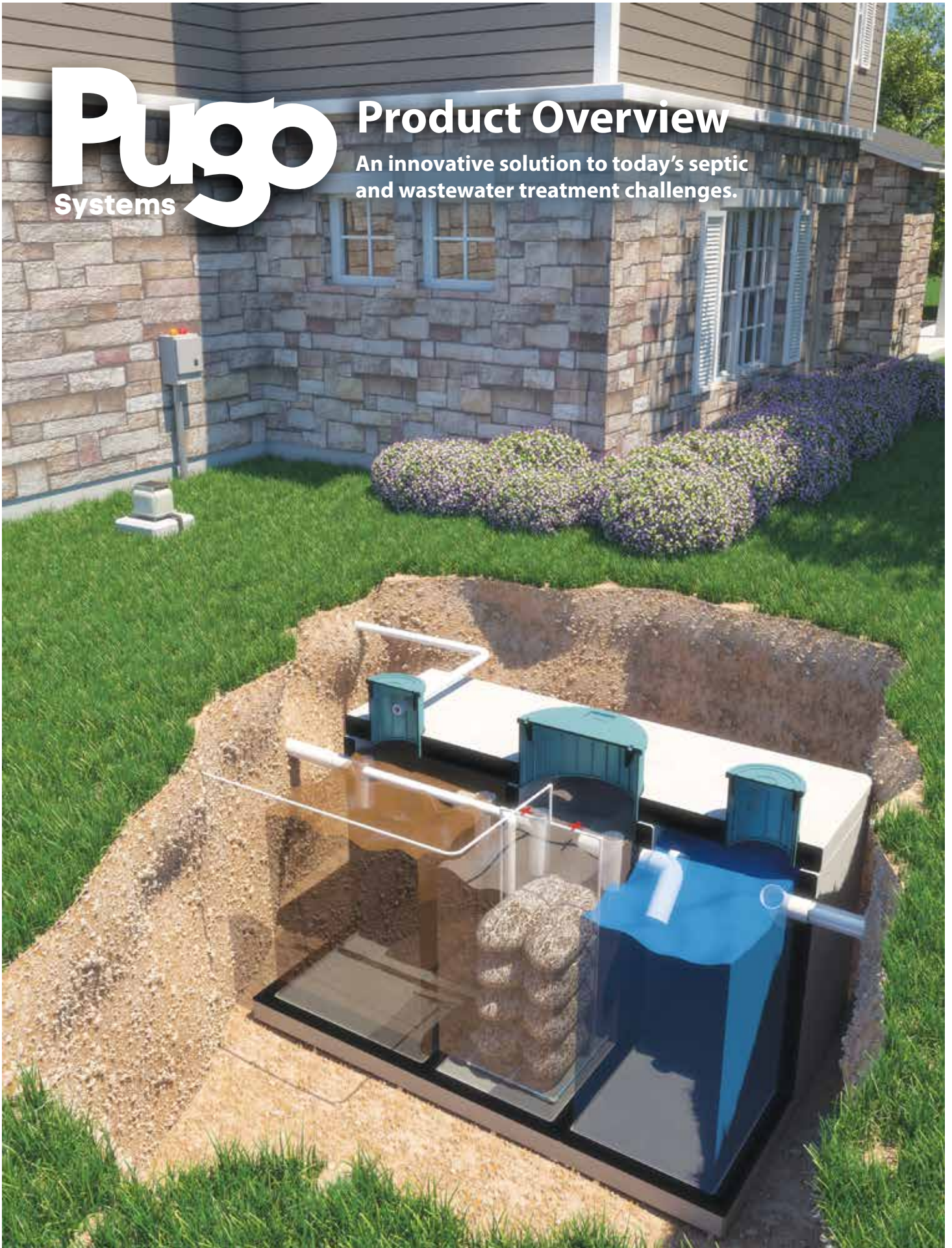


Pugo

Systems

Product Overview

An innovative solution to today's septic and wastewater treatment challenges.





Residential Advanced Onsite Wastewater Treatment System

Pugo Systems* is designed to facilitate the natural biological treatment of wastewater. It removes a high percentage of pollutants (BOD, TSS, and nitrogen) through an aerobic treatment process. Clarified discharge from the system is clean and odorless, and where allowed, can be used for irrigation.

General Specifications

Top seam, 3-chamber, 750 gallon concrete tank

The Pugo System is housed in a 3-chamber, 750 gallon concrete tank. A typical concrete tank has a specific gravity of 2.40 and is more resistant to buoyant forces than tanks constructed of other materials. For example, a high density plastic tank has a comparable specific gravity of 0.97. In shoreline and coastal applications, a concrete tank is a superior holding vessel. In addition, plastic tanks are more susceptible to damage with improper installation or maintenance.

Components

Pugo Systems comes complete and ready to install with all system components, including: gaskets, rubber boots, aerobic media, sanitary tees, PVC piping, needle valves, risers and riser lids.

Certification

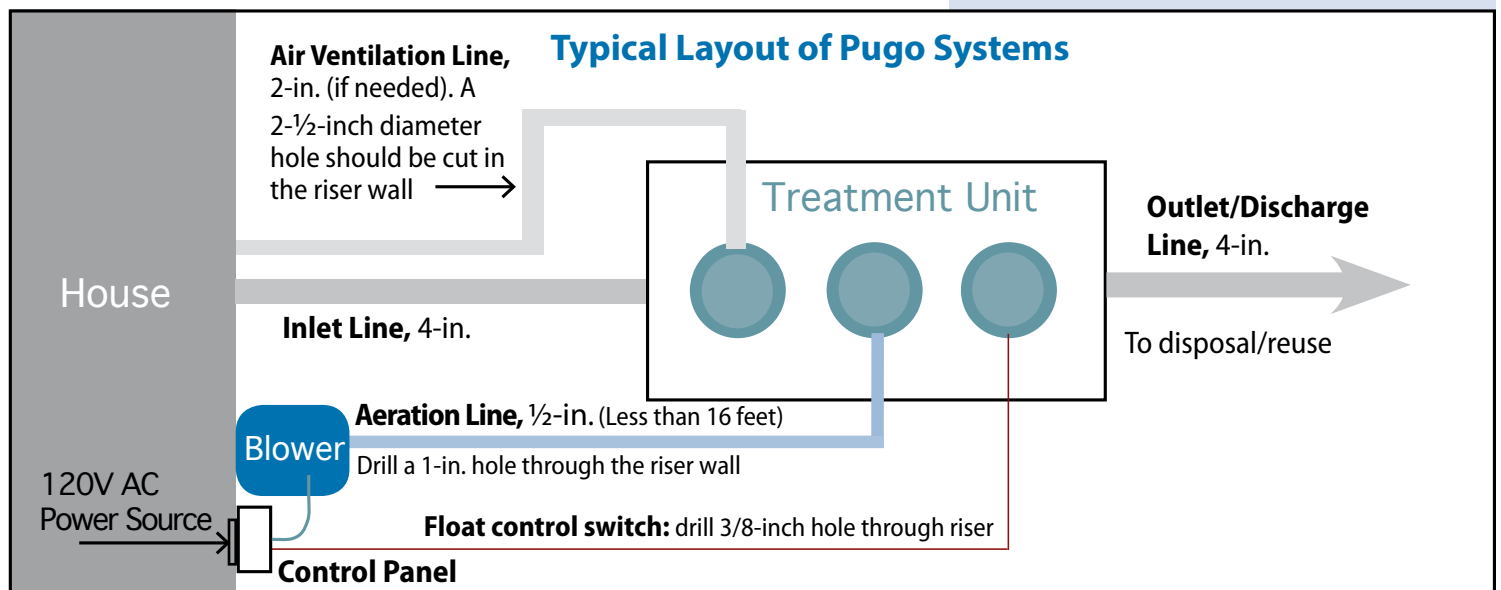


Pugo Systems meets the requirements of NSF/ANSI Standard 245 which defines total nitrogen reduction requirements to meet the growing demand for nutrient reduction in coastal areas and sensitive environments. Pugo Systems meets the requirements of NSF/ANSI 40 corresponding to the designated classification Class I system, achieving a 30-day average effluent quality of 25 mg/L CBOD5 and 30 mg/L TSS or less, and pH 6.0-9.0 NSF/ANSI 40 for a residential wastewater treatment system with rated capacities between 400 and 1,500 gallons (1,514 and 5,678 liters) per day.

For more information, contact: Jennifer Pope, Project Manager at 505-920-4739 or email: jlpope@adelanteconsulting.com.

Features/Specifications

- Affordable and easy to maintain
- Reduces excess nitrogen discharge to groundwater and surface waters from typical household wastewater
- Capable of removing 50% nitrogen as compared to effluent from a standard septic tank.
- Where allowed, effluent can be used for drip irrigation of landscaping
- Ideal for applications near nitrogen-sensitive coastal waters or when soil is unsuitable, or concern exists over possible water supply (well or spring) contamination and freshwater impacts
- System discharges the effluent to an underground leaching system
- Consistent wastewater treatment, even during peak flows
- Enables homeowners to overcome site constraints, and maintain natural landscaping features; designed to be underground
- Risers and manholes to the ground surface provide easy access for routine maintenance.
- Low energy consumption
- Complete package, ready-to-install
- 5 year warranty



Pugo Systems is manufactured for Adelante Consulting, Inc. by Roman Stone Construction Company, Bay Shore, NY and is installed and maintained by Tom Johnson Crane and Excavating, Sayville, NY Patent Pending • PUGO-July 2016-004