



technical datasheet

System Features:

- Treats 125 m³ capacity (33,000 US gal) for up to 500 people
- Systems are pre-wired and plumbed with quick-connects to allow installation & commissioning in one day or less



ZeeWeed® Hollow-Fiber Membranes



newterra
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800.420.4056
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WWT-125

Modular Sewage Treatment System

Newterra is pioneering innovative decentralized potable water solutions that help you reduce project costs with a sustainable treatment approach. Newterra modular systems meet the most stringent regulatory requirements for potable water and wastewater while also providing tremendous flexibility and cost deferment.

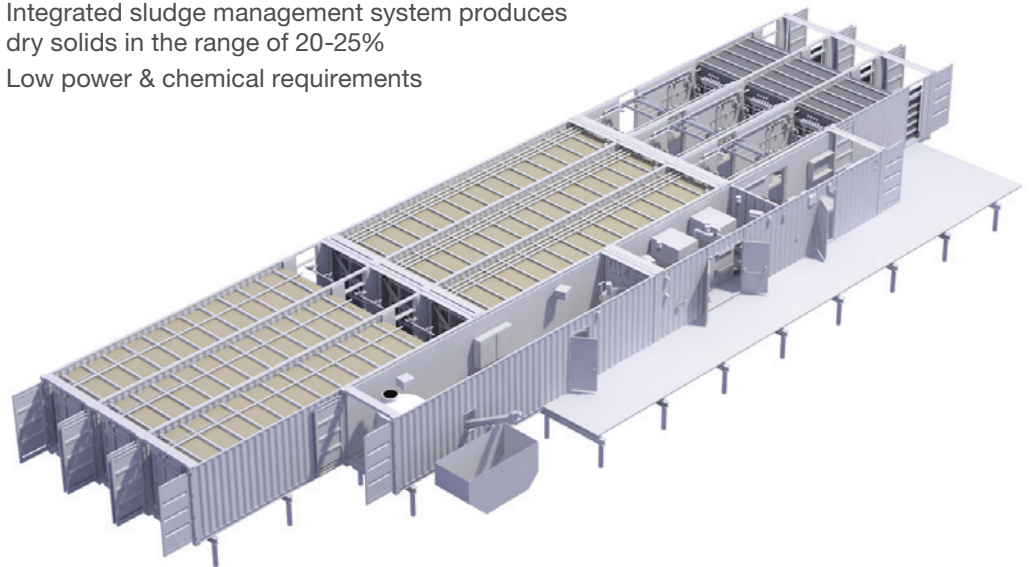
The Newterra WWT-125 is a scalable sewage treatment plant based on 3-container process trains that can each address the requirements of 500 people 125 m³ (33,000 US gal). The advanced, modular system is designed for larger camps with populations ranging from 1,000 to tens of thousands of people. A base system consists of five 40' containers: a Screen/Master Control unit, a three-unit Process train (one Equalization container, one Aeration container, and one Membrane container), and a Sludge Management unit. The Screen/Master Control & Sludge Management units can support up to four Process trains.

The Newterra Solution

Newterra designs and manufactures compact portable systems that can be scaled up in phases as capacity requirements grow, and are prefabricated so they can be rapidly deployed, minimizing cost and on-site construction requirements.

Base Unit Standard Features

- 125 m³ capacity (33,000 US gal)
- Advanced ZeeWeed® hollow-fiber membranes meet the most stringent regulatory requirements for discharge and reuse
- Runs operator-free for a minimum of 7-days
- Integrated spill prevention & containment
- Each train can be independently operated
- Available **newtN**™ advanced telemetry for remote control, monitoring & diagnostic software
- Integrated sludge management system produces dry solids in the range of 20-25%
- Low power & chemical requirements





About Newterra

A Global Water Technology Leader

Newterra® is recognized as a global leader in the development of modular treatment solutions for water, sewage, wastewater and groundwater remediation for industrial, municipal, land development, commercial & residential markets. Our heritage of innovation in providing clean water solutions dates back to 1863. Over that time, Newterra has grown to over 200+ people, and we've installed thousands of treatment systems – some of which operate in the most extreme conditions on the planet.

Full Control from Start to Finish

At Newterra, we take full control of virtually every aspect of the treatment systems we build – from process design and engineering to manufacturing, installation, operations and ongoing parts & service support.

This award-winning approach ensures Newterra treatment systems meet our high standards for quality and on-time delivery.

40+

Professional Engineers

200+

Employees Worldwide

THOUSANDS

of Installations Worldwide

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AIRE-O₂

COCHRANE
stormwaterRx

TIGG
CLEAR[®]

Qua-vac
Vacuflow
EPRO[™]



Brockville, Canada



Trooper, PA



Chaska, MN



Portland, OR



Heber Springs, AR



Oakdale, PA



Venice, FL



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