

AdvanTex[®] RT Treatment Systems

Performs like AdvanTex, Installs like a Tank

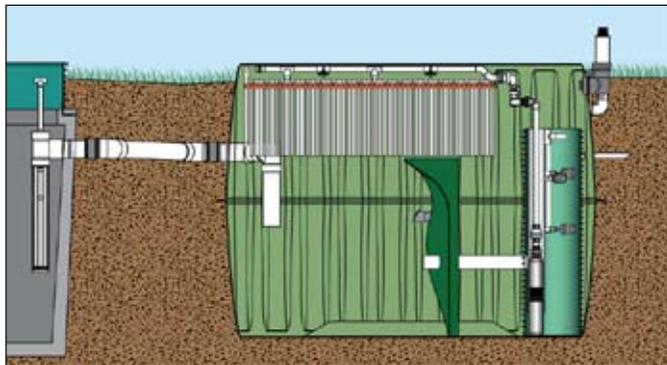
AdvanTex[®]-Quality Treatment, at a Competitive Price

Oreco's AdvanTex RT is a completely pre-packaged "plug & play" wastewater treatment system for household use that installs as easily as a septic tank. Just hook the RT up to a septic tank — and go!

The RT's simple design reduces costs for excavation, installation, and O&M, giving your customers AdvanTex-quality treatment at a very competitive price.

3-in-1, Pre-plumbed System ... or 4-in-1, with UV

The RT incorporates the 1) treatment system, 2) recirculation tank, and 3) discharge system into a single, shallowly-buried unit. Our new RT with UV incorporates disinfection, too, into a 4-in-1 unit. Plus all interior components are pre-plumbed — installed and adjusted at the factory. And all components — including the UV unit — are easily accessible for routine O&M.



AdvanTex[®] RT models are available for 1-6 bedroom homes.

Low Power Costs, Low Maintenance Costs

No blowers. No odors. The RT is passively vented and uses less than \$2/mo in electricity*. And it's easy to maintain with an annual service call. Cleanable filters and media; streamlined, easy-to-clean manifold; 20-year pumps. Your customers will thank you.

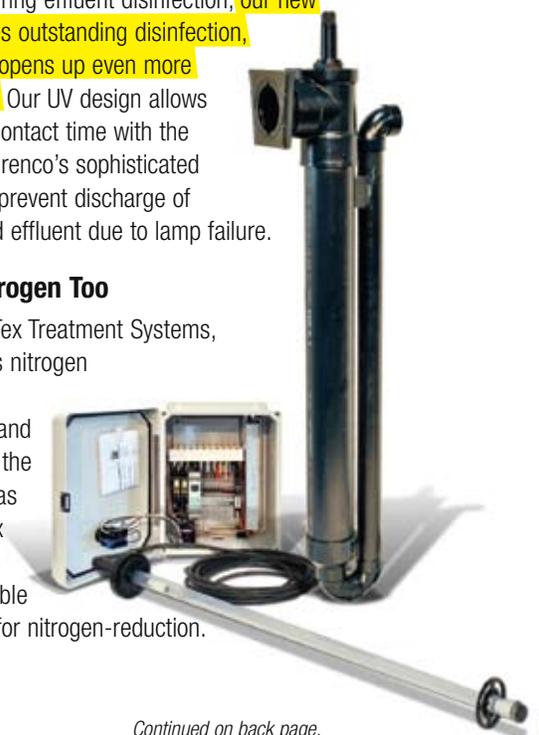
Clear, Odorless, Re-Usable Effluent

The RT is NSF-certified and has undergone stringent field-testing that shows it reliably produces "re-use" quality effluent: BOD₅ and TSS of 10 mg/L or less. So treated effluent can be recycled for subsurface irrigation. The key to the RT's reliable performance is its AdvanTex textile media. Media filters continue to be the most reliable treatment process for small-scale wastewater treatment, including single-family homes. AdvanTex textile is a particularly stable and durable treatment media, and it lasts the life of the system.

For areas requiring effluent disinfection, our new UV unit provides outstanding disinfection, as well, which opens up even more re-use options. Our UV design allows for maximum contact time with the UV bulb. And Oreco's sophisticated control panels prevent discharge of non-disinfected effluent due to lamp failure.

Reduces Nitrogen Too

Like all AdvanTex Treatment Systems, the RT reduces nitrogen by 60-70%. In fact, the Maryland Department of the Environment has rated AdvanTex as tops among all "Best Available Technologies" for nitrogen-reduction.



* Assumes electricity costs of \$0.10 per kWh

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AdvanTex® AX-RT (continued)

Compact Footprint, Shallow-Bury



The RT recirculates, treats, and discharges high quality effluent out of a unit that is only 6 ft (1.8 m) high and a total of 20 sq ft (1.85 m²). And it can be shallowly buried within 4-6 ft (1.2-1.8 m) of a watertight tank. So it's perfect for small sites and sites with clay or rocky soils.

Ideal for New Construction and Repairs

AdvanTex RTs are ideal for new construction, especially where the site requires shallow installation. And they can be used for repairs and retrofits of all kinds, typically taking up a fraction of the space. They are particularly cost-effective when the property has a usable septic tank that can gravity-flow straight to the RT.

Plus, the larger discharge compartment on our new models provides more options for effluent dispersal.

Comes with 24/7 Remote Monitoring

Like all AdvanTex Treatment Systems, the RT comes standard with Orenco's VeriComm® Remote Telemetry Control Panel and Monitoring System for affordable, round-the-clock supervision and control. Non-telemetry controls, including Orenco's MVP digital programmable model, are also available.

Standard Models and Configurations

There is an AX-RT for both gravity and pump discharge and for cold weather applications.

Following is a list of standard models.

- AX20RT-MODE1A
- AX20RT-MODE1B/10
- AX20RT-MODE1B/30
- AX25RT-MODE1A
- AX25RT-MODE1B/10
- AX25RT-MODE1B/30
- AX20RTUV-MODE1A
- AX20RTUV-MODE1B/10
- AX20RTUV-MODE1B/30

Other models are available. See nomenclature below.

Nomenclature

AX RT - MODE - /

Float option:
Blank = mercury floats
MFV = non-mercury floats

Pump discharge options:
10 = 10 gpm (0.6 L/sec) pump
20 = 20 gpm (1.3 L/sec) pump
30 = 30 gpm (1.9 L/sec) pump
50 = 50 gpm (3.2 L/sec) pump

Cold weather option:
Blank = standard
CW = insulated lid

Treatment mode:
1A = mode 1, gravity discharge
1B = mode 1, pump discharge

UV option (AX20-RT only):
Blank = no UV unit
UV = AdvanTex UV disinfection unit

Unit size:
20 = for residences up to 4 bedrooms
25 = for residences up to 6 bedrooms

AdvanTex® Treatment System

Call Orenco at
1-800-348-9843
for an AX20-RT
Design Package or
for the name of your local
AdvanTex Dealer.



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