

# AdvanTex<sup>®</sup> AX-RT Treatment Systems

## Applications

Orenco's AdvanTex<sup>®</sup> AX-RT Treatment System is a single, complete, self-contained module that treats septic tank effluent to better than secondary standards with nitrogen reduction before discharging it by means of pump or gravity. It is ideal for:

- Repairs and retrofits
- Small sites and poor soils
- Sites that require shallow bury



Product image is for illustrative purposes only.

## General

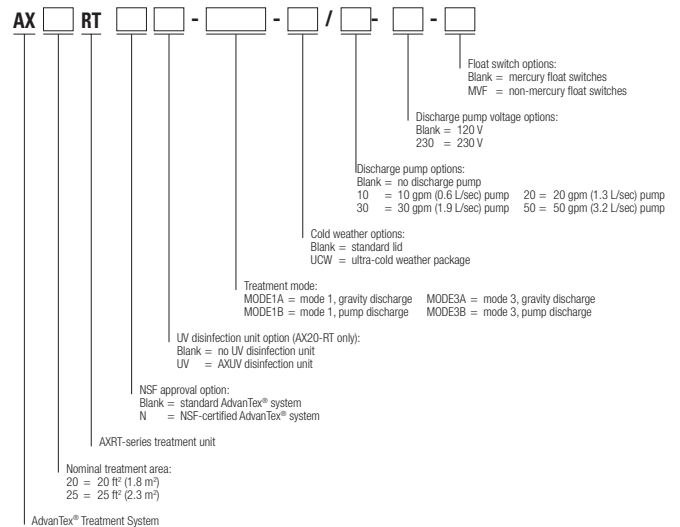
Following a septic tank equipped with a Biotube<sup>®</sup> effluent filter\*, the AdvanTex AX-RT unit eliminates the need for separate recirc, treatment, and discharge tanks by performing all functions within a single module. It also reduces the number of risers and lids needed in the treatment train. For sites requiring antibuoyancy measures, Orenco offers antifloatation kits with turnbuckles.

The heart of the system is the AdvanTex Recirculating Treatment Tank, a sturdy, watertight, corrosion-proof fiberglass tank that includes the same dependable, textile treatment media found in all AdvanTex products.

## Standard Models

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

## Product Code Diagram



AdvanTex<sup>®</sup> Treatment System AX-RTN Models meet the requirements of NSF/ANSI Standard 40 for Class I Systems.



## Components

1. Inlet
2. Recirc/blend chamber
3. Recirc transfer line
4. Recirc pumping system
5. Manifold and spin nozzles
6. Treatment media
7. Tank baffle
8. Recirc return valve
9. Recirc/filtrate chamber
10. Discharge pumping system (pump discharge only)
11. Outlet
12. Splice box
13. Passive air vent
14. Biotube® effluent filter (in septic tank, not shown)
15. Control panel (not shown)

## Specifications

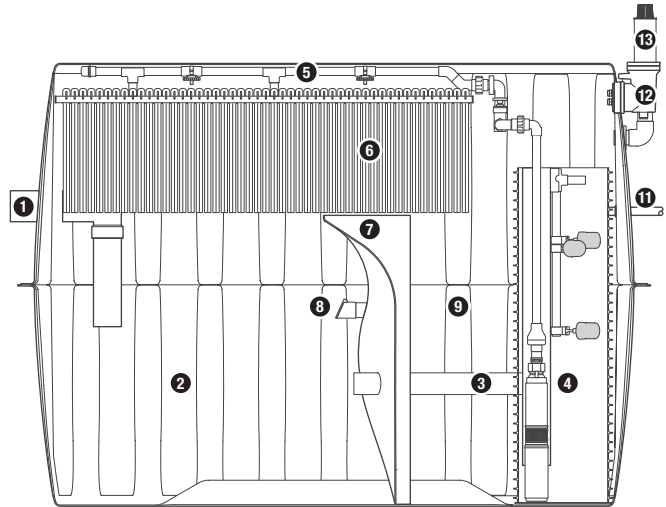
### Nominal Dimensions\*\*

Length, in. (mm)	102 (2591)
Width, in. (mm)	62 (1575)
Height, in. (mm)	72 (1829)
Overall unit footprint, ft <sup>2</sup> (m <sup>2</sup> )	44 (4.11)
Visible footprint after installation, ft <sup>2</sup> (m <sup>2</sup> )	20 (1.86)
Lid insulation value	R-6 (RSI-1.1)

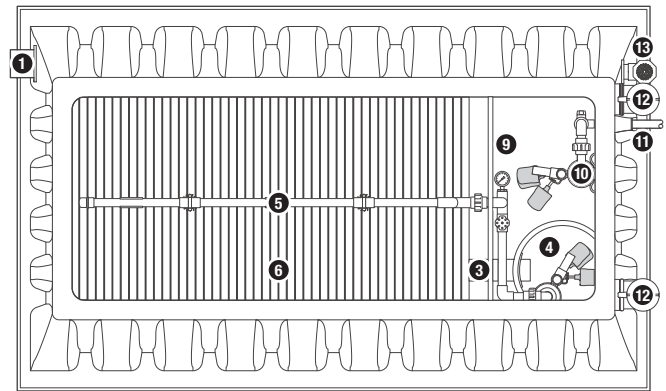
Dry Weight	AX20-RT	AX25-RT
Gravity discharge model, lb (kg)	883 (400)	908 (412)
Pump discharge model, lb (kg)	923 (419)	948 (430)

\* Not to be sold individually in the state of Georgia.

\*\* Nominal values provided. See AdvanTex® Treatment System drawings for exact dimensions.



AdvanTex AX-RT side view (AX20-RT pump discharge model shown)



AdvanTex AX-RT top view (AX20-RT pump discharge model shown)