

# AdvanTex® AX-Max Treatment Systems

## Applications

Orenco's AdvanTex® AX-Max is a complete, fully-plumbed, AdvanTex Wastewater Treatment Plant for residential, commercial, municipal, and mobile applications with medium-to-large-flows and permits requiring secondary treatment or better. It can be used as a stand-alone unit or in multi-unit arrays under adverse conditions in a wide range of environments. The AX-Max is ideal for:

- Small sites and poor soils
- At-grade or above-grade installations
- Mobile and temporary installations
- Disaster response sanitation
- Remote locations
- Extreme hot or cold climates

## General

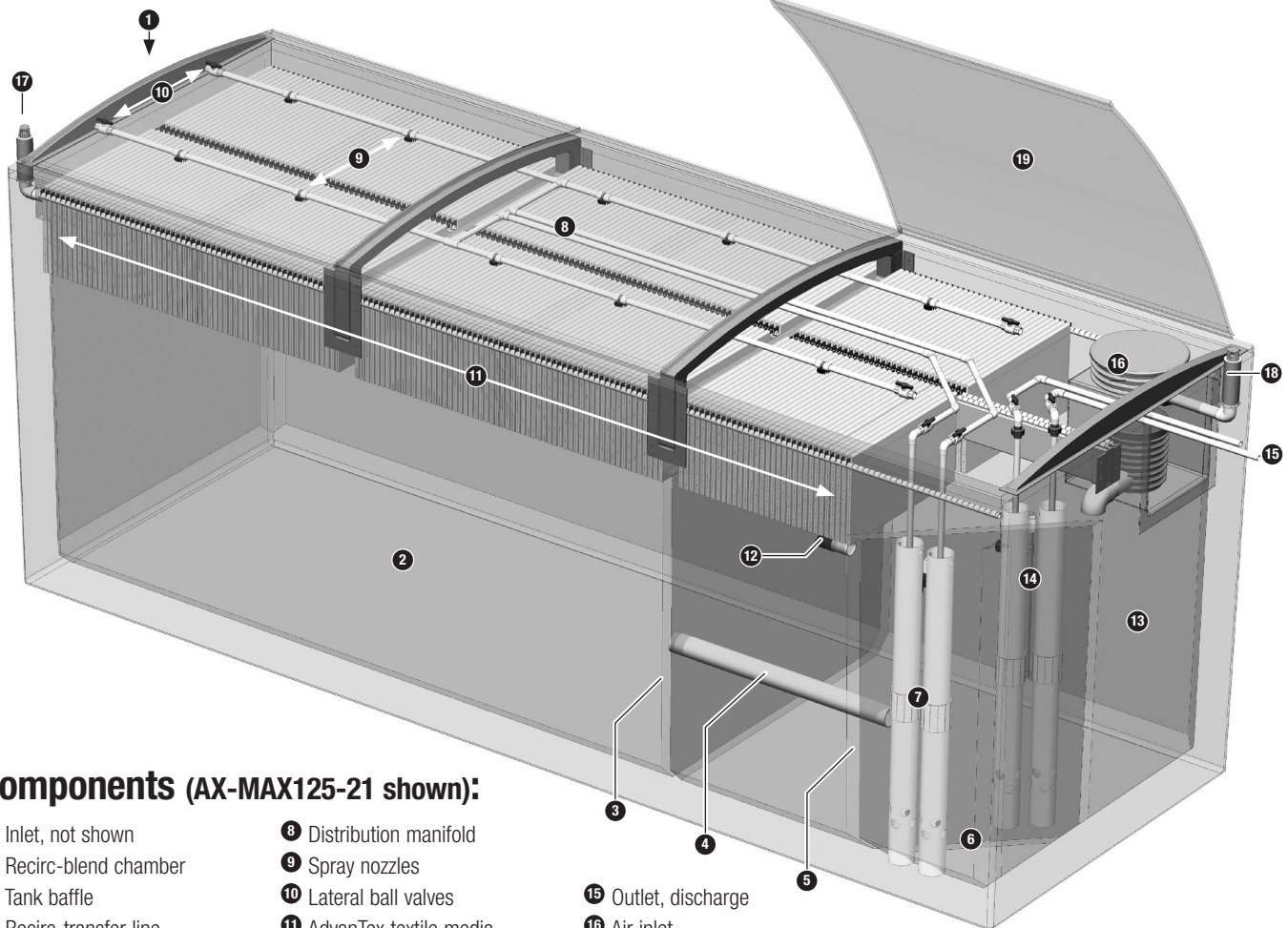
The AX-Max is a modular system that can be preceded by primary treatment or configured to incorporate primary, secondary, and tertiary wastewater treatment before reuse or dispersal.

The heart of the AX-Max 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

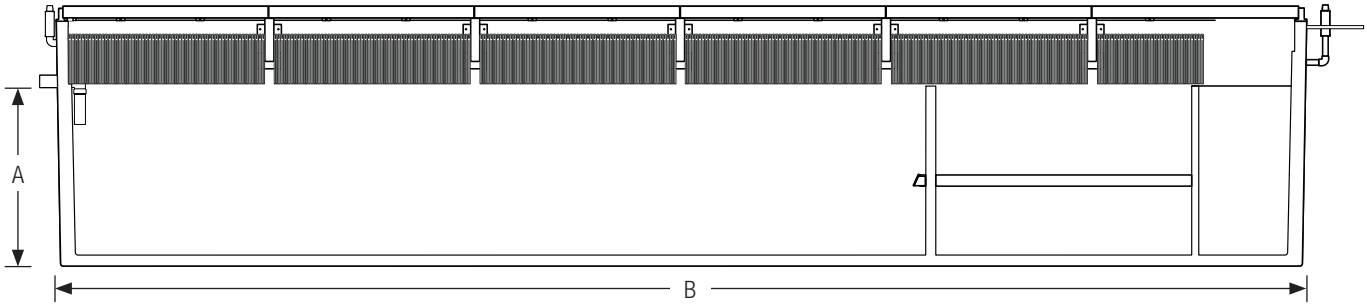
AX-MAX100-14, AX-MAX150-21, AX-MAX200-28, AX-MAX250-35, AX-MAX300-42 (Standard models without pump systems.)

AX-MAX075-14, AX-MAX125-21, AX-MAX175-28, AX-MAX225-35, AX-MAX275-42 (Standard models with pump systems.)

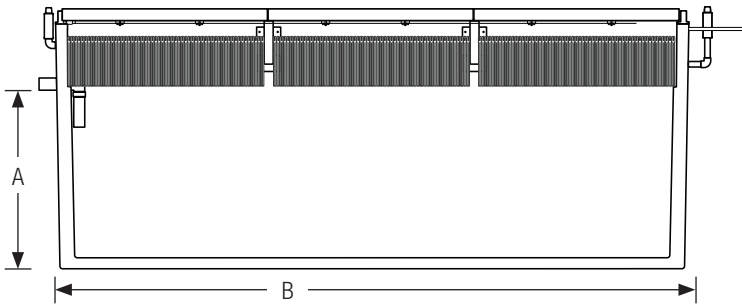


## Components (AX-MAX125-21 shown):

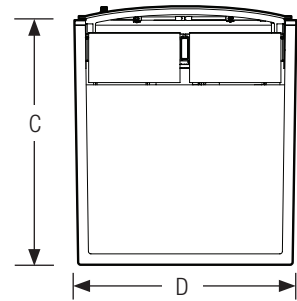
- |                              |                               |                        |
|------------------------------|-------------------------------|------------------------|
| 1 Inlet, not shown           | 8 Distribution manifold       | 15 Outlet, discharge   |
| 2 Recirc-blend chamber       | 9 Spray nozzles               | 16 Air inlet           |
| 3 Tank baffle                | 10 Lateral ball valves        | 17 Vent fan assembly   |
| 4 Recirc-transfer line       | 11 AdvanTex textile media     | 18 Air outlet          |
| 5 Recirc-pump chamber baffle | 12 Recirc-return valve        | 19 Hinged lid, typical |
| 6 Recirc-pump chamber        | 13 Recirc-filtrate chamber    |                        |
| 7 Recirc pumping assembly    | 14 Discharge pumping assembly |                        |



AdvanTex AX-MAX275-42, side view



AdvanTex AX-MAX150-21, side view



AdvanTex AX-MAX, end view (all models)

## Specifications

### Nominal Dimensions\*

Model	AX-MAX100-14	AX-MAX150-21	AX-MAX200-28	AX-MAX250-35	AX-MAX300-42
A, ft (m)	variable	variable	variable	variable	variable
B, ft (m)	14.0 (4.2)	21.0 (6.4)	28.0 (8.5)	35.0 (10.7)	42.0 (12.8)
C, ft (m)	7.6 (2.3)	7.6 (2.3)	7.6 (2.3)	7.6 (2.3)	7.6 (2.3)
D, ft (m)	7.5 (2.3)	7.5 (2.3)	7.5 (2.3)	7.5 (2.3)	7.5 (2.3)
Footprint, ft <sup>2</sup> (m <sup>2</sup> )	112.0 (10.4)	168.0 (15.6)	224.0 (20.8)	280.0 (26.0)	336.0 (31.2)
Model	AX-MAX075-14	AX-MAX125-21	AX-MAX175-28	AX-MAX225-35	AX-MAX275-42
A, ft (m)	5.7 (1.7)	5.7 (1.7)	5.7 (1.7)	5.7 (1.7)	5.7 (1.7)
B, ft (m)	14.0 (4.2)	21.0 (6.4)	28.0 (8.5)	35.0 (10.7)	42.0 (12.8)
C, ft (m)	7.6 (2.3)	7.6 (2.3)	7.6 (2.3)	7.6 (2.3)	7.6 (2.3)
D, ft (m)	7.5 (2.3)	7.5 (2.3)	7.5 (2.3)	7.5 (2.3)	7.5 (2.3)
Footprint, ft <sup>2</sup> (m <sup>2</sup> )	112.0 (10.4)	168.0 (15.6)	224.0 (20.8)	280.0 (26.0)	336.0 (31.2)

\*See AdvanTex® AX-Max Treatment System drawings for exact dimensions and specific treatment configurations.