

AdvanTex® AX-MAX Treatment Systems

Applications

Oreco'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
- Sites that require shallow bury
- Mobile and temporary installations
- Disaster response sanitation
- Remote locations
- Extreme hot or cold climates

General

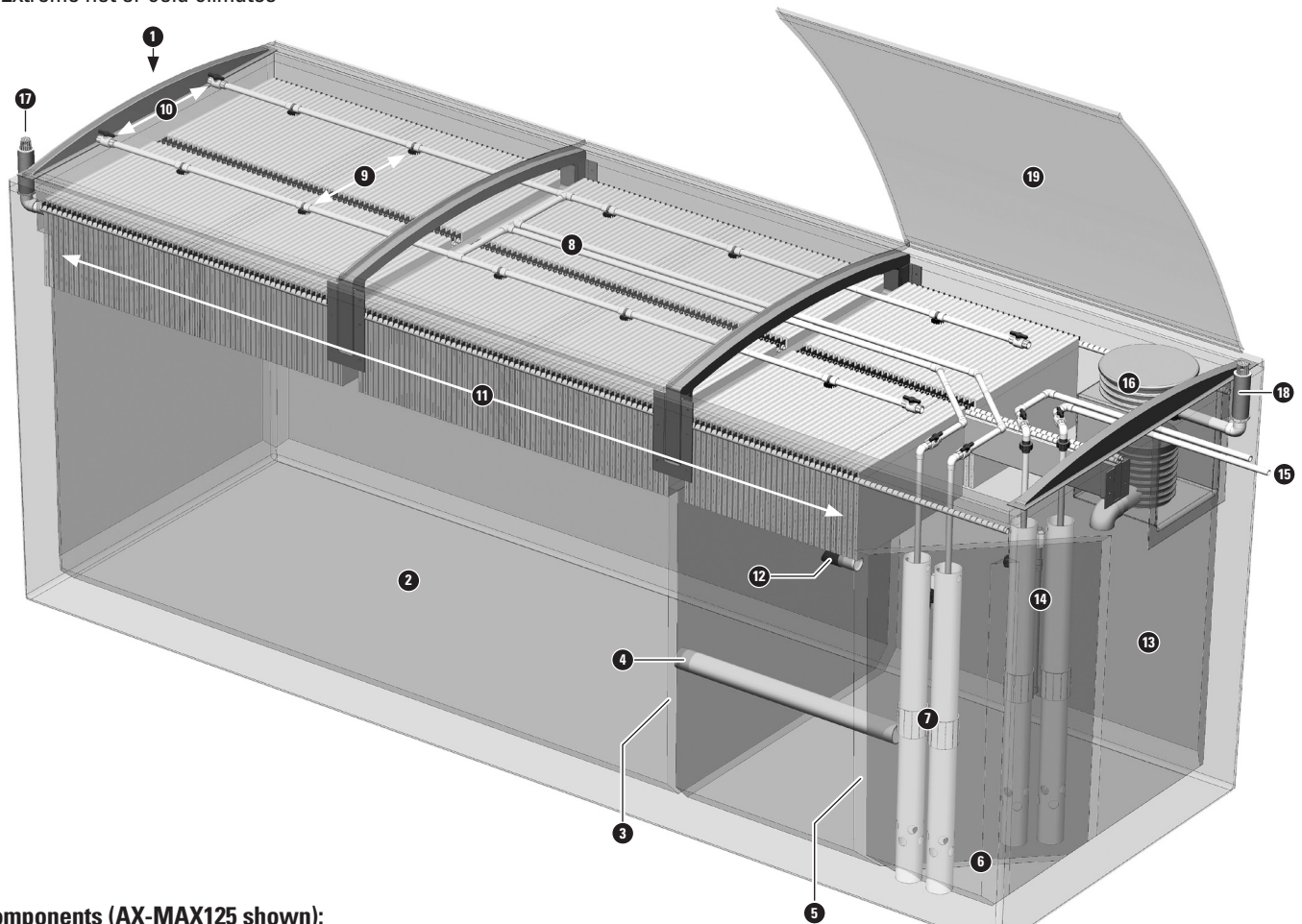
The AX-MAX is a modular system that can be preceded by primary treatment or configured to incorporate primary, secondary, and tertiary wastewater treatment before reuse or dispersal.

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-MAX-250-35, AX-MAX300 (Units without pump systems.)

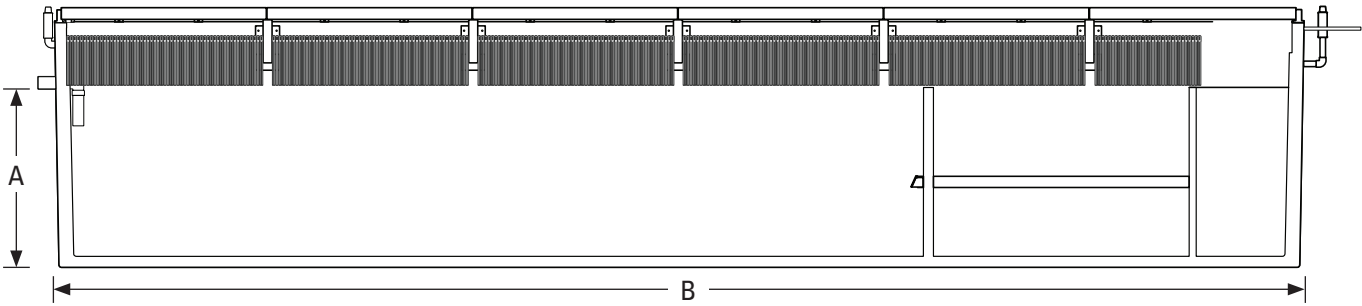
AX-MAX75-14, AX-MAX125-21, AX-MAX175-28, AX-MAX225-35, AX-MAX275-42 (Units with pump systems.)



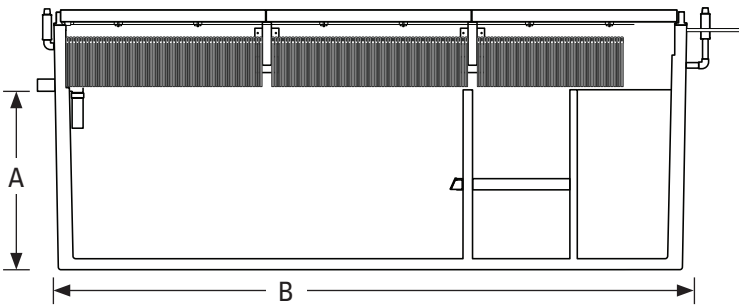
Components (AX-MAX125 shown):

- | | | | |
|-------------------------|-------------------------|----------------------------|---------------------|
| ① Inlet, not shown | ⑥ Pump vault | ⑪ AdvanTex textile filter | ⑯ Vent fan assembly |
| ② Recirc-blend chamber | ⑦ Recirc pumping system | ⑫ Recirc-return valve | ⑰ Air inlet |
| ③ Tank baffle | ⑧ Distribution manifold | ⑬ Recirc-filtrate chamber | ⑱ Air outlet |
| ④ Recirc-crossover pipe | ⑨ Spray nozzles | ⑭ Discharge pumping system | ⑲ Lid, typical |
| ⑤ Pump vault baffle | ⑩ Lateral ball valves | ⑮ Outlet | |

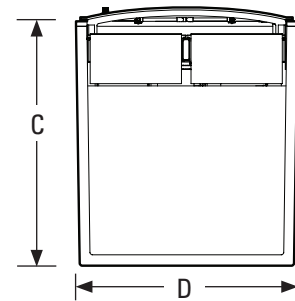
AdvanTex® AX-MAX (continued)



AdvanTex AX-MAX300-42, side view



AdvanTex AX-MAX125-21, side view



AdvanTex AX-MAX, end view (all models)

Specifications

Nominal Dimensions*

Model	AXMAX100-14	AXMAX150-21	AXMAX200-28	AXMAX250-35	AXMAX300-42
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)	14.00 (4.2)	21.00 (6.4)	28.00 (8.5)	35.00 (10.7)	42.0 (12.8)
C, ft (m)	8.0 (2.4)	8.0 (2.4)	8.0 (2.4)	8.0 (2.4)	8.0 (2.4)
D, ft (m)	7.5 (2.3)	7.5 (2.3)	7.5 (2.3)	7.5 (2.3)	7.5 (2.3)
Footprint, ft2 (m2)	112.0 (10.4)	168.0 (15.6)	224.0 (20.8)	280.0 (26.0)	336.0 (31.2)
Model	AXMAX75-14	AXMAX125-21	AXMAX175-28	AXMAX225-35	AXMAX275-42
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)	14.00 (4.2)	21.00 (6.4)	28.00 (8.5)	35.00 (10.7)	42.0 (12.8)
C, ft (m)	8.0 (2.4)	8.0 (2.4)	8.0 (2.4)	8.0 (2.4)	8.0 (2.4)
D, ft (m)	7.5 (2.3)	7.5 (2.3)	7.5 (2.3)	7.5 (2.3)	7.5 (2.3)
Footprint, ft2 (m2)	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.