

R100/R250/R500

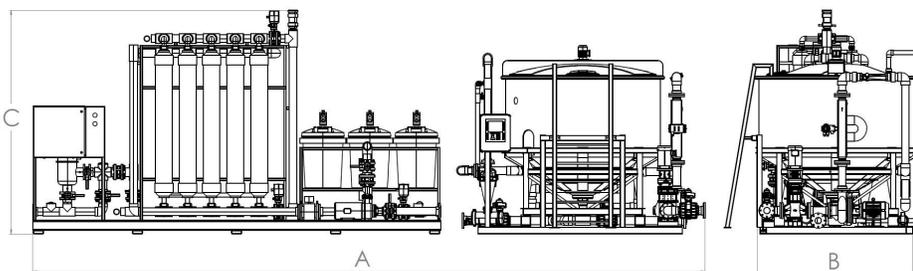
Eco Irrigation Grade Systems

Product Information



R Series

The Eco Irrigation Grade System is a significant improvement over the existing technology in conventional municipal wastewater treatment facilities. The Eco System has lower capital and operating costs, smaller physical footprint, is modular, scalable, can be installed with minimal lead time and produces a higher purity of water than current technology.



Physical Specifications

Model	Maximum Flow Rate	Dimensions (ft)		
		A	B	C
R100	100 GPM	30.97	5.00	10.93
R250	250 GPM	32.97	8.18	10.93
R500	500 GPM	32.97	8.18	10.93

Electrical Specifications

Model	Recommended Standby Generator	Power Requirements		
		Volts	Phases	Hz
R100	150 kW @ 1800 RPM	460	3	60
R250	150 kW @ 1800 RPM	460	3	60
R500	150 kW @ 1800 RPM	460	3	60

Estimated Operating Costs*

Model	Electricity		
	/kgal	/m ³	/day
R100	\$0.0341	\$0.0090	\$4.91
R250	\$0.0183	\$0.0048	\$6.59
R500	\$0.0142	\$0.0038	\$10.23

*Operating Costs are estimations based on cost of electricity per kWh of \$0.10

Features and Benefits

- Lower capital and operating costs
- Lower maintenance and servicing costs
- Smaller physical footprint
- Easily maintained and serviced
- One technician can operate the entire system
- Minimal moving parts for long lasting and reliable components
- The system is modular which can easily be adjusted to changing needs
- The system is scalable where additions to the system can increase capacity immediately
- Minimal lead times since modules are built offsite
- Generates no greenhouse gases
- No foul smells
- No leaks
- Processes wastewater at a fraction of the time
- Water quality is adjustable based on membrane selection

For more information on Eco Irrigation Grade Systems, contact:

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