

# MINI/MAX Absorption System

The MINI/MAX Absorption System encourages recycling of pretreated effluent. It minimizes the footprint and eases access and installation in difficult-to-reach locations.

When integrated with pretreatment, the MINI/MAX Absorption System transforms wastewater into a valuable water resource.

## Why Choose the MINI/MAX Absorption System?

- The narrow plastic trench media are designed for quick and easy installation in locations where space is at a premium.
- MINI/MAX provides subsurface irrigation—supporting trees and shrubs with nutrient rich pretreated effluent.
- 95% open matrix maximizes effluent storage.
- All surfaces release effluent with superior open base that maximizes infiltration.
- Manufactured from >95% recycled plastic.
- High sidewall enhances natural disinfection as documented by testing at a national center.\*

Patent No. 4917536



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\*Learn more at: [www.Eljen.com](http://www.Eljen.com)



## Septic Solutions

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# MINI/MAX...Installation is Simple & Effective!

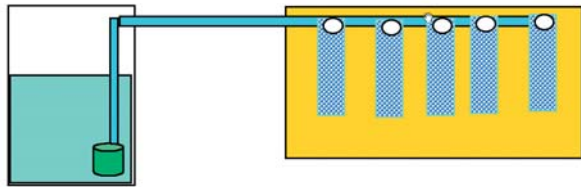
## How Can I Use the MINI/MAX System?

- Accepts gravity and pressure dosed effluent.
- Dosed cluster beds maximize performance in sand fill and mounds.
- Narrow profile maximizes linear loading and reserves the aerobic sidewall for peak flows.
- Serial loading maximizes the use of all surfaces and encourages subsurface irrigation.
- A simple and robust subsurface irrigation system that transforms wastewater into a resource.
- Low profile unit supports dispersion of pretreated effluent in shallow soils.

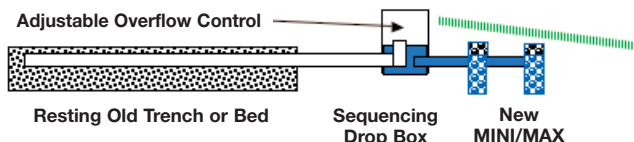
## MINI/MAX Helps Designers Squeeze the Most Capacity into the Smallest Area!

Installation in a cluster bed configuration maximizes infiltration by using all the fill media. The mini-trenches maintain aerobic treatment in the soil and fill and is far superior to a bed design. Using pressure distribution provides intermittently loading of the sidewall and encourages oxygen transfer and superior pathogen removal.

Where space is in short supply Professional Engineers specify pretreatment and the MiniMax. It's simple the most cost effective solution welcomed by homeowners upgrading or replacing the old septic systems.



### Cross Section End View of Expansion System

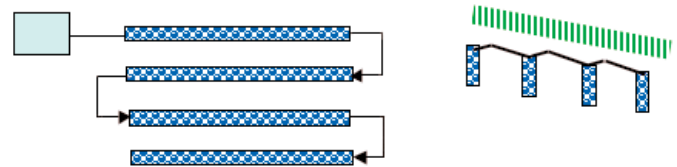


The contractor builds plywood bridges that support the units until backfilling is complete. The bridges are then removed for use on the next job.



MiniMax pressure dosed bed—installing 12 inch high media on 16 inch centers

### Pretreatment with Shallow Serial MINI/MAX Contour System



## MINI/Max Meets Today's New Regulatory Requirements.

- Overcomes new tougher rules that require larger systems with more separation.
- Supports the upgrade of older homes with a compact system that fits on small lots.
- Helps overcome the needs of homes faced with high groundwater.
- Encourages complete use of fill.
- Meets the needs for greater dispersion in upper soil horizons with pre-treated effluent.
- Shallow installation with pretreatment enhances nutrient (phosphorus) and pathogen reduction, giving greater separation to groundwater.
- Avoids hydraulic overload by encouraging long, thin systems.



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