

Mantis™ 536-8

Wastewater Systems

The Revolutionarily Designed Wastewater System

- 11.0 sf/lf effective leaching area rating
- Installations are quick, saving you on equipment and labor costs
- Factory installed distribution pipe, no drilling or cover fabric required
- Smaller system footprint compared to other technologies
- Less site disruption or damage to landscape
- Light weight—hand carry into position
- Made from 96% recycled materials



eijen
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Innovative Environmental Products and Solutions Since 1970

Eljen's Exclusive Mantis Design Provides Increased Surface Treatment Area in Less Space

When your installation requires more performance in less space, the Eljen Mantis Wastewater Leaching System delivers.

The unique design of the Mantis System provides a two-stage Bio-Matt™ pre-treatment process that increases the soil's ability to accept the effluent, resulting in a superior leaching system in a smaller footprint.



MANTIS 536-8 SIMPLIFIED SIZING CHART

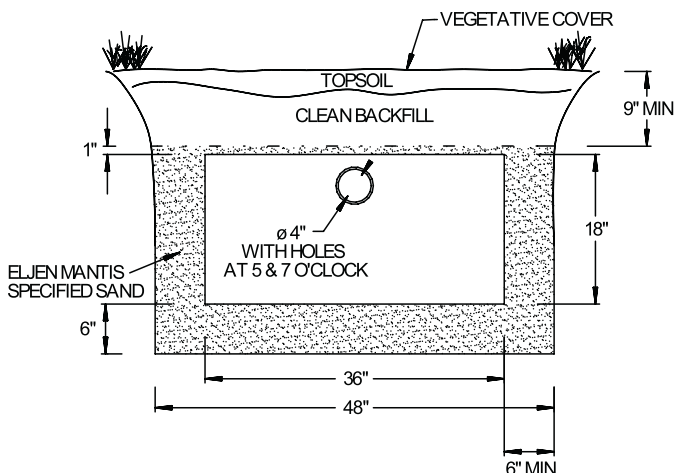
• Gravity and Pressure Dosed Systems • Effective Leaching Area = 11.0 Square Feet/Linear Foot

Percolation Rate	2 Bedrooms		3 Bedrooms		4 Bedrooms		Each Bedroom Above Four			
	Trench Length	Units*	Trench Length	Units*	Trench Length	Units*	Single Family		Multi-Family	
							Trench Length	Units*	Trench Length	Units*
Less Than 10.1	34	7	46	9	61	12	10	2	15	3
10.1–20.0	45	9	66	13	86	17	15	3	25	5
20.1–30.0	51	11	71	14	96	19	15	3	25	5
30.1–45.0	61	13	86	17	111	22	15	3	30	6
45.0–60.0	68	14	91	18	121	24	15	3	30	6
Greater Than 60.0	UNSUITABLE FOR LEACHING SYSTEMS									

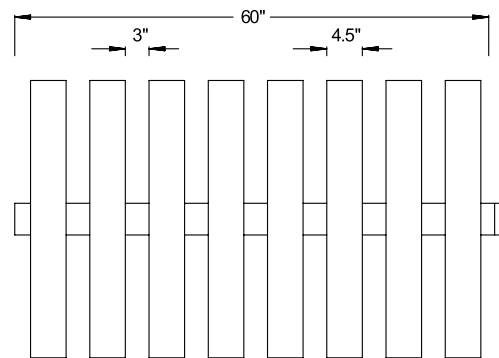
* Partial units are rounded up to the next highest number.

• Sizing charts do not reflect MLSS requirements. • Multiple trench configurations will utilize 12' center-to-center spacing between Mantis rows.

MANTIS 536-8 CROSS SECTION



MANTIS 536-8 PLAN VIEW



MANTIS 536-8 SPECIFICATIONS

- Effective Leaching Area 11.0 sf/lf
- Size (W x L x H) 36" x 60" x 18"
- Invert Height 12"
- Weight 35 Pounds



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