

YardFilter

Wastewater Systems

Eljen YardFilter System Overview



eljen
CORPORATION

Innovative Onsite Products & Solutions Since 1970

[**www.eljen.com**](http://www.eljen.com)

Eljen's Exclusive YardFilter Design Provides Increased Effective Leaching Area in Less Space

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

The unique design of the YardFilter 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.

- 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
- Made from recycled materials in the USA

YardFilter YF33

- 6.7 sf/lf effective leaching area rating
- Low Profile design for shallow installations



YardFilter YF50

- 10.0 sf/lf effective leaching area rating



YardFilter YF53

- 10.7 sf/lf effective leaching area rating
- Low Profile design for shallow installations



YardFilter YF95

- 19.0 sf/lf effective leaching area rating



YardFilter YF33 Minimum Required Units

Effective Leaching Area = 6.7 Square Feet/Linear Foot or 33.5 Square Feet/Unit

Percolation Rate (Minutes to Drop One Inch)	Minimum YardFilter YF33 Units Required					
	1 Bedroom*	2 Bedrooms	3 Bedrooms	4 Bedrooms	For Each Bedroom Over 4	
					Single-Family	Multi-Family
Less Than 10.1	6	12	15	19	5	5
10.1–20.0	8	15	21	26	6	7
20.1–30.0	9	17	23	29	7	8
30.1–45.0	11	21	27	35	8	9
45.1–60.0	12	23	30	38	9	10

YardFilter YF50 Minimum Required Units

Effective Leaching Area = 10.0 Square Feet/Linear Foot or 50 Square Feet/Unit

Percolation Rate (Minutes to Drop One Inch)	Minimum YardFilter YF50 Units Required					
	1 Bedroom*	2 Bedrooms	3 Bedrooms	4 Bedrooms	For Each Bedroom Over 4	
					Single-Family	Multi-Family
Less Than 10.1	4	8	10	13	3	4
10.1–20.0	5	10	14	18	4	5
20.1–30.0	6	12	15	20	5	5

YardFilter YF53 Minimum Required Units

Effective Leaching Area = 10.7 Square Feet/Linear Foot or 53.5 Square Feet/Unit

Percolation Rate (Minutes to Drop One Inch)	Minimum YardFilter YF53 Units Required					
	1 Bedroom*	2 Bedrooms	3 Bedrooms	4 Bedrooms	For Each Bedroom Over 4	
					Single-Family	Multi-Family
Less Than 10.1	4	8	10	12	3	4
10.1–20.0	5	10	13	17	4	5
20.1–30.0	6	11	15	18	4	5

YardFilter YF95 Minimum Required Units

Effective Leaching Area = 19.0 Square Feet/Linear Foot or 95 Square Feet/Unit

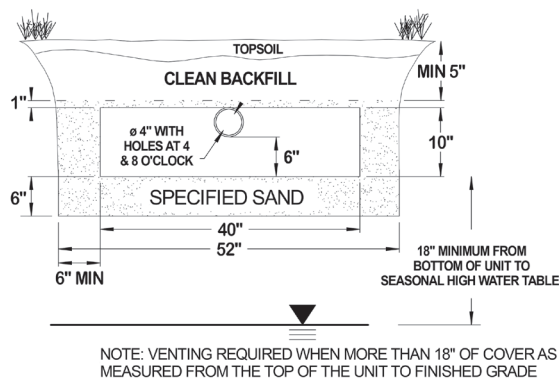
Percolation Rate (Minutes to Drop One Inch)	Minimum YardFilter YF95 Units Required					
	1 Bedroom*	2 Bedrooms	3 Bedrooms	4 Bedrooms	For Each Bedroom Over 4	
					Single-Family	Multi-Family
Less Than 10.1	2	4	6	7	2	2
10.1–20.0	3	6	8	10	2	3
20.1–30.0	3	6	8	11	3	3

NOTES:

- * 1 Bedroom designs are for residential outbuildings on single-family residential building lots.
- CT regulation prohibits leaching products with an ELA ≥ 7.4 sf/lf in soils with percolation rates > 30 mpi.
- Partial units are rounded up to the next highest number. The installation of partial units is prohibited.

- Multi-Family buildings are required to be sized for 1 additional bedroom (e.g. 3 bedrooms would = 4 bedrooms).
- Trenches require 6-inches of Specified Sand at the beginning and end of each row.
- Sizing charts do not reflect MLSS requirements.
- Distribution pipes are not permitted for use on top of the YardFilter units.

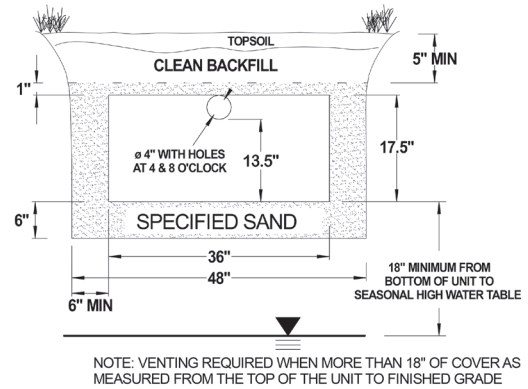
YardFilter YF33 Cross Section



YardFilter YF33 Specifications

- Effective Leaching Area 6.7 sf/lf
- Size (W x L x H) 40" x 60" x 10"
- Invert Height 6"
- Weight 24 Pounds

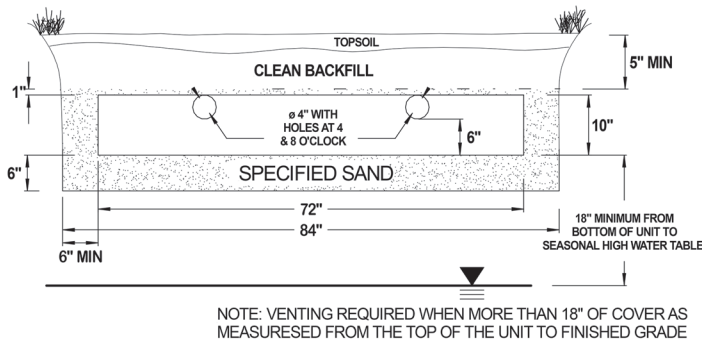
YardFilter YF50 Cross Section



YardFilter YF50 Specifications

- Effective Leaching Area 10.0 sf/lf
- Size (W x L x H) 36" x 60" x 17.5"
- Invert Height 13.5"
- Weight 35 Pounds

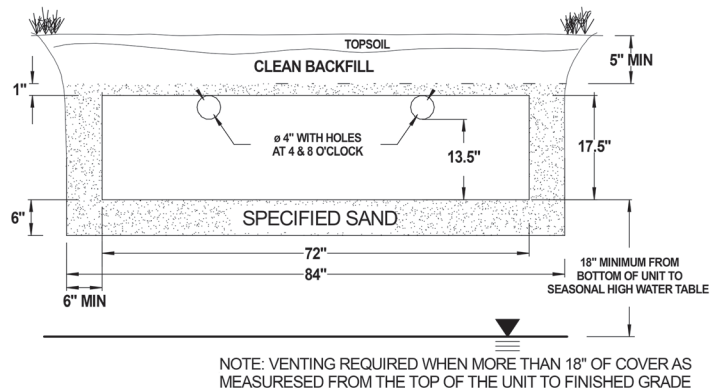
YardFilter YF53 Cross Section



YardFilter YF53 Specifications

- Effective Leaching Area 10.7 sf/lf
- Size (W x L x H) 72" x 60" x 10"
- Invert Height 6"
- Weight 58 Pounds

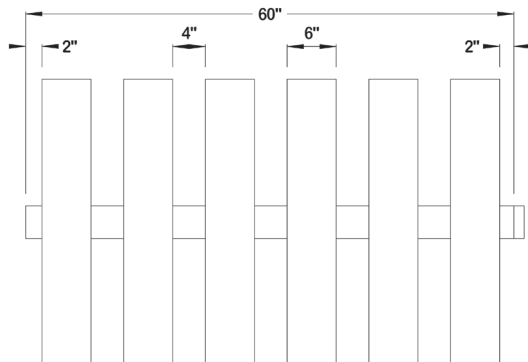
YardFilter YF95 Cross Section



YardFilter YF95 Specifications

- Effective Leaching Area 19.0 sf/lf
- Size (W x L x H) 72" x 60" x 17.5"
- Invert Height 13.5"
- Weight 70 Pounds

YardFilter YF50 Plan View



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