



CULTEC, Inc. Plastic Septic Chambers

State of Connecticut Septic Allowance

CULTEC Chambers fall under the following categories in the CT Septic Code:

Leaching Galleries

Leaching gallery rows shall follow ground contours. Leaching galleries shall be hollow structures with perforated or open joint sides and tight covers. Leaching galleries must provide a minimum 40 inches of open bottom width. The sidewalls shall have a minimum depth of twelve inches and a maximum depth of four feet, including up to six inches of approved aggregate above the top of the structure. Twelve inches of approved aggregate shall be placed on the sides of the galleries and on the ends of the gallery rows. The width of the trench excavation shall not be less than six feet and the width of the hollow structure(s) shall be not less than four feet. The bottom of each leaching gallery row shall be level. For the purposes of Section VIII F & G, the effective leaching area of gallery rows and corresponding minimum center to center spacing between rows shall be as follows:

Model	Gallery Height (inches)	Effective Leaching Credit (SF/LF)	Center to Center Spacing (feet)
Recharger 330XL HD*	36	8.0	12
Recharger 330XL HD	30	7.4	12
Recharger 280**	27	7.1	12
Twin Recharger 180***	24	6.8	12
Twin Contactor 125	18	6.2	12
Twin Contactor 100	12	5.9	12
Contactor Field Drain C-4***	12	5.9	12

* Recharger 330XL HD requires 5.5" of stone over the top of the unit to be considered an equivalent.

** Recharger 280 requires 0.5" of stone over the top of the unit to be considered an equivalent

*** Recharger 180 and Contactor Field Drain C-4 require 3.5" of stone over the top of the unit to be considered an equivalent.

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Plastic Leaching Chambers

Plastic Leaching Chambers Backfilled with Approved Aggregate

Cultec chamber products and the Infiltrator Quick 4 chamber product line are approved for use in Section VIII E 6 as approved filter fabric covered/lined products backfilled with select fill. They can also be used without being lined/covered by filter fabric in which case the chambers must be backfilled with approved aggregate. They cannot be backfilled with select fill without filter fabric covering/lining the chambers. For the purpose of Section VIII F & G, the effective leaching area of the approved products listed below and corresponding minimum center to center spacing shall be according to the table below.

Corrugated Leaching Systems Lined/Covered with Filter Fabric

Units must be lined/covered with filter fabric and backfilled with select fill. For the purpose of Section VIII F & G, the effective leaching area of the approved products listed below and corresponding minimum center to center spacing shall be according to the table below.

Product Name	Dimensions (W x H)	Backfilled with select fill or approved aggregate to receive full credit. Effective Leaching Credit (SF/LF)	Reflecting 0.4 SF/LF credit reduction assessed if the chambers are back-filled with soil not meeting select fill gradation requirements. Effective Leaching Credit (SF/LF)	Center to Center Spacing (feet)
Contactor EZ-24	16"x 12"	1.9	1.5	7
Contactor EZ-24 (PDS)	16" x 12"	2.5	2.1	7
Contactor 100	36" x 12.5"	3.7	3.3	7
Contactor 100 (PDS)	36" x 12.5	4.3	3.9	7
Contactor 125	26.5" x 18"	2.9	2.5	7
Recharger 180	36" x 20.5"	4.4	4.0	7
Recharger 180 (PDS)	36" x 20.5"	5.1	4.7	9
Recharger 280	46" x 26.5"	6.5	6.1	10
Recharger 280 (PDS)	46" x 26.5"	7.1	6.7	10
Recharger 330XL HD	52" x 30"	5.6	5.2	11

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