



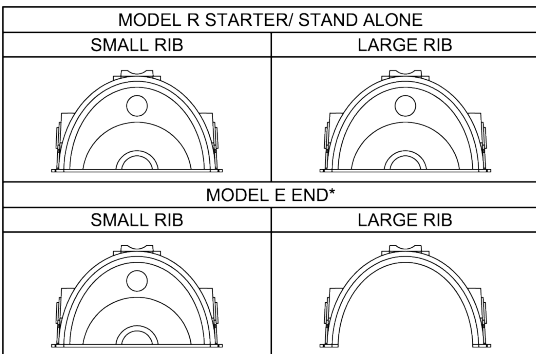
# CULTEC RECHARGER® 150XLHD SEPTIC CHAMBER

The Recharger® 150XLHD is a 18.5" (470 mm) tall, lower profile chamber and is typically used for installations with depth restrictions or when a larger infiltrative area is required.

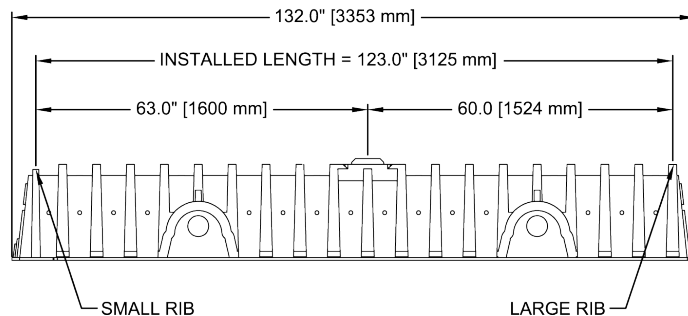
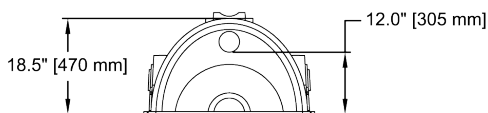
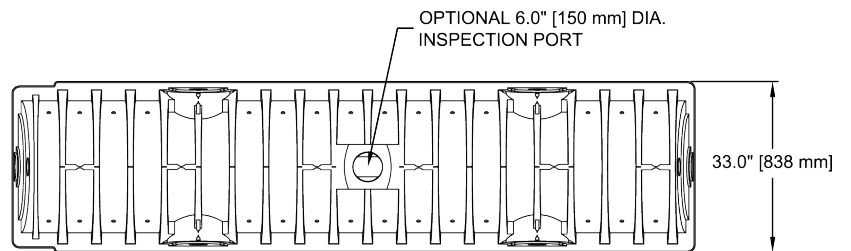


Size (L x W x H)	11' x 33" x 18.5" 3.35 m x 838 mm x 470 mm
Installed Length	10.25' 3.12 m
Length Adjustment per Run	0.75' 0.23 m
Chamber Storage	2.65 ft <sup>3</sup> /ft 0.25 m <sup>3</sup> /m 27.16 ft <sup>3</sup> /unit 0.77 m <sup>3</sup> /unit
Max. Allowable Cover	12' 3.66 m
Invert Height	20.5" 521 mm

Available in Heavy Duty only.



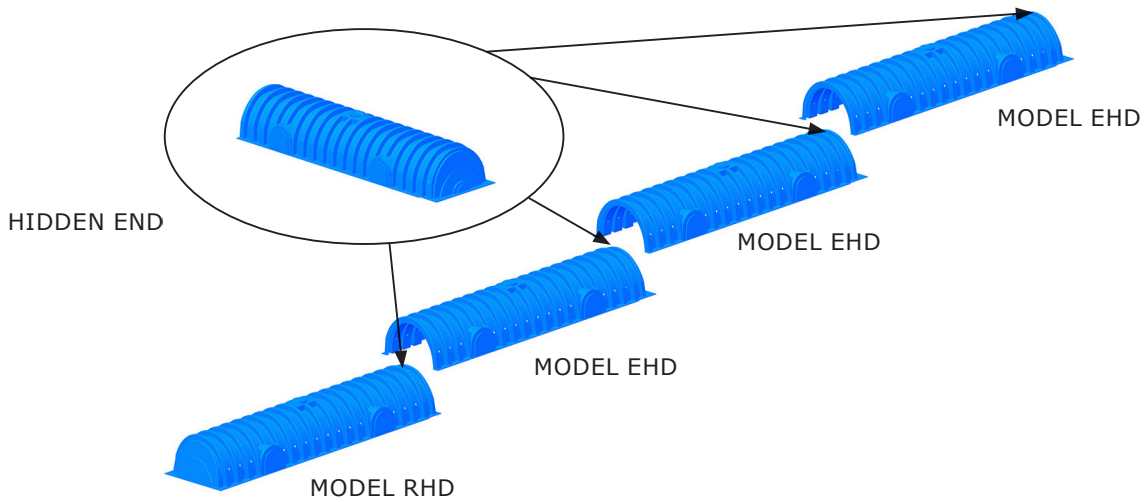
\*MAY ALSO BE USED AS AN INTERMEDIATE UNIT TO EXTEND THE LENGTH OF A RUN.



For more information, contact CULTEC at (203) 775-4416 or visit [www.cultec.com](http://www.cultec.com).



## Typical Interlock Installation



## CULTEC Recharger® 150XLHD Specifications

### GENERAL

CULTEC Recharger® 150XLHD septic chambers are designed to be used for septic leachfields.

### CHAMBER PARAMETERS

1. The chambers shall be manufactured in the U.S.A. by CULTEC of Brookfield, CT (cultec.com, 203-775-4416).
2. The chamber shall be vacuum thermoformed of polyethylene with a black interior and blue exterior.
3. The chamber shall be arched in shape.
4. The chamber shall be open-bottomed.
5. The chamber shall be joined using an interlocking overlapping rib method. Connections must be fully shouldered overlapping ribs, having no separate couplings or separate end walls.
6. The nominal chamber dimensions of the CULTEC Recharger® 150XLHD shall be 18.5 inches (470 mm) tall, 33 inches (838 mm) wide and 11 feet (3.35 m) long. The installed length of a joined Recharger® 150XLHD shall be 10.25 feet (3.12 m).
7. The nominal storage volume of the Recharger® 150XLHD chamber shall be 2.650 ft<sup>3</sup> / ft (0.246 m<sup>3</sup> / m). The nominal storage volume of a single Recharger 150XLRHD Starter / Stand Alone unit shall be 29.15 ft<sup>3</sup> (0.83 m<sup>3</sup>). The nominal storage volume of a joined Recharger® 150XLEHD as an Intermediate unit shall be 27.16 ft<sup>3</sup> (0.77 m<sup>3</sup>). The nominal storage volume of the length adjustment amount per run shall be 1.99 ft<sup>3</sup> (0.18 m<sup>3</sup>).
8. The Recharger® 150XLHD chamber shall have thirty discharge holes bored into the sidewalls of the unit's core to promote lateral conveyance of water.
9. The Recharger® 150XLHD chamber shall have 20 corrugations.
10. The endwall of the chamber, when present, shall be an integral part of the continuously formed unit. Separate end plates cannot be used with this unit.
11. The Recharger® 150XLRHD Starter / Stand Alone unit must be formed as a whole chamber having two fully formed integral endwall and having no separate end plates or separate endwalls.
12. The Recharger® 150XLEHD Middle / End unit must be formed as a whole chamber having one fully formed integral endwall and one fully open end wall and having no separate end plates or end walls.
13. Chambers must have horizontal stiffening flex reduction steps between the ribs.
14. The chamber shall have a raised integral cap at the top of the arch in the center of each unit to be used as an optional inspection port or clean-out.
15. The units may be trimmed to custom lengths by cutting back to any corrugation on the large rib end.
16. The chamber shall be manufactured in an ISO 9001:2015 certified facility.
17. The chamber shall be designed and manufactured with specific material and structural requirements, including resistance to AASHTO H-10 and H-20 highway live loads, when installed in accordance with CULTEC's installation instructions.
18. Maximum allowable cover over the top of the chamber shall be 12' (3.66 m).