

# Contactator® & Recharger®

## Plastic Chambers for Stormwater Management *Since 1986*



The CULTEC Contactator® and Recharger® chambers replace conventional stormwater retention/detention systems such as ponds, swales, pipe and stone trenches or beds, or concrete structures. The chambers may be used for drywells. They may be installed in trench or bed configurations according to site restrictions or client preference. Contact area is maximized by the fully open bottoms and perforated sidewalls. The chambers are typically installed subsurface beneath parking areas to capitalize on use of space, however, they may also be placed in grassy areas.

CULTEC offers the largest variety of chamber sizes and therefore is able to accommodate almost any site parameter. CULTEC chambers meet AASHTO H-25 wheel load criteria.

CULTEC's Recharger® series are higher profile, larger capacity chambers. Typical CULTEC stormwater systems are designed by using the largest chamber that meets the site's depth constraint. By doing so you reduce the number of chambers and land area required. The client is able to maximize storage volume at the given workable elevations.

CULTEC's low profile Contactator® series can accommodate systems with high water tables or other depth restraints. The lower profile units may also be used when a larger infiltrative surface area is required by design.



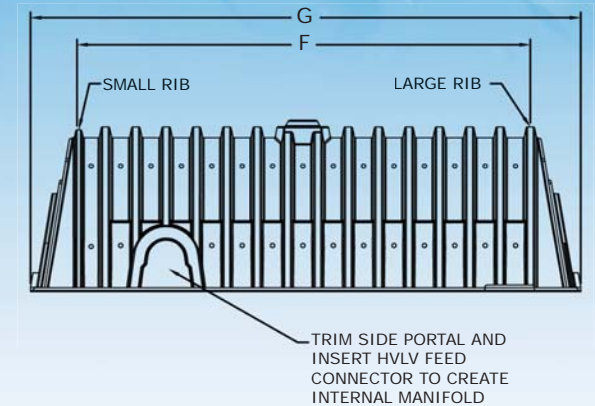
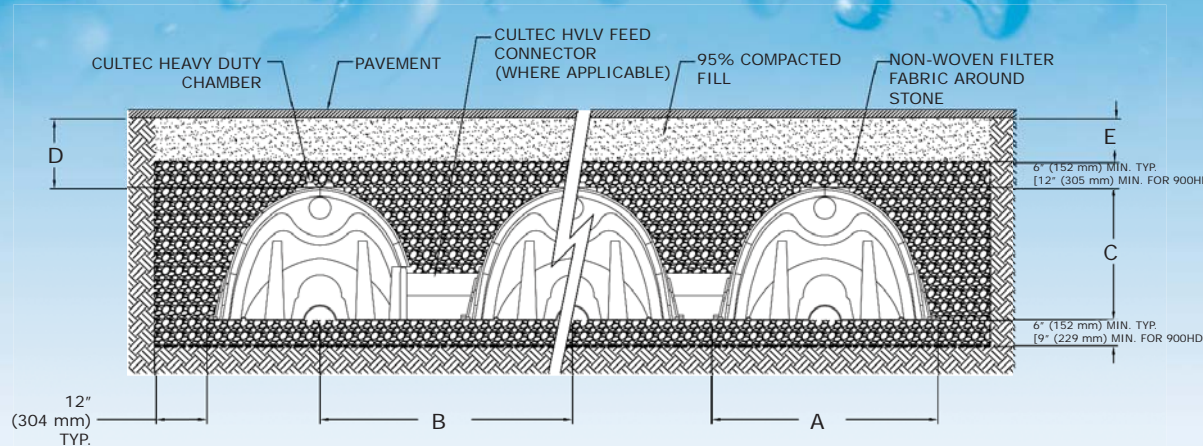
### System Benefits Include:

- Maximum use of land area
- Uses less stone than comparably sized pipe systems
- Unique in-line manifold eliminates need for costly fabricated header systems
- Ability to recharge water on-site
- Single or multi-level system capability
- Less heavy equipment required
- Ability to stack units for trouble-free stockpiling on jobsite and for shipping
- Patented overlapping rib connection is fast and easy to install
- Repeating support panel adds to strength of installation
- Subsurface installation cuts down on insurance liabilities
- Allows for more controlled infiltration into the ground
- Subsurface installation frees up land for further development
- Free design assistance available



# Contactor® & Recharger®

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Model	A Chamber Width	B Center to Center Spacing	C Chamber Height	D Min. Depth	E Max. Depth	F Min. Depth	G Installed Chamber Length	Overall Chamber Length	Bare Chamber Volume	Min. Installed Storage	Min. Stone Required per Chamber
CULTEC Contactor 100HD	36" 914 mm	40" 1016 mm	12.5" 318 mm	14" 356 mm	14' 4.27 m	8" 203 mm	7.5' 2.29 m	8'	1.87 ft <sup>3</sup> /ft 0.17 m <sup>3</sup> /m	3.84 ft <sup>3</sup> /ft 0.36 m <sup>3</sup> /m	28.81 ft <sup>3</sup> /unit 1.05 m <sup>3</sup>
CULTEC Recharger 150XLHD	33" 838 mm	39" 991 mm	18.5" 470 mm	14" 356 mm	14' 4.27 m	8" 203 mm	10.25' 2.87 m	11'	2.65 ft <sup>3</sup> /ft 0.25 m <sup>3</sup> /m	4.89 ft <sup>3</sup> /ft 0.45 m <sup>3</sup> /m	50.17 ft <sup>3</sup> /unit 1.63 m <sup>3</sup>
CULTEC Recharger 280HD	47" 1194 mm	52" 1321 mm	26.5" 673 mm	14" 356 mm	14' 4.27 m	8" 203 mm	7' 2.13 m	8'	6.08 ft <sup>3</sup> /ft 0.56 m <sup>3</sup> /m	9.21 ft <sup>3</sup> /ft 0.86 m <sup>3</sup> /m	64.46 ft <sup>3</sup> /unit 1.55 m <sup>3</sup>
CULTEC Recharger 330XLHD	52" 1321 mm	58" 1473 mm	30.5" 775 mm	16" 406 mm	12' 3.66 m	10" 254 mm	7' 2.13 m	8.5'	7.46 ft <sup>3</sup> /ft 0.69 m <sup>3</sup> /m	11.32 ft <sup>3</sup> /ft 1.05 m <sup>3</sup> /m	79.26 ft <sup>3</sup> /unit 1.91 m <sup>3</sup>
CULTEC Recharger V8HD	60" 1524 mm	66" 1676 mm	32" 813 mm	18" 457 mm	12' 3.66 m	12" 305 mm	7.5' 2.29 m	8'	8.68 ft <sup>3</sup> /ft 0.81 m <sup>3</sup> /m	13.27 ft <sup>3</sup> /ft 1.23 m <sup>3</sup> /m	99.56 ft <sup>3</sup> /unit 2.44 m <sup>3</sup>
CULTEC Recharger 900HD	78" 1981 mm	87" 2210 mm	48" 1219 mm	24" 610 mm	6' 1.83 m	12" 305 mm	7' 2.13 m	9.25'	17.62 ft <sup>3</sup> /ft 1.64 m <sup>3</sup> /m	27.25 ft <sup>3</sup> /ft 2.53 m <sup>3</sup> /m	190.73 ft <sup>3</sup> /unit 4.77 m <sup>3</sup>

Most calculations assume a 6" (152 mm) stone base, 6" (152 mm) stone above and typical center to center spacing. The Recharger 900HD calculations use 9" (229 mm) stone base, 12" (305 mm) stone above. Based on installed chamber length.

Recharger V8HD information is based on V8IHD Intermediate unit. See [www.cultec.com](http://www.cultec.com) for information on Recharger V8HD Starter / End. Other models available. Contact CULTEC for more information.

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