

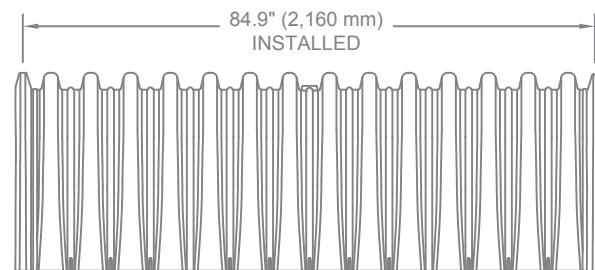
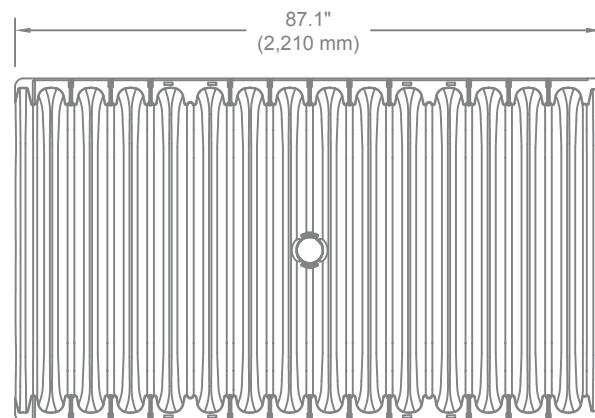
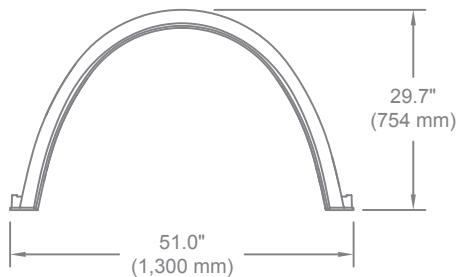


Prinsco's HS75 HydroStor® stormwater chamber delivers high-performance, sustainable underground water management for applications such as parking lots, roadways and commercial developments. Designed for versatility and efficiency, the HS75 supports groundwater recharge while meeting a wide range of project requirements and budgets.



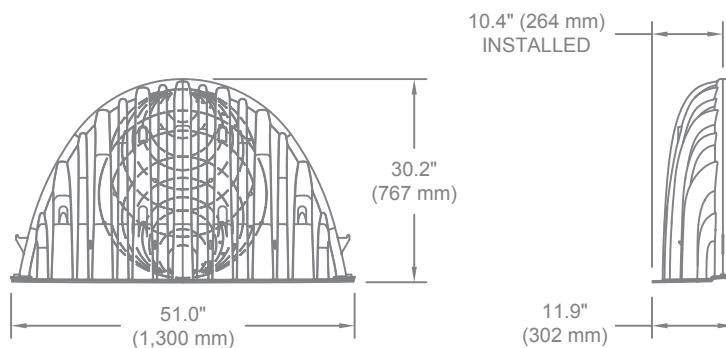
## Chamber Specifications

Chamber Size (L x W x H)	87.1" x 51.0" x 29.7" (2,210 x 1,300 x 754 mm)
Installed Length	84.9" (2,160 mm)
Chamber Storage	46.6 ft <sup>3</sup> (1.32 m <sup>3</sup> )
Minimum Installed Storage	75.0 ft <sup>3</sup> (2.12 m <sup>3</sup> )
Weight	69 lbs (31 kg)
Chambers/Pallet	33
Approx. Weight/Pallet	2,360 lbs (1,070 kg)

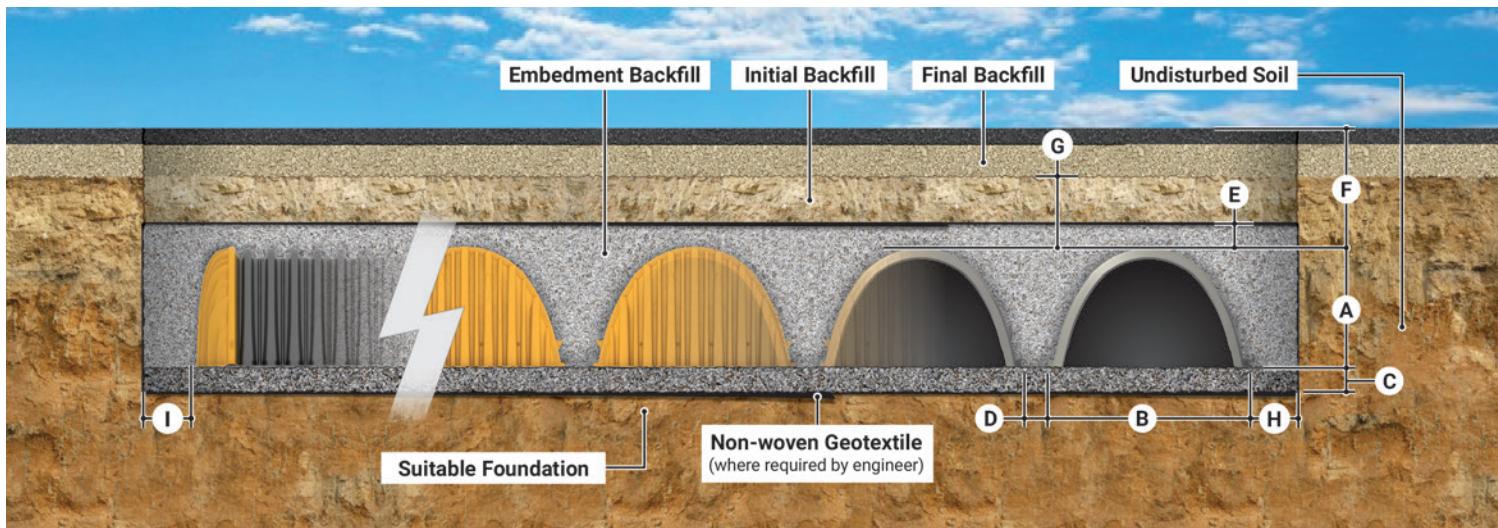


## End Cap Specifications

Chamber Size (L x W x H)	11.9" x 51.0" x 30.2" (302 x 1,300 x 767 mm)
Installed Length	10.4" (264 mm)
End Cap Storage	3.42 ft <sup>3</sup> (0.09 m <sup>3</sup> )
Minimum Installed Storage	14.5 ft <sup>3</sup> (0.41 m <sup>3</sup> )
Weight	13.2 lbs (5.99 kg)
End Caps/Pallet	20



HydroStor® chambers and end caps are engineered to meet or exceed **ASTM F2418** product standards and **ASTM F2787** design standards, as well as **AASHTO H20** live-load and **HL-93** design-load requirements.



Height (A)	29.7" (754 mm)
Width (B)	51" (1,300 mm)
Min. Foundation Stone (C)	6" (150 mm)
Min. Chamber Spacing (D)	6" (150 mm)
Min. Backfill above Chamber (E)	6" (150 mm)

Max. Burial Depth (F)	8' (2.44 m)
Min. Cover (G)	18" (450 mm)
Min. Backfill at Edge of System (H)	12" (300 mm)
Min. Backfill at End of System (I)	12" (300 mm)

## Chamber and Stone Storage Volumes

Stone Foundation Depths	HS75 Chamber ft <sup>3</sup> (m <sup>3</sup> )
Bare Unit	46.6 (1.32)
6 in. (150 mm)	74.99 (2.12)
9 in. (225 mm)	78.4 (2.22)
12 in. (300 mm)	81.8 (2.32)
15 in. (375 mm)	85.2 (2.41)
18 in. (450 mm)	88.6 (2.51)

## Volume of Excavation Required per Chamber

Stone Foundation Depths	HS75 Chamber yd <sup>3</sup> (m <sup>3</sup> )
6 in. (150 mm)	5.57 (4.26)
12 in. (300 mm)	6.19 (4.73)
18 in. (450 mm)	6.81 (5.21)

Assumes 6 in. (150 mm) of separation between chamber rows, 12 in. (300 mm) of perimeter in front of end caps and 18 in. (450 mm) of cover minimum. If the depth of cover exceeds 18 in. (450 mm), the volume should be increased 1.24cy (0.95 m<sup>3</sup>) per foot (300 mm) of depth.

## Stone Required per Chamber

Stone Foundation Depths	HS75 Chamber	
	yd <sup>3</sup> /US tons	m <sup>3</sup> /metric tons
6 in. (150 mm)	2.6/3.51	1.99/3.18
9 in. (225 mm)	2.91/3.93	2.23/3.57
12 in. (300 mm)	3.22/4.35	2.46/3.95
15 in. (375 mm)	3.53/4.77	2.7/4.33
18 in. (450 mm)	3.84/5.19	2.94/4.71

### More about HydroStor®

Installation Videos  
Installation Documents  
Specifications  
Technical Notes



the  
**Prinsco**  
difference  
service led by values

Prinsco products are fully supported by our engineering team and are designed, manufactured and tested to meet/exceed the high performance needs of the construction market. Prinsco's engineering, quality control and production teams are committed to a continuous process of innovation and product development. We are focused on current and future market needs centered around environmental sustainability, water quality, stormwater management and performance advancement.