

StormKeeper SK75

The StormKeeper family of products are the highest quality and structurally sound stormwater chambers available on the market and meet the full requirements of ASTM F2418. The StormKeeper family of chambers are designed utilizing the most sophisticated and comprehensive techniques to meet the stringent AASHTO LRFD and ASTM requirements. Intended for use under traffic and nontraffic areas, StormKeeper provides a truly cost-effective and structurally superior system to provide underground stormwater storage saving valuable land and protecting the environment.

StormKeeper SK75

Nominal Dimensions

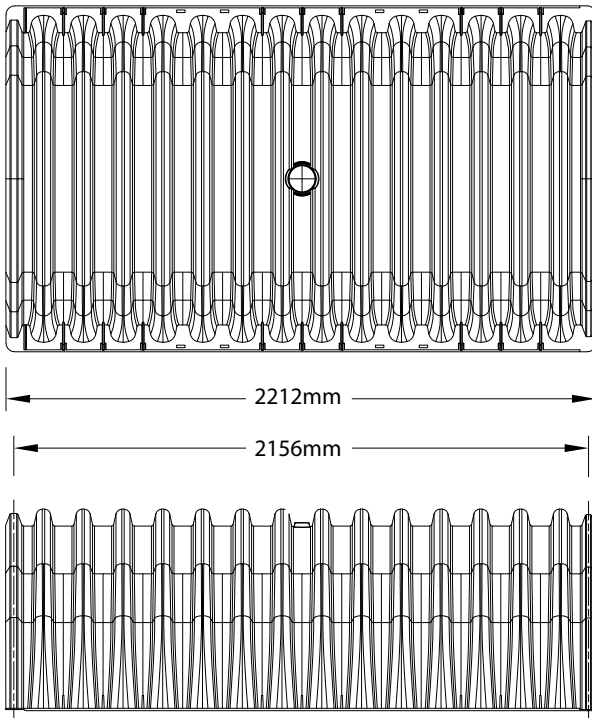
Size (L x W x H)	2212mm x 1295mm x 754mm
Chamber Storage	1.31m ³
Min. Installed Storage	2.11m ³
Weight	31.8kg



StormKeeper SK75 End Caps

Nominal Dimensions

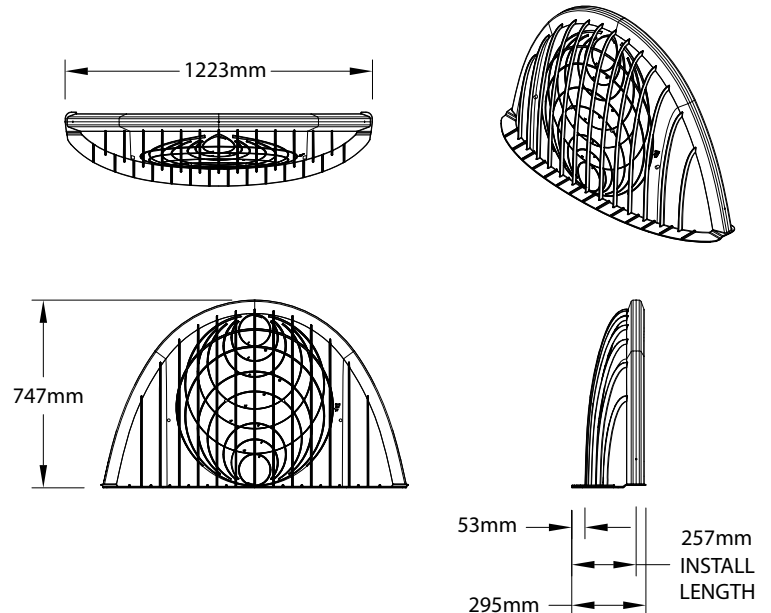
Size (L x W x H)	295mm x 1223mm x 747mm
End Cap Storage	0.08m ³
Min. Installed Storage	0.39m ³
Weight	2.7kg



Shipping

Nominal Dimensions

- 32 chambers per pallet
- 45 end caps per pallet
- 12 pallets per truck



StormKeeper SK75

Volume of Excavation Required Per Chamber/End Cap

	Stone Bedding Depth		
	150mm	300mm	450mm
StormKeeper SK75	4.22m ³	4.69m ³	5.16m ³
StormKeeper SK75 End Cap	1.09m ³	1.21m ³	1.33m ³

Assumes 150mm of separation between chamber rows, 300mm of perimeter stone in front of end caps and 450mm of cover. Should depth of cover exceed 450mm, the volume of excavation will increase accordingly.

Storage Volume Per Chamber/End Cap

	Chamber Volume Only	Chamber and Stone Volume Bedding Depth		
		150mm	300mm	450mm
StormKeeper SK75	1.31m ³	2.10m ³	2.29m ³	2.48m ³
StormKeeper SK75 End Cap	0.08m ³	0.39m ³	0.43m ³	0.48m ³

Assumes 150mm stone above chambers, 150mm of stone between chambers and 40% stone porosity. End cap volume assumes 300mm of stone perimeter.

Amount of Stone Per Chamber/End Cap

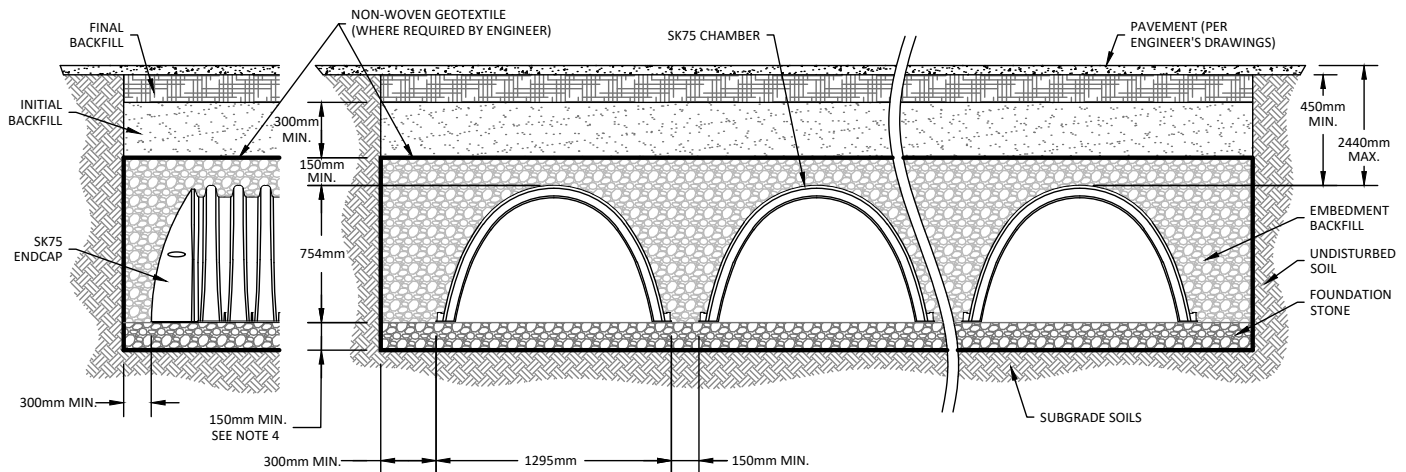
	Stone Bedding Depth		
	150mm	300mm	450mm
StormKeeper SK75	2.0m ³	2.4m ³	2.9m ³
StormKeeper SK75 End Cap	0.8m ³	0.9m ³	1.0m ³

Assumes 150mm of stone above, 150mm row spacing, and 300mm of perimeter stone in front of end caps.

Stage vs. Storage for StormKeeper SK75

Depth (mm)	Chamber Volume (m ³)	Installed Volume (m ³)	Depth (mm)	Chamber Volume (m ³)	Installed Volume (m ³)
25	0.000	0.032	559	0.907	1.242
51	0.000	0.063	584	0.954	1.302
76	0.000	0.095	610	1.000	1.361
102	0.000	0.127	635	1.043	1.419
127	0.000	0.159	660	1.085	1.476
152	0.000	0.190	686	1.125	1.532
178	0.063	0.260	711	1.163	1.586
203	0.125	0.329	737	1.198	1.639
229	0.187	0.398	762	1.230	1.690
254	0.248	0.466	787	1.259	1.739
279	0.308	0.534	813	1.283	1.785
305	0.367	0.601	838	1.301	1.827
330	0.426	0.668	864	1.309	1.864
356	0.483	0.734	889	1.313	1.898
381	0.540	0.800	914	1.313	1.930
406	0.596	0.865	940	1.313	1.961
432	0.651	0.930	965	1.313	1.993
457	0.704	0.994	991	1.313	2.025
483	0.757	1.057	1016	1.313	2.056
508	0.808	1.119	1041	1.313	2.088
533	0.858	1.181	1067	1.313	2.120

Assumes a void of 40% in the stone. Based on 150mm of stone above and below the chambers.



MANUFACTURER'S WARRANTY

Lane ensures, certifies and documents that SK75 StormKeeper Stormwater Chambers shipped to the job site meet the above claims and standards, and warrants the product is free of any material or workmanship defects.



Lane Enterprises, Inc.
 275 Grandview Ave, Suite 300
 Camp Hill, PA 17011
 P: 717.761.8175 • F: 717.761.5055
lane-enterprises.com/StormKeeper