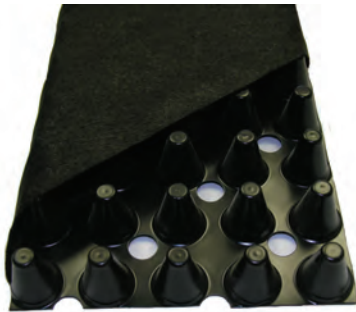
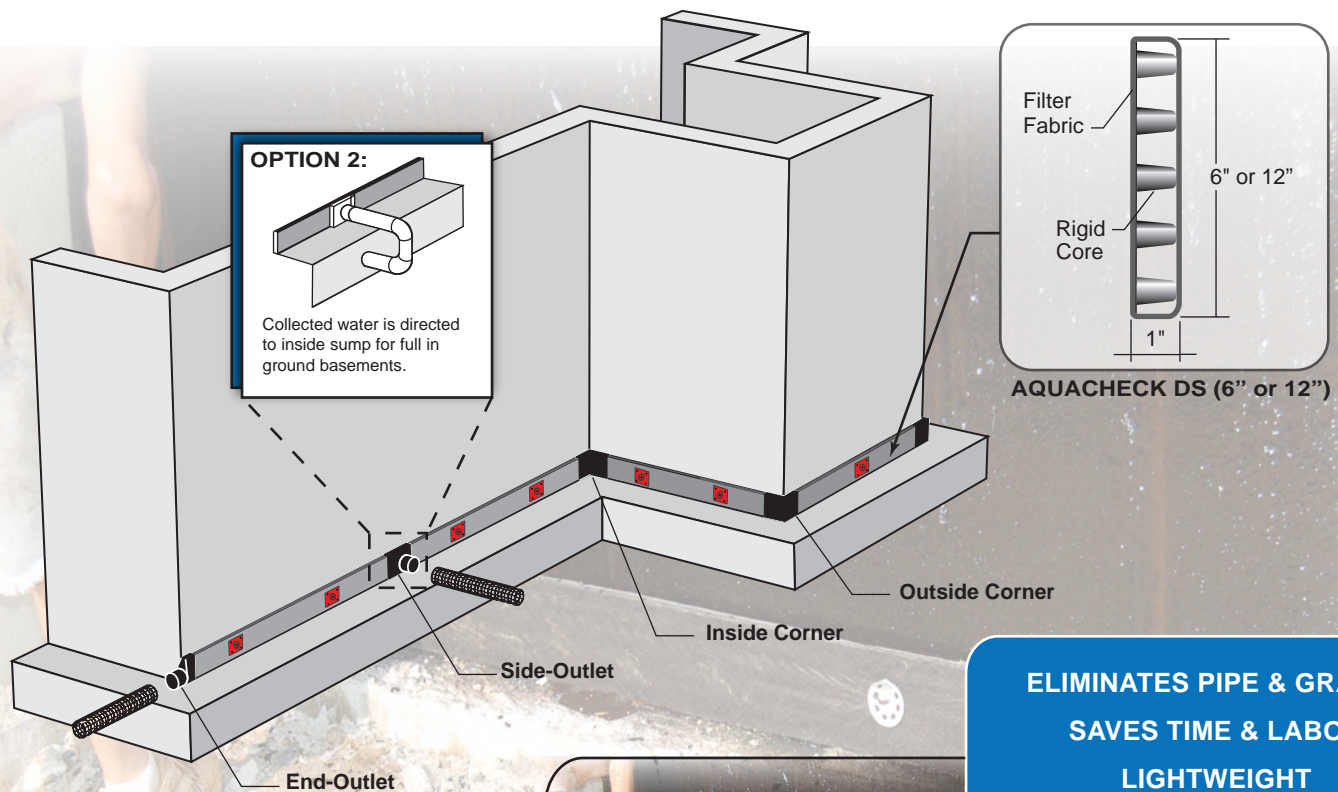


# AQUACHECK® DS.

## MULTI-PURPOSE DRAINAGE SYSTEM



**AQUACHECK® DS** is a modular composite drainage and collection system consisting of a 3-dimensional, high-flow, drainage core which is wrapped with a non-woven filter fabric. It is designed to replace a conventional sand or gravel covered pipe drain around building foundations and retaining walls. Soil particles are held back by the filter fabric allowing water to pass through to the drain core for easy removal by sump or by running to daylight. Available in 6" and 12" widths. A complete line of **AQUACHECK® DS** fittings and accessories are available in the system to allow for a fast and easy installation.



**ELIMINATES PIPE & GRAVEL**  
**SAVES TIME & LABOR**  
**LIGHTWEIGHT**  
**EASY TO INSTALL**  
**COST EFFECTIVE**  
**CODE APPROVALS**

**AQUACHECK® DS** is designed to function in a variety of applications. Proven applications include: basement foundations, retaining walls, landscaping, golf courses and athletic fields. The thin profile keeps trenching at a minimum making installation fast and easy.



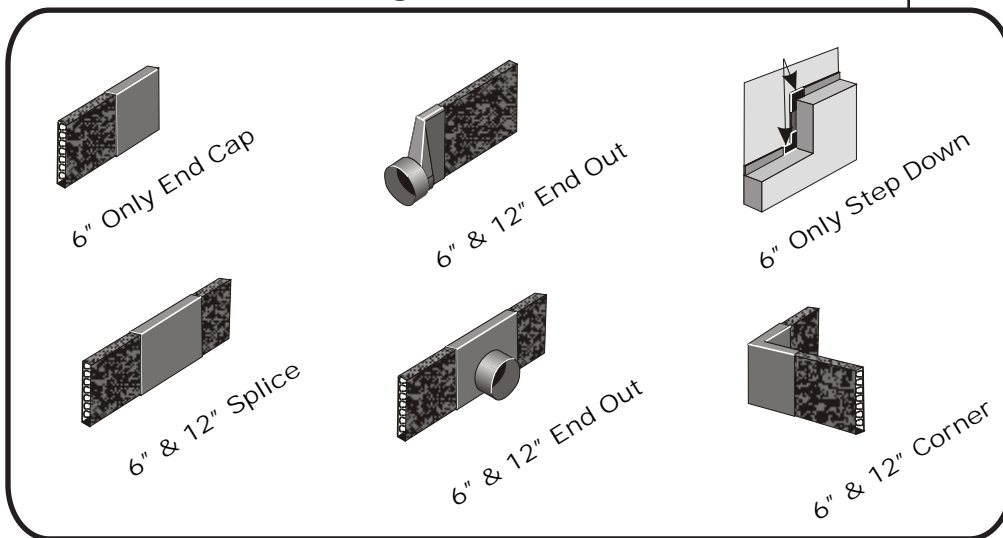
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P: 309.698.0062 - F: 309.698.0065 - TOLL FREE: 866.698.6562 - [www.insulationsolutions.com](http://www.insulationsolutions.com)

## Installation Instructions

1. Apply waterproofing to exterior basement wall.
2. Determine location of fittings for base drainage system. Cut AquaCheck® DS to proper length between fittings. (Allow for material to insert into fittings) Insert AquaCheck® DS into fittings and seal with tape.
3. Bond AquaCheck® DS and fittings to wall.
4. Connect system to run to daylight or sump.
5. Backfill and compact soil.

## Fittings & Accessories



## AQUACHECK DS MULTI-PURPOSE DRAINAGE SYSTEM

Test Procedure	Applicable Standard	English	Metric
CORE			
Thickness	ASTM D-1777	1 in.	2.54 cm
Compressive Strength	ASTM D-1621	9,500 psf	455 kN/m <sup>2</sup>
Flow	ASTM D-4716	30 gpm/ft	372 Lpm/m
FABRIC			
Flow	ASTM D-4491	140 gpm/ft <sup>2</sup>	5698 Lpm/m <sup>2</sup>
Puncture	ASTM D-4833	65 lbs.	.30 kN
AOS	ASTM D-4751	70 U.S. Sieve	.212 mm
Grab Tensile	ASTM D-4632	100 lbs.	.45 kN