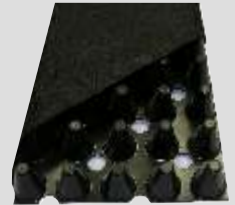




J-DRain[®] SWD

Foundation Wall Drainage Systems



U.S. Patent number 4,923,331

The first truly modular drainage and water collection system for:

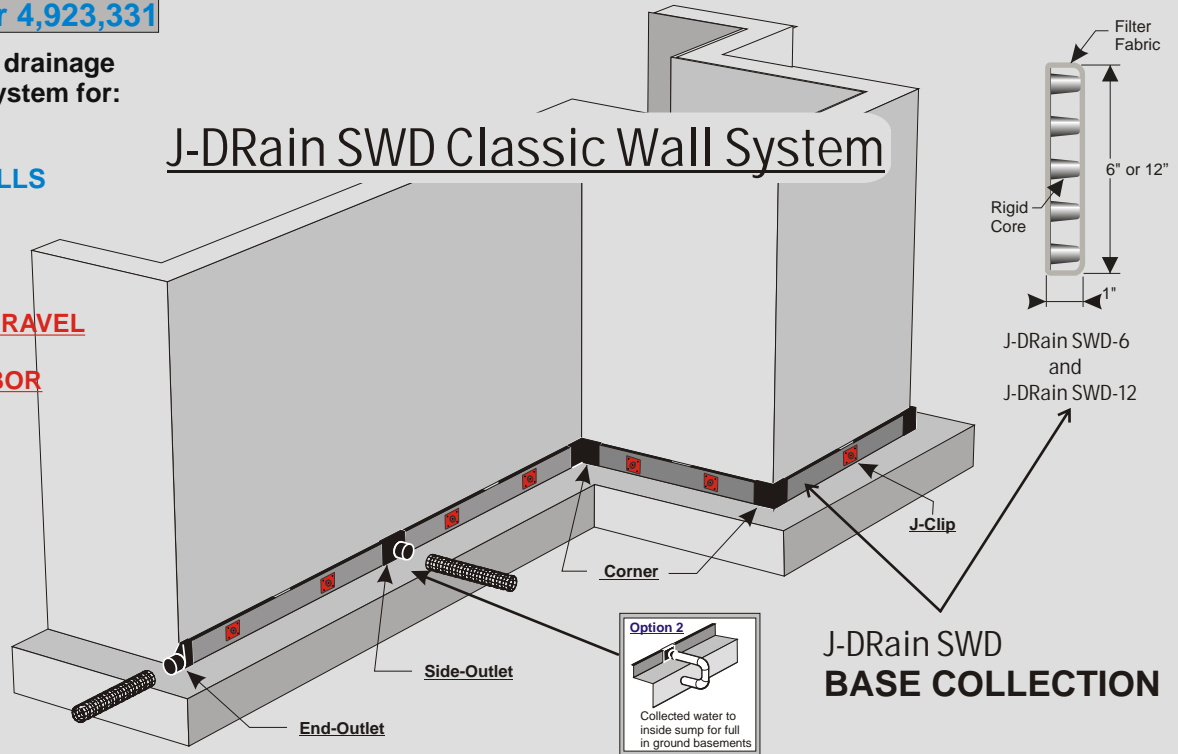
- BASEMENTS
- FOUNDATIONS WALLS
- RETAINING WALLS

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

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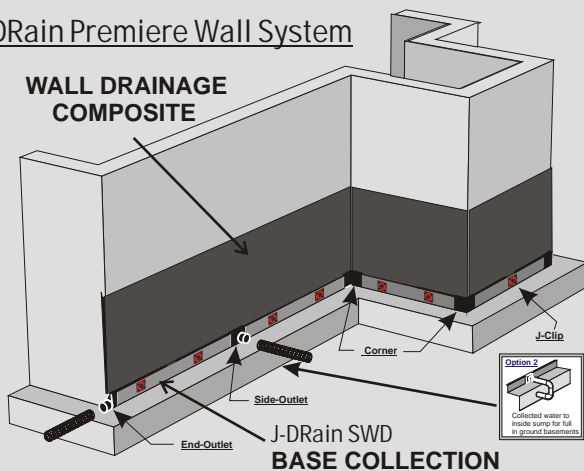
J-DRain SWD Classic Wall System



Classic: J-DRain SWD-6 Composite Drainage System

J-DRain SWD-6 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 inch and 12 inch widths. A full array of fittings are available in the system to allow for a fast and easy installation. J-Clips are used to hold the SWD vertically against the foundation wall for a secure hold and J-Tape is used to attach all J-DRain fittings.

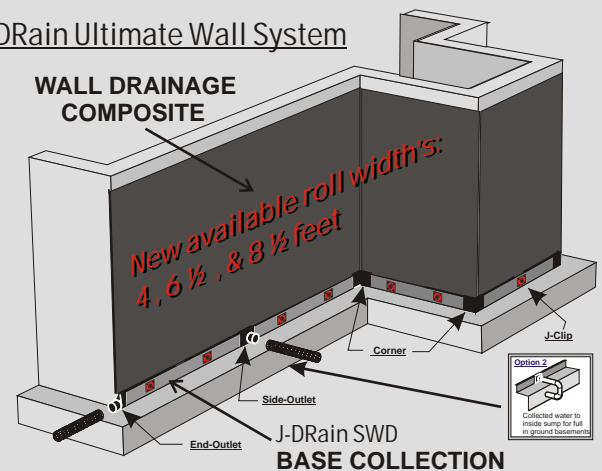
J-DRain Premiere Wall System



Premiere: J-DRain SWD-6 plus 4ft wall drainage

Combines J-DRain SWD collection system with 4 ft of J-DRain wall drainage composite. This allows a passage for water towards the bottom of the foundation wall to the collection system.

J-DRain Ultimate Wall System



Ultimate: J-DRain SWD-6 plus full coverage wall drainage

Combines J-DRain SWD collection system with full coverage of J-DRain wall drainage composite. Full wall coverage helps protect the waterproofing and forms a barrier between the soil and foundation wall. This also allows a passage for water towards the bottom of the foundation wall to the collection system.

J-DRain[®] SWD

Foundation Wall Drainage Systems



J-DRain SWD Fittings & Accessories

<p>6" & 12" END OUTLET</p>	<p>6" ONLY ENDCAP</p>	<p>6" & 12" SIDE OUTLET</p>
<p>6" & 12" SPLICE</p>	<p>6" & 12" CORNER</p>	<p>6" ONLY STEP DOWN</p>
<p>J-TAPE</p>		<p>J-CLIPS</p>

INSTALLATION INSTRUCTIONS:

1. Apply waterproofing system to wall.
2. Determine location of fittings for base part. Cut J-DRain SWD to proper length between fittings. (Allow for extra length for insertion into fittings) Insert J-DRain SWD completely into fittings. Tape fittings with J-TAPE.
3. Bond fittings and J-DRain SWD to base of wall with either soil, waterproofing mastic, panel adhesive, insulation board adhesive, or J-CLIPS.
4. Connect base fittings to 4" corrugated plastic drain pipe and run to sump or daylight. Special care should be taken to properly compact soil under drain pipe to prevent settling of drain pipe.
5. Backfill and compact soil.

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Unrolling SWD



Corner Fitting



End Outlet Fitting



Step Down Fitting

Physical Properties

Core	Compressive Strength (ASTMD-1621)	9,500 psf (455 kN/m ²)
	Thickness (ASTM-1777)	1 in. (2.54 cm.)
	Flow (ASTMD-4716) (Hydraulic gradient = .1)	30 gpm/ft width (372 lpm/m)
Roll	Roll Weight:	35 lbs. or 65 lbs. (16.7 kgs. & 29.2 kgs.)
	Roll Width:	6" or 12" (15 cm. & 30 cm.)
	Roll Length:	165 ft. (50.29 meters)

Fabric	Flow (ASTMD-4491)	140 gpm/ft ² (5698 lpm/m ²)
	Puncture (ASTMD-4833)	65 lbs. (.30 kN)
	AOS (ASTMD-4751)	70 U.S. Sieve (.212 mm)
	Grab Tensile (ASTMD-4632)	100 lbs. (.45 kN)

The information contained herein is believed by JDR Enterprises, Inc. to be accurate and is offered solely for the customer's consideration, investigation and verification. Determination of suitability for use is the responsibility of the user.

info@j-drain.com

www.j-drain.com

JDR Enterprises, Inc.

292 S. Main St., Suite 200 Alpharetta, GA 30004
(800) 843-7569 (770) 442-1461 Fax: (770) 664-7951