

How to select and install a Root Watering System

The Rain Bird Root Watering System (RWS) consists of a perforated polyethylene cylinder with 14,000 openings to effectively deliver water, air and nutrients to the root system of trees and shrubs. It easily connects to irrigation lateral lines or can be installed in drip zones. It is available in 3 sizes: 36", 18" and 10".

Benefits include:

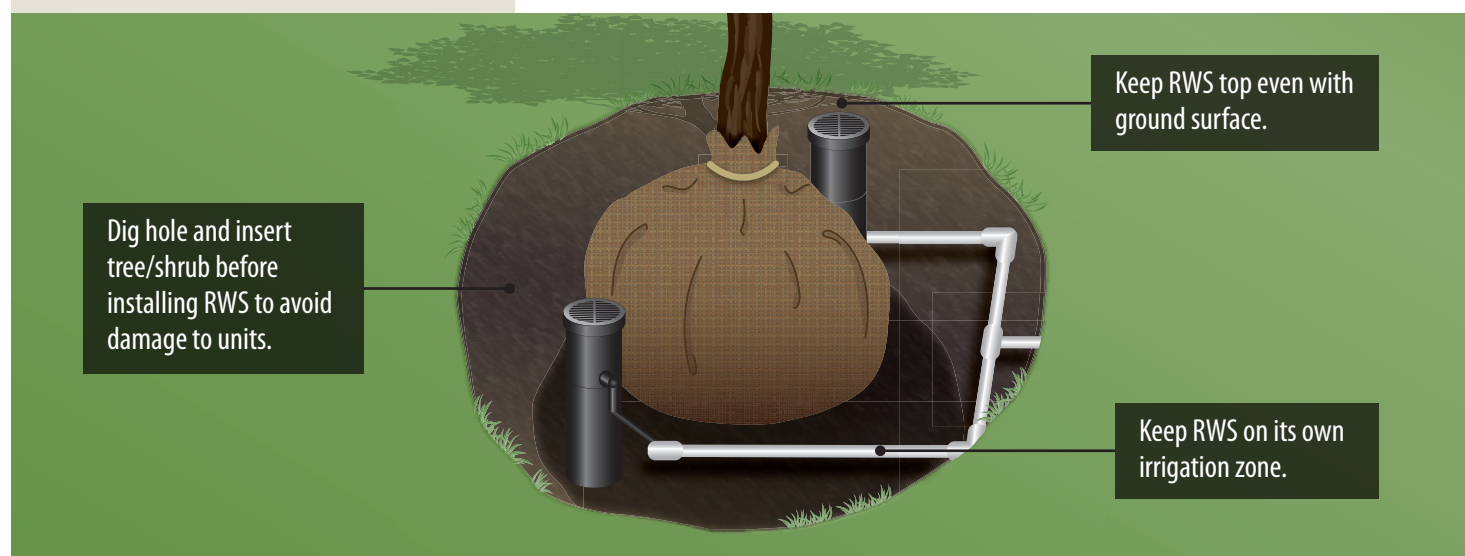
- Optimal growth rates – Deeper root growth and root mass means a healthier, faster growing tree
- Investment protection – Healthier roots help trees survive transplanting and provide stability in high winds
- Watering efficiency – Subsurface irrigation minimizes run-off and evaporation
- Landscape aesthetics – Installs at grade and helps minimize damage to hardscapes



Easy to install in just 3 simple steps:

- 1 Choose correct RWS units
- 2 Determine number of units per tree/shrub
- 3 Space appropriately

SEE PAGE 2 FOR DETAILED INSTRUCTIONS



RWS Installation Steps

The size of the root ball will drive the correct type, quantity and positioning of the RWS units.

Step 1:

Select the correct RWS product.
Choose a bubbler flow rate appropriate for your soil type.

LARGE TO MEDIUM TREES	SMALL TREES & LARGE SHRUBS	SHRUBS & SMALL TREES
		
Root Ball Dia. > 36"	Root Ball Dia. 12" – 36"	Root Ball Dia. < 12"

		
36" RWS	18" RWS-M	10" RWS-S

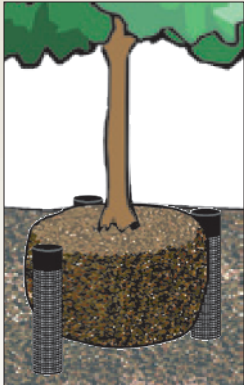
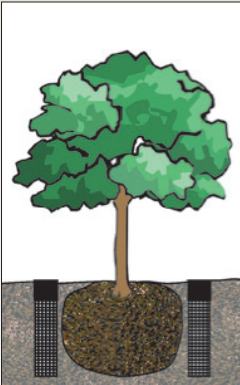
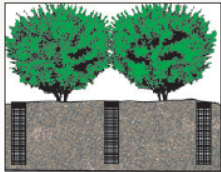
Step 2:

Determine number of units per tree/shrub.

3 or more RWS Per Tree	2 RWS-M Per Tree/Shrub	2 RWS-S Per Shrub NOTE: If less than 12" apart, use 1 RWS-S between each root ball.
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Step 3:

Space relative to root ball.

		Isolated Shrub: 2 RWS-S equally spaced around root ball. 
Equally spaced around root ball with no more than 30" between each RWS unit.	Equally spaced around root ball.	Dense Plantings: 1 RWS-S between each plant. 

FOR MORE INFORMATION:
www.rainbird.com/rws