

### Root Watering Series

#### Primary Application

The Rain Bird Root Watering Series enables vital water, air, and nutrients to bypass compacted soil and directly reach tree and shrub root systems. Its patented basket weave canister allows ground installation to a depth of 36" (91,44 cm) for the RWS, 18" (45,72 cm) for the RWS-Mini, and 10" (25,4 cm) for the RWS-Supplemental. This system is intended for use with water dispensing devices, such as a bubbler head or an emitter. This system can be customized by the end user to meet their specific required irrigation needs or can be purchased with pre-installed bubbler and ACV-050 check valve options.

#### Features and Benefits

- Subsurface aeration and irrigation prevents tree and shrub transplant shock
- Subsurface deep root watering and aeration ensures tree health and promotes accelerated growth
- Factory preassembled device reduces labor costs associated with assembly of homemade systems
- Aesthetically designed subsurface bubbler contributes to a landscape's natural appearance
- Locking grate at grade deters vandalism

#### Models

##### RWS

**RWS-B-C-1401** — Root Watering with 0.25 GPM (1,2 l/m) bubbler & check valve on riser, 4" (10,2 cm) grate, versatile swing assembly with ½" (15/21) M NPT inlet

**RWS-B-1401** — Root Watering with 0.25 GPM (1,2 l/m) bubbler on riser, 4" (10,2 cm) grate, versatile swing assembly with ½" (15/21) M NPT inlet

**RWS-B-X-1401** — Root Watering with 0.25 GPM (1,2 l/m) bubbler on riser, 4" (10,2 cm) grate, 18" (45,7 cm) open swing assembly with ½" (15/21) M NPT inlet

**RWS** — Root Watering Basic, 4" (10,2 cm) grate, ready for customer provided irrigation hardware

**RWS-B-C-1402** — Root Watering with 0.50 GPM (1,8 l/m) bubbler & check valve on riser, 4" (10,2 cm) grate, versatile swing assembly with ½" (15/21) M NPT inlet

**RWS-B-1402** — Root Watering with 0.50 GPM (1,8 l/m) bubbler on riser, 4" (10,2 cm) grate, 12" (30,5 cm) versatile swing assembly with ½" (15/21) M NPT inlet

**RWS-B-C-1404** — Root Watering with 1.00 GPM (3,6 l/m) bubbler & check valve on riser, 4" (10,2 cm) grate, versatile swing assembly with ½" (15/21) M NPT inlet

**RWS-B-C-1404-P** — Root Watering, reclaimed water with 1.00 GPM (3,6 l/m) bubbler & check valve on riser, 4" (10,2 cm) grate, versatile swing assembly with ½" (15/21) M NPT inlet, Purple grate

**RWS-B-C-1408** — Root Watering with 2.00 GPM (7,2 l/m) bubbler & check valve on riser, 4" (10,2 cm) grate, versatile swing assembly with ½" (15/21) M NPT inlet

**RWS-B-C-1408-P** — Root Watering, reclaimed water with 2.00 GPM (7,2 l/m) bubbler & check valve on riser, 4" (10,2 cm) grate, versatile swing assembly with ½" (15/21) M NPT inlet, Purple grate

##### RWS-Mini

**RWS-M-B-C-1401** — Mini Root Watering with 0.25 GPM (1,2 l/m) bubbler & check valve on riser, 4" (10,2 cm) grate, ½" (15/21) M NPT inlet spiral barb elbow

**RWS-M-B-1401** — Mini Root Watering with 0.25 GPM (1,2 l/m) bubbler on riser, 4" (10,2 cm) grate, ½" (15/21) M NPT inlet spiral barb elbow

**RWS-M-B-C-1402** — Mini Root Watering with 0.50 GPM (1,8 l/m) bubbler & check valve on riser, 4" (10,2 cm) grate, ½" (15/21) M NPT inlet spiral barb elbow

**RWS-M-B-1402** — Mini Root Watering with 0.50 GPM (1,8 l/m) bubbler & check valve on riser, 4" (10,2 cm) grate, ½" (15/21) M NPT inlet spiral barb elbow

**RWS-M** — Mini Root Watering Basic with 4" (10,2 cm) grate, ready for customer provided irrigation hardware

##### RWS/RWS-Mini Accessories

**RWS-SOCK** — Root Watering Sand Sock (6 per bag)

**RWS-GRATE** — Root Watering 4" (10,2 cm) Grate

**RWS-GRATE-P** — Root Watering 4" (10,2 cm) Purple Grate

#### RWS-Supplemental

**RWS-S-B-C-1401** — Supplemental Root Watering with 0.25 GPM (1,2 l/m) bubbler & check valve on riser, 2" (5,1 cm) snap-on cap and base, ½" (15/21) M NPT inlet spiral barb elbow

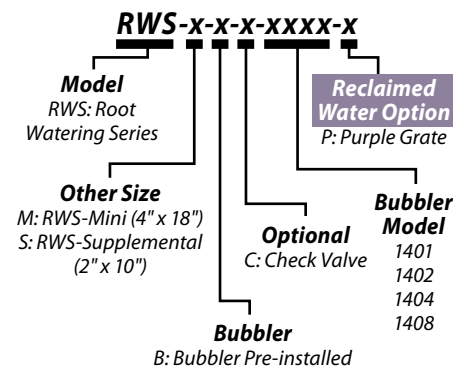
**RWS-S-B-1401** — Supplemental Root Watering with 0.25 GPM (1,2 l/m) bubbler on riser, 2" (5,1 cm) snap-on cap and base, ½" (15/21) M NPT inlet spiral barb elbow

**RWS-S-S** — Supplemental Root Watering Basic, with 2" (5,1 cm) snap-on cap and base, ready for customer provided irrigation hardware

#### Root Watering Series

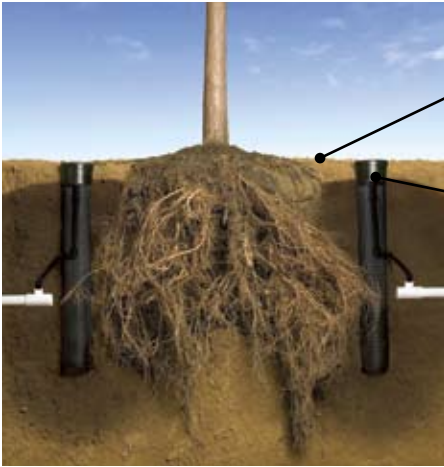


#### How to Specify/Order:



Reclaimed Water Models

## Installation Diagram



Finish Grade

Root Watering Series

*Position units evenly spaced around root ball. Install product with top even to the ground surface.*

## Extra-Wide Collar



Extra-wide molded collar provides convenient access to bubbler.

## RWS Root Watering Series Usage Guide

### Large Trees



**RWS**

### Small Trees



**RWS-Mini**

### Shrubs



**RWS-Supplemental**

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#### Technical Service and Support

(800) RAINBIRD (U.S. and Canada only)

#### Specification Hotline

(800) 458-3005 (U.S. and Canada only)

[www.rainbird.com](http://www.rainbird.com)

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