

## RWS (Root Watering System)

Root Watering System promotes deep root growth, healthy tree development, and accelerated growth

### Features and Benefits

- Subsurface aeration and irrigation prevents tree and shrub transplant shock
- Highest efficiency solution for tree irrigation - up to 95% emission uniformity with minimal wind, evaporation, or edge control losses
- Aesthetically designed subsurface bubbler contributes to a landscape's natural appearance
- Locking grate at grade deters vandals
- Helps prevent shallow root growth and hardscape damage
- Aesthetically attractive below grade installation
- Self-contained and factory assembled units for assured reliability (10", 18" and 36" sizes)

### For the RWS Model:

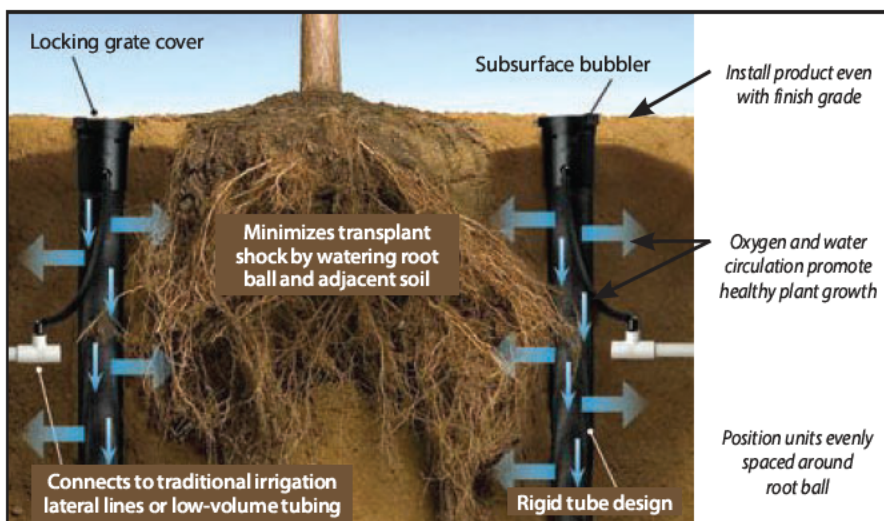
- 4" (10.2 cm) retaining cap and vandal resistant locking grate tops a 36" (91.4 cm) semi-rigid mesh tube
- Factory installed swing assemblies (excluding RWS) with a 1401 (0.25 gpm; 0.95 l/m), 1402 (0.5 gpm; 1.9 l/m), or 1404 (1.00 gpm; 3.8 l/m) bubbler on a fixed riser makes connecting to lateral lines easy
- Options: Check valve to keep lines from draining (10 ft. min holdback)  
Sand sock for use in fine soils

### For the RWS - Mini:

- 4" (10.2 cm) retaining cap and vandal resistant locking grate tops a 18" (45.7 cm) semi-rigid mesh tube
- Factory installed ½" spiral barb elbow with a 1401 or 1402 bubbler makes connecting to lateral lines easy
- Options: Check valve to keep lines from draining  
Sand sock for use in fine soils

### For the RWS - Supplemental:

- 2" (5.1 cm) snap-on cap and base cap enclose a 10" (25.4 cm) semi-rigid mesh tube
- Factory installed ½" spiral barb elbow with 1401 bubbler makes connecting to lateral lines easy
- Options: Check valve to keep lines from draining  
Sand sock for use in fine soils



Models / Specifications				
Model	Bubbler	Check Valve*	Swing Assembly w/ ½" (15/21) M NPT inlet	Spiral Barb Elbow w/ ½" (15/21) M NPT inlet
<b>36" Root Watering System (with 4" (10.2 cm) vandal-resistant locking grate)</b>				
RWS	Ideal for ¼" drip tubing or customer provided hardware	-	-	-
RWS-B-C-1401	0.25 gpm (0.95 l/m)	✓ (36")	✓	-
RWS-B-1401	0.25 gpm (0.95 l/m)	-	✓	-
RWS-B-C-1402	0.50 gpm (1.9 l/m)	✓ (36")	✓	-
RWS-B-1402	0.50 gpm (1.9 l/m)	-	✓	-
RWS-B-C-1404	1.00 gpm (3.8 l/m)	✓ (36")	✓	-
<b>18" Root Watering System - Mini (with 4" (10.2 cm) vandal-resistant locking grate)</b>				
RWS-M	Ideal for ¼" drip tubing or customer provided hardware	-	-	-
RWS-M-B-C-1401	0.25 gpm (0.95 l/m)	✓ (18")	-	✓
RWS-M-B-1401	0.25 gpm (0.95 l/m)	-	-	✓
RWS-M-B-C-1402	0.50 gpm (1.9 l/m)	✓ (18")	-	✓
RWS-M-B-1402	0.50 gpm (1.9 l/m)	-	-	✓
<b>10" Root Watering System - Supplemental (with 2" (5.1 cm) snap-on cap and base)</b>				
RWS-S-B-C-1401	0.25 gpm (0.95 l/m)	✓ (10")	-	✓
RWS-S-B-1401	0.25 gpm (0.95 l/m)	-	-	✓
<b>Root Watering - Accessories</b>				
RWS-SOCK (Root Watering Sock)				
RWSGRATE (Root Watering System Black Grate for RWS and RWS Mini)				
RWS-GRATE-P (Root Watering System Purple Grate for RWS and RWS Mini)				

\* Check Valve is 14 ft. of holdback, or 6 PSI



Drip Irrigation