

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

For the RWS Model:

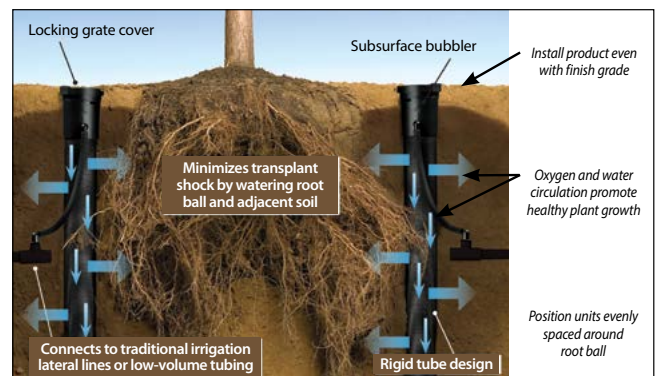
- 10.2 cm retaining cap and vandal resistant locking grate tops a 91.4 cm semi-rigid mesh tube
- Factory installed swing assemblies (excluding RWS) with a 1401 (0.95 l/m), or 1402 (0.5 gpm) bubbler on a fixed riser makes connecting to lateral lines easy
- Options: Check valve to keep lines from draining (minimum holdback of 304.8cm)
Sand sock for use in fine soils

For the RWS - Mini:

- 10.2 cm retaining cap and vandal resistant locking grate tops a 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:

- 5.1 cm snap-on cap and base cap enclose a 25.4 cm semi-rigid mesh tube
- Factory installed ½" spiral barb elbow with PCT or 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 (Select models shown. Review your regional price list for complete availability.)

Model	Bubbler	Check Valve*	Swing Assembly w/ ½" (15/21) M NPT inlet	Spiral Barb Elbow w/ ½" (15/21) M NPT inlet
91.4 cm Root Watering System (with 10.2 cm vandal-resistant locking grate)				
RWS	Ideal for ¼" drip tubing or customer provided hardware	—	—	—
RWS-B-C-1401	57 l/h	✓ (91.4 cm)	✓	—
RWS-B-1401	57 l/h	—	✓	—
RWS-B-X-1401	57 l/h	—	✓ (45.7 cm with no elbow)	—
RWS-B-C-1402	114 l/h	✓ (91.4 cm)	✓	—
RWS-B-1402	114 l/h	—	✓	—
RWS-B-C-1404	228 l/h	✓ (91.4 cm)	✓	—
41.7 cm Root Watering System - Mini (with 10.2 cm vandal-resistant locking grate)				
RWS-M	Ideal for ¼" drip tubing or customer provided hardware	—	—	—
RWS-M-B-C-1401	57 l/h	✓ (45.7 cm)	—	✓
RWS-M-B-1401	57 l/h	—	—	✓
RWS-M-B-C-1402	114 l/h	✓ (45.7 cm)	—	✓
RWS-M-B-1402	114 l/h	—	—	✓
25.4 cm Root Watering System - Supplemental (with 5.1 cm snap-on cap and base)				
RWS-S-B-C-PCT5	1140 l/h	✓ (25.4 cm)	—	✓
RWS-S-B-C-1401	57 l/h	✓ (25.4 cm)	—	✓
RWS-S-B-1401	57 l/h	—	—	✓
Root Watering - Accessories				
RWS-SOCK (Root Watering Sock)				
RWS- GRATE-P (Root Watering System Purple Grate for RWS and RWS Mini)				

* Check Valve is 4.3 m of holdback, or 0.4 bar