

## 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:

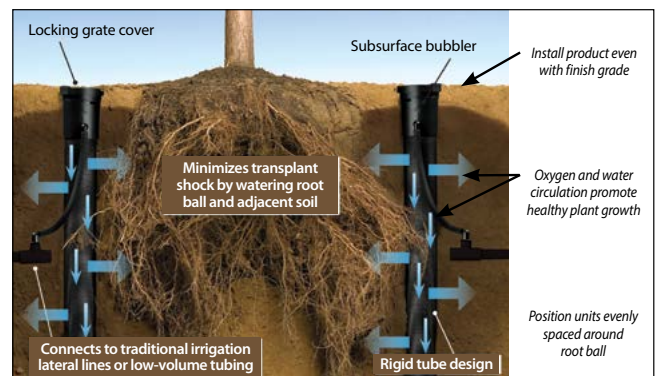
- 10.2 cm retaining cap and vandal resistant locking grate tops a 91.4 cm semi-rigid mesh tube
- Factory installed swing assemblies (excluding RWS) with a 1401 (0.95 l/m), or 1402 (0.5 gpm) bubbler on a fixed riser makes connecting to lateral lines easy
- Options: Check valve to keep lines from draining (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 |
|--|--|--------------|--|---|
| <b>91.4 cm Root Watering System (with 10.2 cm vandal-resistant locking grate)</b>        |  |              |  |   |
| 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)  | ✓  | —   |
| <b>41.7 cm Root Watering System - Mini (with 10.2 cm vandal-resistant locking grate)</b> |  |              |  |   |
| 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  | —            | —  | ✓   |
| <b>25.4 cm Root Watering System - Supplemental (with 5.1 cm snap-on cap and base)</b>    |  |              |  |   |
| 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   | —            | —  | ✓   |
| <b>Root Watering - Accessories</b>   |  |              |  |   |
| 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