

UNDERDRAIN ASSEMBLIES

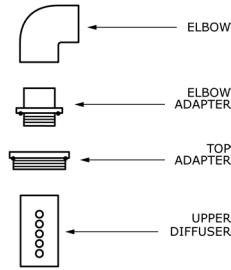


WATER'S EDGE™

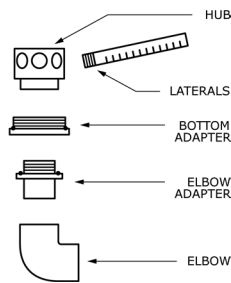
DISTRIBUTION SYSTEM KITS FOR TOP & BOTTOM THREADED TANKS

WATER'S EDGE DISTRIBUTOR SYSTEM KIT FOR TOP & BOTTOM HOLE TANKS (TYPICAL)

TOP ASSEMBLY



BOTTOM ASSEMBLY



SWT's Water's Edge Distributor System Kits for Top and Bottom Threaded Tanks are fabricated from non-corrosive FDA and NSF approved materials for use in softeners, deionizers, carbon filters, sediment filters, iron filters, and multimedia filters. They are designed for FRP molded tanks with a 4"#8 UN threaded top opening, and a 6"#8 UN (standard) or 4"#8 UN threaded bottom opening. They can also be modified to fit tanks of other manufacture.

Water's Edge Distributor Systems are extra strong and durable for use with heavy filtration medias (gravel, sand, garnet) and can be used with a variety of regenerants including salt, caustics, acids, chlorine, etc. The collection screens (laterals) have 0.010 standard slotting for use with 50 mesh filter media or larger. They are designed to spread flow evenly across the filter bed to eliminate dead zones and to provide even lift and separation during backwash.

Technical Specifications:

- Maximum Recommended Operating Temperature 140°F (60°C)
- Maximum Recommended Operating Pressure 150 psi
- ΔP @ 5 ft/sec Velocity ≤ 3 psi
- Materials of Construction (Standard) PVC, ABS, Buna-N
- Slot Width (Standard) 0.010 inch (0.254 mm)
- Slot Area 2.5 x Pipe Area

| Model Number [1] | Tank Size Inches | Connection Size Inches | Laterals Number (Size) |
|------------------|------------------|------------------------|------------------------|
| SM-DS162 | 16 x 65 | 2 inch Socket | 6 (3/4 inch) |
| SM-DS212 | 21 x 62 | 2 inch Socket | 8 (3/4 inch) |
| SM-DS242 | 24 x 62 | 2 inch Socket | 8 (3/4 inch) |
| SM-DS302 | 30 x 72 | 2 inch Socket | 12 (3/4 inch) |
| SM-DS3025 | 30 x 72 | 2.5 inch Socket | 12 (3/4 inch) |
| SM-DS303 | 30 x 72 | 3 inch Socket | 12 (3/4 inch) |
| SM-DS362 | 36 x 72 | 2 inch Socket | 12 (3/4 inch) |
| SM-DS3625 | 36 x 72 | 2.5 inch Socket | 12 (3/4 inch) |
| SM-DS363 | 36 x 72 | 3 inch Socket | 12 (3/4 inch) |

[1] 4"#8 UN Top with 6"#8 UN Bottom is standard configuration. For 4"#8 UN Top with 4"#8 UN Bottom, add "4TB" to end of part number.

AVAILABLE OPTIONS:

- 4 inch Side Mount Valve Adapter** (P/N UA-1040920) with 4"#8 UN valve base, 1.5 inch riser size, 2 inch FPT inlet/outlet available.
- 4 inch Side Mount Valve Adapter** (P/N UA-1040921) with 4"#8 UN valve base, 1.5 inch riser size, 2 inch BSP inlet/outlet available.
- Upper Diffuser** can be slotted instead of drilled at additional cost. Add "-S" to end of part number.
- Slot Widths** including 0.008, 0.010 (Standard), 0.012, 0.016, 0.020, 0.032, 0.125 inch and larger are available.
- Custom** sizes, configurations, and materials are our specialty. Contact SWT with your requirements.