

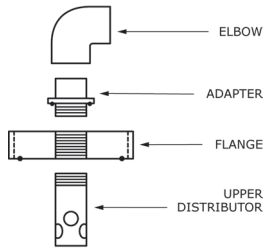
# UNDERDRAIN ASSEMBLIES



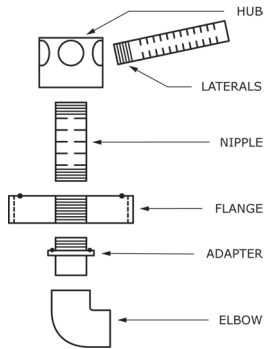
## WATER'S EDGE™ DISTRIBUTION SYSTEM KITS FOR FLANGED TANKS

### WATER'S EDGE DISTRIBUTOR SYSTEM KIT FOR FLANGED TANKS (TYPICAL)

#### TOP ASSEMBLY



#### BOTTOM ASSEMBLY



SWT's Water's Edge Distributor System Kits for Flanged Tanks are fabricated from non-corrosive FDA and NSF approved materials for use in softeners, dealkalizers, carbon filters, sediment filters, iron filters, and multimedia filters. They are recommended for use with Aquamatic-style valve nests and side-mounted valves or simple flow-through filtration.

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 proper and 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, EPDM

Materials of Construction (Available) . . . . . CPVC, Polypropylene, PVDF, HDPE, etc.

Slot Width (Standard) . . . . . 0.010 inch (0.254 mm)

Slot Width (Available) . . . . . 0.008, 0.012, 0.016, 0.020, 0.032, 0.125 inch

Model Number	Tank Size Inches	Pipe Size Inches	Laterals Number (Size)
SM-DSF1815	18 x 65	1.5	6 (3/4 inch)
SM-DSF2115	21 x 62	1.5	8 (3/4 inch)
SM-DSF2415	24 x 65	1.5	8 (3/4 inch)
SM-DSF242	24 x 72	2	8 (3/4 inch)
SM-DSF302	30 x 72	2	12 (3/4 inch)
SM-DSF3025	30 x 72	2.5	12 (3/4 inch)
SM-DSF362	36 x 72	2	12 (3/4 inch)
SM-DSF3625	36 x 72	2.5	12 (3/4 inch)
SM-DSF422	42 x 72	2	16 (1 inch)
SM-DSF4225	42 x 72	2.5	16 (1 inch)
SM-DSF423	42 x 72	3	16 (1 inch)
SM-DSF482	48 x 72	2	16 (1 inch)
SM-DSF4825	48 x 72	2.5	16 (1 inch)
SM-DSF483	48 x 72	3	16 (1 inch)
SM-DSF484	48 x 72	4	16 (1 inch)
SM-DSF633	63 x 86	3	20 (1 to 1.25 inch)
SM-DSF634	63 x 86	4	20 (1 to 1.25 inch)

Custom sizes, configurations, and materials are our specialty. Contact SWT with your requirements.