

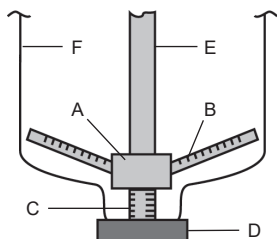
UNDERDRAIN ASSEMBLIES



WATER'S EDGE™ Z-STYLE TOP MOUNT DISTRIBUTORS



**Z-style distributor shown
mounted on blind flange.**



Z-style distributor includes:

- A. Hub
- B. Laterals
- C. Strainer

Additional:

- D. Blind flange
- E. Riser tube
- F. Fiberglass tank

SWT's **Water's Edge Z-style Top Mount Distributors** are manufactured of solid PVC bar stock and Schedule 80 PVC pipe. They are available with a 1.5-inch, 2-inch, or 3-inch socket riser tube port (riser tube available separately). All Z-style systems are intended for use in tanks with a blind bottom flange (bottom flange available separately). A slotted strainer is affixed to the bottom of the hub to eliminate dead zones between the closure and the hub.

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 ≤ 2 psi

Materials of Construction (Standard) PVC

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

Part Number	Tank Diameter	Riser Tube Port
SM-H1815Z-LR	18 inch	1.5 inch Socket
SM-H2115Z-LR	21 inch	1.5 inch Socket
SM-H2415Z-LR	24 inch	1.5 inch Socket
SM-H242Z-LR	24 inch	2 inch Socket
SM-H243Z-LR	24 inch	3 inch Socket
SM-H302Z-LR	30 inch	2 inch Socket
SM-H303Z-LR	30 inch	3 inch Socket
SM-H362Z-LR	36 inch	2 inch Socket
SM-H363Z-LR	36 inch	3 inch Socket
SM-H422Z-LR	42 inch	2 inch Socket
SM-H423Z-LR	42 inch	3 inch Socket
SM-H482Z-LR	48 inch	2 inch Socket
SM-H483Z-LR	48 inch	3 inch Socket

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

Also available: Machined blind flange closure for tanks with 6-inch bottom flange connection, includes hardware and gasket (P/N SM-DSF6BLIND).