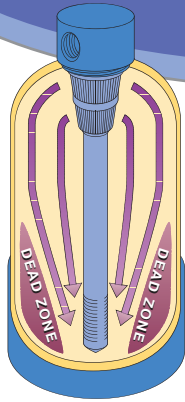


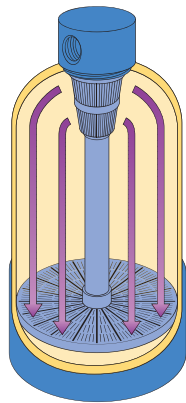
# Give it a whirl!

## Introducing the REVOLUTIONARY New CYCLONIC DISTRIBUTOR SYSTEM™



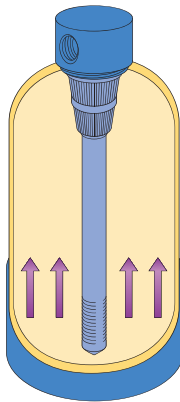
### Standard Service

leaves 'dead zones' of unused media in the bed and promotes channeling.



### Cyclonic Service

utilizes the entire media bed.

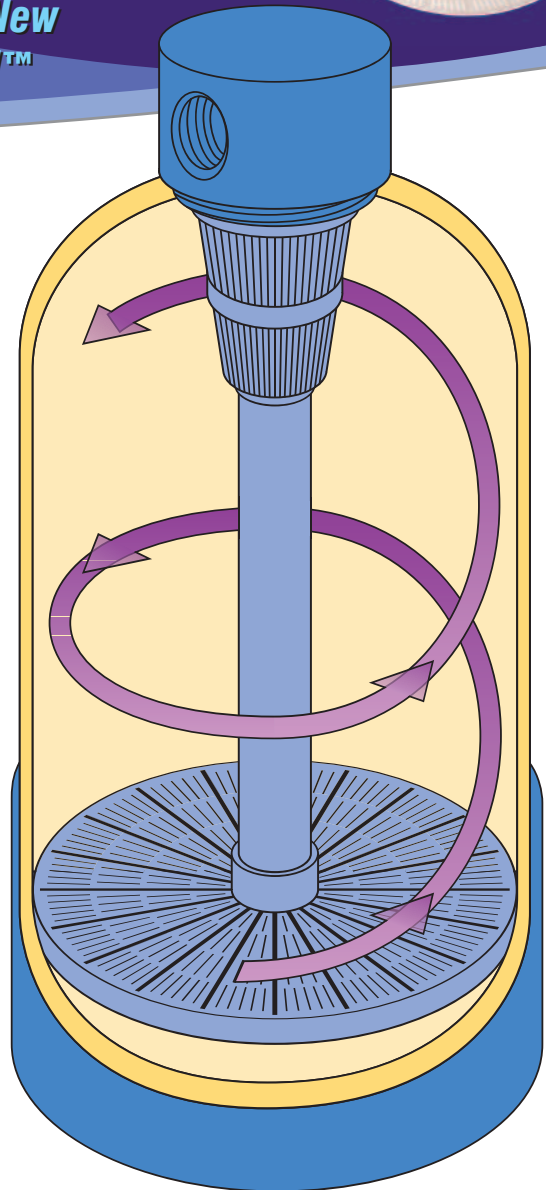


### Standard Backwash

lifts the bed.

### Cyclonic Backwash ▶

utilizes angled plate slots to expand the full bed and swirl the media; resulting in a more vigorous and effective cleaning of the entire media bed.



Available for 7 - 16 inch diameter tanks; Adapters for 1, 1.25, and 2 inch valves.



Now used in SWT MetalEase, FilterEase, Tannin, & Chloramine filtration systems.



### SAFE WATER TECHNOLOGIES

996 Bluff City Blvd.  
Elgin, IL 60120 USA  
847-888-6900  
info@swtwater.com  
www.swtwater.com

- Up to 30% less backwash flow rate is required...conserving water for the customer
- Distributor plate is designed for more than 6,500 lbs load capacity
- Reduces system pressure loss while increasing flow and efficiency through the bed

Residential composite vessels containing SWT's Cyclonic Distributor System™ (CDS), an innovative internal bottom plate distribution system, provide significant advantages over standard tanks — from the elimination of gravel underbedding (reducing overall cost and shipping weight) to the permanent attachment of the

riser tube and distribution plate (eliminating rebedding when servicing the valve). This environmentally friendly design offers the most efficient service and backwashing characteristics available — reducing the amount of water to drain in backwash, while increasing the overall filtration capacity of a system.

# DISTRIBUTION SYSTEMS



## CYCLONIC DISTRIBUTOR SYSTEMS™



The **Cyclonic Distributor System™** (CDS) is an innovative vessel technology providing higher flow rates, less pressure loss, improved treatment capacity, product flexibility, and water conservation. Simply put—smart technology. The CDS creates uniform water distribution in both service and regeneration flow paths to better utilize media surface area and depth, which extends the contaminant removal capacity of the media and subsequently requires less regeneration. Mid plates are also available to compartmentalize several different media in a single vessel—eliminating the need for multiple tank systems, reducing system costs, and providing easier installations and servicability.

### Cyclonic Distributor System™ Bottom Plates

Bottom Plate for 7 to 8 inch Diameter Tanks  
 Bottom Plate for 9 to 13 inch Diameter Tanks  
 Bottom Plate for 14 inch Diameter Tanks  
 Bottom Plate for 16 inch Diameter Tanks

### Cyclonic Distributor System™ Bottom Plate Riser Tube Adapters \*

1.050 Adapter for 1 inch Valves  
 1.050 Adapter for 1 inch Valves  
 (for Bottom Opening Stacked Tank Systems)  
 32mm Adapter for 32mm Valves  
 1.315 Adapter for 1.25 inch Valves  
 2.375 Adapter for 2 inch Valves and 16 inch CDS

### Cyclonic Distributor System™ Mid Plates \*\*

One (1) Mid Plate for 10 & 13 inch Diameter Tanks  
 Two (2) Mid Plates for 10 & 13 inch Diameter Tanks  
 Three (3) Mid Plates for 10 & 13 inch Diameter Tanks  
 (No Bottom Plate, only available with Dual Inlet Bottom Opening Vessels)  
 Four (4) Mid Plates for 10 & 13 inch Diameter Tanks  
 (No Bottom Plate, only available with Dual Inlet Bottom Opening Vessels)

### Cyclonic Distributor System™ Mid Plate Riser Tube Adapters \*

1.050 Adapter for 1 inch Valves  
 (for upper plate location of One Mid Plate Systems)  
 1.315 Adapter for 1.25 inch Valves  
 (for upper plate location of One Mid Plate Systems)  
 1.050 Adapter for 1 inch Valves  
 (for lower plate location of Two Mid Plate Systems)  
 1.315 Adapter for 1.25 inch Valves  
 (for lower plate location of Two Mid Plate Systems)

### Cyclonic Distributor System™ Mid Plate Accessories

Mid Plate Fill Tube Assembly  
 Mid Plate Center Adapter Installation and Removal Tool  
 Mid Plate Media Removal Tool

## Benefits

- Conserves water
- Softeners require less salt
- 30% less backwashing
- Increased resin capacity of 10 to 15% compared to standard basket distribution systems
- Eliminates rebedding when servicing the valve
- 100% corrosion free
- Reduces environmental impact
- Creates cleaner, more efficient water treatment systems

\* Quantities of 100 per box.

\*\* Only available on 10 & 13 inch diameter tanks. Bottom Plate required except for Dual Inlet Vessels.