



Manufacturing and distributing a complete line of superior cooling tower components.

# Purchase Quality!

with the "Vari-Flow SS Series" Distribution Valve and Traveling Sump Screen

## DISTRIBUTION VALVE

The "Vari-Flow" Distribution Valve is a direct replacement valve for all existing "Crossflow" Cooling Tower distribution valves. Manufactured from 304, 316 and duplex stainless steel and UHMW plastic eliminates corrosion and maintenance concerns.



**Sizes Available:**  
8", 10", 12", 14", 16", 18" and 20"

## TRAVELING SUMP SCREEN

The "Vari-Flow SS Series" Traveling Sump Screen is custom fabricated to easily replace stationary screens while your unit stays in full operation. Designed to eliminate exchanger fouling due to foreign debris.



**Available With:**  
Over 20 different screen-mesh sizes

## INTERNAL GUIDE & SUPPORT SYSTEM

The "Vari-Flow" valve has been designed with a superior internal guide system that supports the stem and disc providing the support needed to allow the valve to be used for balancing flow. Conventional distribution valves wear excessively due to the movement or chatter of the stem and disc as they encounter the turbulence of the water stream.



## MAINTENANCE FREE OPERATION

Another advantage of the 'Vari-Flow' valve is the combination of a stainless steel stem and a UHMW plastic bushing which requires no greasing or maintenance.

## POSITIVE SHUT-OFF

Along with the guide system which centers the disc and places the disc surface parallel to the sealing face, an improved gasket system allows complete (positive) shut-off of the water stream, without the persistent leaking associated with conventional valves. Along with its other unequalled features the "Vari-Flow" SS Distribution Valve has 30% more discharge area and 40% less weight than conventional distribution valves making it the new industry standard.



## THE "VARI-FLOW SS SERIES" TRAVELING SUMP SCREEN

Traveling sump screen revolutionizes cooling tower sump screen technology. Incorporating low cost and ease-of-operation while not requiring any lifting equipment for cleaning purposes. The self-cleaning design eliminates water differential concerns associated with multiple-fixed screens. Our rugged stainless steel and UHMW plastic construction requires no maintenance or lubrication. Choose from over 20 different screen-mesh sizes to protect even the smallest exchanger tubes.

The Vari-Flow SS Series is designed, manufactured and marketed exclusively by



For more information  
**(225)381-8232**



The Vari-Flow SS Series is designed, manufactured and marketed exclusively by Cooling Tower Valves & Screens, LLC.  
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