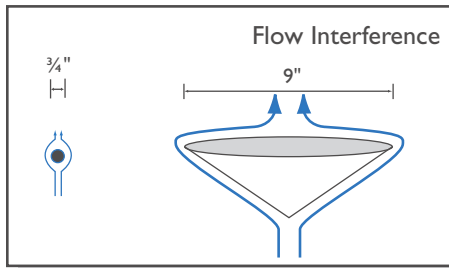
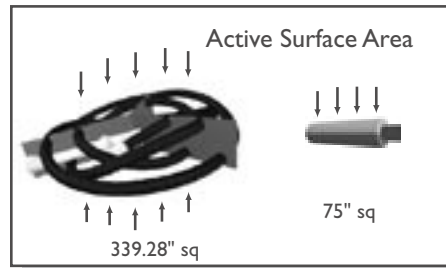


# Twister™ TB16 vs. the Competition...



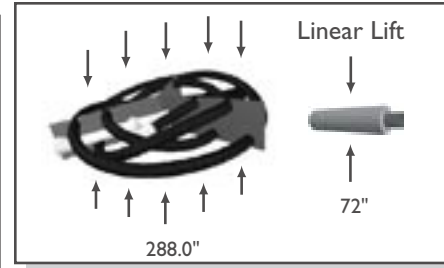
## Flow Interference

THE MEMBRANE USED ON THE TWISTER™ TB16 is only .75" in diameter, creating only .75" of water displacement. A standard 9" disk creates a 9" barrier that the water must travel around in order to fill the low pressure area above the diffuser. The TB16 is therefore 12 times more "aerodynamic" by design.



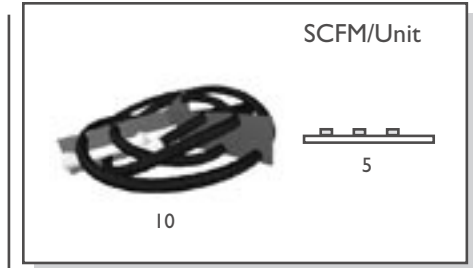
## Active Surface Area

THE SURFACE AREA ON A TWISTER™ TB16 diffuser is over 4 times greater than the active area of a standard 2" tube. The Twister™ TB16 uses 12 feet of .75" OD membrane yielding 339.28 square inches of active surface area. The 2" tube has a total surface area of 150 square inches, yet it yields only 75 square inches of active surface area.



## Linear Lift

THE LENGTH OF A TUBE DEFINES ITS LINEAR LIFT. For a 36" inch tube, this distance is 72 inches. The Twister™ TB16 effectively utilizes all sides of the membrane creating 4 times the linear lift of a 3" tube. Combined with its "aerodynamic" design, this gives the Twister™ TB16 superior mixing capabilities.



## SCFM/Unit

THE TWISTER™ TB16 IS CAPABLE OF DIFFUSING 100% more air than a ceramic diffuser. Superior SOTE ratings, design, surface area, lift and air flow all contribute to the exceptional performance exhibited by the Twister™ TB16 diffuser from MixAirTech. It is simply the best.

## At A Glance

**Flow Interference** - The distance water must travel around to fill the space above the diffuser. The smaller the better.

**Active Surface Area** - The area that actively produces bubbles. The greater this number, the better.

**Linear Lift** - Combined with Flow Interference, this number helps determine how much a diffuser can mix. The greater this number, the better.

**SCFM/Unit** - The typical amount of air a diffuser can produce each minute. The broader the range, the better.

## What Makes MixAir Diffusers Better?

	Twister™ TB16	9" Disk Ceramic or Membrane	2" X 24" Tube Ceramic or Membrane	3" X 36" Tube Membrane	4 Stone Ceramic	6 Stone Ceramic
Flow Interference In inches	.75	9	2	3	18	24
Active Surface Area In square inches	339.28	60.1	75	170	36	54
Linear Lift In inches	288.0	28.3	48	72	30	33
SCFM/Unit	.25-10	.5-7	.5-4	.5-4	.5-4	.5-5