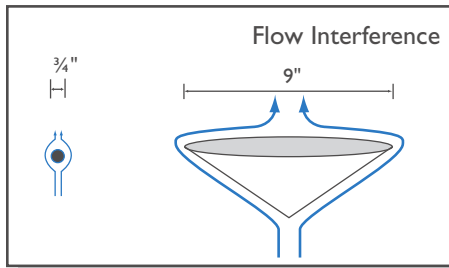
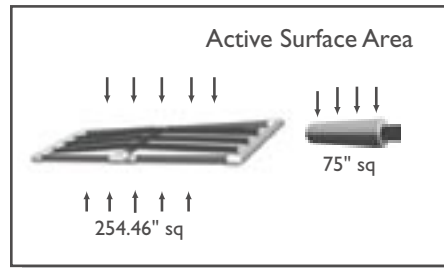


Bubbler™ BB38 vs. the Competition...



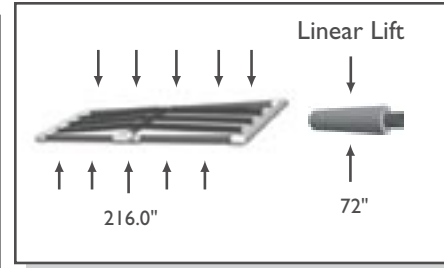
Flow Interference

THE MEMBRANE USED ON THE BUBBLER™ BB38 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 BB38 is therefore 12 times more "aerodynamic" by design.



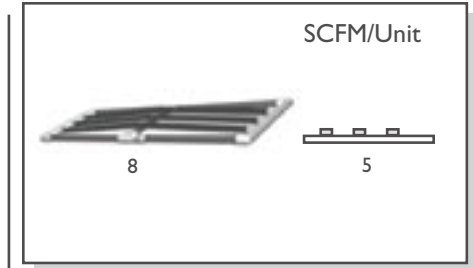
Active Surface Area

THE SURFACE AREA ON A BUBBLER™ BB38 diffuser is over 3 times greater than the active area of a standard 2" tube. The Bubbler™ BB38 uses 9 feet of .75" OD membrane yielding 254.46 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 Bubbler™ BB38 effectively utilizes all sides of the membrane creating 3 times the linear lift of a 3" tube. Combined with its "aerodynamic" design, this gives the Bubbler™ BB38 superior mixing capabilities.



SCFM/Unit

THE BUBBLER™ BB38 IS CAPABLE OF DIFFUSING 60% 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 Bubbler™ BB38 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?

	Bubbler™ BB38	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	254.46	60.1	75	170	36	54
Linear Lift In inches	216.0	28.3	48	72	30	33
SCFM/Unit	.25 - 8	.5-7	.5-4	.5-4	.5-4	.5-5