

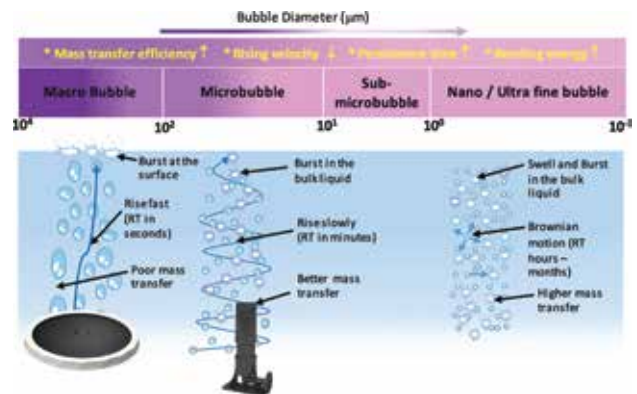
# Hydrodynamic diffusers



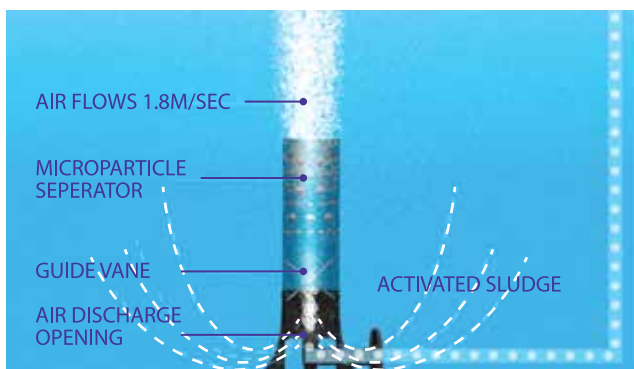
## Gasion

provides microbubble generating diffusers for the aeration market

- COMPLETELY CONSTRUCTED OF PLASTICS
- HIGH AIR FLOW ABOUT 100 CUM/ HOUR
- ONE AERATOR CAN REPLACE 20 DISC DIFFUSER OR 10 TUBE DIFFUSER
- GENERATES MICRO BUBBLES WITH MORE SURFACE AREA COMPARED TO MILLIMETER BUBBLES OF OTHER DIFFUSERS. ZIGZAG BUBBLE PATH
- MORE RETENTION TIME OF BUBBLES BECAUSE OF VERY LOW BUOYANCY
- HIGH OXYGEN TRANSFER
- NO CLOGGING - AIR DISCHARGED FROM LARGE OPENING OF ABOUT 30MM
- HIGH VOLUME CIRCULATION OF AERATION TANKS



- NO SLUDGE BUILDUP
- NO NEED FOR PERIODIC CHEMICAL CLEANING
- NO DOWNTIMES FOR MAINTENANCE
- OTR MAINTAINED AT CONSTANT EFFICIENCY THROUGHOUT ITS LIFETIME
- GUARANTEED LIFETIME OF 20 YEARS
- NO REPLACEMENT NEEDED
- ALPHA FACTOR 1, HENCE ENERGY CONSUMPTION REDUCES
- CAN BE ALSO USED FOR SLUDGE DIGESTION
- CAN BE INSTALLED FROM TOP ...NO NEED FOR TANK EMPTYING
- NO BOTTOM ANCHORING REQUIRED



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