

DIFFUSER SPECIFICATIONS:

Twister™ TB16



I. Description

Designed for aeration of lakes and ponds or for a vigorous mixing device of industrial tanks in one energy efficient aeration and mixing device. Ideal CFM range is 3.00 - 9.00 at a minimum depth of 5 foot and mixes 212,976 gallons per hour.

II. Specifications

- Open-spiral, multi-plane, fine bubble diffuser
- Frame: Schedule 40/80 PVC, UV inhibited
- Membrane: 0.85" (2.2 cm) O.D. patent protected compound extrusion
- Dimensions: 18" (45.7 cm) D x 4" (10.2 cm) H
- Weight: 3.36 lb (1.53 kg)
- Flow Interference: 0.85" (2.2 cm)
- Active Surface Area: 408 in² (2632 cm²)
- Linear Lift: 306" (777 cm)
- Fitting: ½" FNPT

III. Performance

Air Flow SCFM	SAE lbs O ² /hr/hp	SOTE %/ft of submergence	Head Loss Inches of H ₂ O	Head Loss PSI
3.0	6.78	2.40	6.92	0.25
6.0	5.33	2.25	10.79	0.39
9.0	4.52	2.18	19.36	0.70

Independent test data is based on ASCE Certified Test for MixAir TA22 and other approved testing of MixAir TB16. SAE = Standard Aerator Efficiency, SOTE = Standard Oxygen Transfer Efficiency.

IV. Requirements

- ½" MNPT fitting for air supply
- Blower/compressor capable of supplying appropriate PSI and/or SCFM
- Optional: Variable Weight Ballast with built-in manifold
- Optional: Sinking Hose
- Optional: Check Valve

V. Warranty

3 Year Warranty: 1st year full, 2nd and 3rd year prorated.