

DIFFUSER SPECIFICATIONS:

Water Bug™ WBB2



I. Description

Economical diffuser for water gardens or tanks requiring single or multiple source points of aeration. Ideal CFM range is 0.25 - 0.75 at a minimum depth of 1 foot and mixes 17,837 gallons per hour.

II. Specifications

- 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: 15.5" (39.4 cm) L x 2" (5.1 cm) W x 2" (5.1 cm) H
- Weight: 3 lb (1.36 kg)
- Flow Interference: 0.85" (2.2 cm)
- Active Surface Area: 32 in² (207 cm²)
- Linear Lift: 24" (61 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
¼	6.78	2.40	6.92	0.25
½	5.33	2.25	10.79	0.39
¾	4.52	2.18	19.36	0.70
1	3.65	1.81	31.81	1.15

Independent test data is based on ASCE Certified Test for MixAir TA22 and other approved testing of MixAir WBB2. SAE = Standard Aerator Efficiency, SOTE = Standard Oxygen Transfer Efficiency.

IV. Requirements

- Field assembly required
- 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

1 Year Full Warranty.