

## SPECIFICATION SHEET

# Water Bug™ WBB4



### I. Description

Economical diffuser for smaller shallow ponds, water gardens or tanks requiring multiple aerators; for depths over 2'; operate at 0.5 - 1.5 SCFM.

### 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: 15.1" (38.4 cm) L x 6.5" (16.5 cm) W x 1.75" (4.4 cm) H
- Weight: 0.7 lbs (1.54 kg)
- Flow Interference: 0.85" (2.2 cm)
- Active Surface Area: 64 in<sup>2</sup> (414 cm<sup>2</sup>)
- Linear Lift: 48" (122 cm)
- Fitting: ½" FNPT

### III. Performance

Air Flow SCFM	SAE lbs O <sub>2</sub> /hr/hp	SOTE %/ft of submergence	Head Loss Inches of H <sub>2</sub> O	Head Loss PSI
1/2	6.78	1.81	6.92	0.25
1	5.33	2.18	10.79	0.39
1 1/2	4.52	2.25	19.36	0.70

Independent test data is based on ASCE Certified Test for MixAir TA22 and other approved testing of MixAir WBB4. 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: Medium Ballast
- Optional: Sinking Hose
- Optional: Universal Connector Kits - Diffuser, Check Valve and Tagline Kit

### V. Warranty

1 Year Full Warranty.