

SPECIFICATION SHEET

Ornamental™ OB1



I. Description

For small backyard ponds or odd shaped shallow ponds; fill ballast completely with pea gravel; for depths over 1'; operate at 0.375 - 1.125 SCFM.

II. Specifications

- Fine bubble diffuser
- Frame: Schedule 40/80 PVC, UV inhibited
- Membrane: 0.85" (2.2 cm) O.D. patent protected compound extrusion
- Dimensions: 8.75" (22.2 cm) W x 7.8" (19.8 cm) D x 3.2" (8.1 cm)H
- Weight: 1.25 lbs (0.57 kg)
- Flow Interference: 0.85" (2.2 cm)
- Active Surface Area: 48 in² (310 cm²)
- Linear Lift: 36" (91 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 / ₈ (0.375)	6.78	2.40	6.92	0.25
³ / ₄ (0.750)	5.33	2.25	10.79	0.39
¹¹ / ₈ (1.125)	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 OB1. 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: Sinking Hose
- Optional: Universal Connector Kit - Check Valve and Tagline Kit

V. Warranty

1 Year Full Warranty.