Solaer® SB1 and SB2

The Keeton Industries Solaer series of solar powered lake bed aeration systems are the ideal choice for remote ponds and lakes where power is not available or for an environmentally conscious solution. The SB-1 and SB-2 are effective in aerating ponds and lakes up to 2 surface acres in size. These systems come complete with a high efficiency solar panel, charge control system, battery back-up, ecoFlow energy efficient compressor, high volume cooling fans, programmable digital timer and a fully adjustable aluminum manifold housed in attractive, 100% recycled plastic cabinet. Duraplate self-cleaning, non-clogging membrane diffusers emit millions of tiny bubbles that increase dissolved oxygen levels while eliminating stratification, improving water quality and clarity.

**The Cabinet**
- Attractive, 100% recycled plastic cabinet
- 20"W x 24"L x 27"H
- 37cfm cooling blower
- Two - 2 Valve Adjustable Manifolds
- Programmable Digital Timer
- Sound reduction package
- 1" ASTM certified Acoustical Foam
- Charge Control System
- Dual EcoFlow 24V Compressors
- 24 V High Efficiency Solar Panel

**The Tubing**
- Self-weighted
- 1/2".I.D. with 1/4" sidewalls
- Fishhook resistant
- Will not kink or break
- Available in 100’ and 500’ lengths
- 15 year warranty

**The Diffuser**
- Self-cleaning
- Non-clogging
- Self-weighted
- Fishhook resistant
- High Oxygen transfer
- Lifetime warranty

**Model** | **Features**
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SB-1 | 1 Diffuser
SB-1B | 1 Diffuser & 100’ of Tubing
SB-2 | 2 Diffusers
SB-2B | 2 Diffusers & 200’ of Tubing

Shown with Level-aer Equipment Pad – additional upgrade.

KeetonAquatics.com | 800.493.4831 | 970.568.7754
1520 Aquatic Drive - Wellington, CO 80549
**Solaer® SB1 and SB2**

**Model FPF-546-2**

**Modified Aluminum Manifold with**

(2) Brass Valves with Barb Outlets.

**SB Series Aeration System**

**Schedule 40**

**100% Recycled Plastic**

**With the Dimensions**

25.5" (L) x 21.5" (W) x 18.5" (H)

**Front Panel**

**Solar Charge Control**

**Digital Display**

**Dial Controls**

24 Hour/7 Day Digital Timer/Switch Series 884

**In Plastic Enclosure**

**24V, Spot and Spot Switching, 1 Channel, 6.5AH x 0.8mm Tab Terminal(s) Connection(s) (Complies with**

**DIN 46244)**

**Cooling/Ventilation Blower, 37 CFM**

**24 Vac Compressor**

**Air Filter**

**Pump of Capacity, Rated and Valved with Alumina**

**Conductive Foam Insulation.**

**6 CFM, EER 4.70, TO THE NAECA/NEAP LAMPS/PF WITH A NOISE REDUCTION COEFFICIENT OF 0.40.**

**Osha Approved Sump Sealing and UL-94 Rating.**

(2) DC 115-12 Deep Cycle AMG Batteries.

**SB Series Line Aeration System**

**Schedule 40**

**100% Recycled Plastic**

**With the Dimensions**

25.5" (L) x 21.5" (W) x 18.5" (H). Cabinet Lid Cover Secured with Piano Hinge (Race) and Lockable Hasp (Front).

**(2) Air Outlet Lines from Compressor Through Cabinet**

**WF60k**

**220 PSI Rated Flexible Braided Vinyl Tubing. Each Flexible Tubing Outlet Shall be 4'-0" Long and Fitted with**

**ID Barbs Connects.**

**All Aeration Systems Shall Be Furnished with Stainess Steel/Aluminum Clamps to TP**

**Model 67-26-1 To Connect on Shore and to Coroplast(s)**

**(200-7) in Lake.**

**Cabinet is Constructed with (4) Legs that Can Be Bolted to a Concrete Slab**

**24" (L) x 24" (W) x 4" (H).**

**Title:**

**Solaer Aeration System**

**SB 1-2 Series - Multi View**

**Date:**

1/17/2012

**Sheet:**

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