

High-Efficiency DB36 Diffuser

Designed to go hand-in-hand with our SD & AC Series of Lake Aerators, U.S. Solar Mounts' new **High-Efficiency** Diffusers are a step above the rest. Utilizing aeration tubing instead of industry-standard rubber membranes, these diffusers offer **greater flow** rates with **much lower backpressure**. With hidden benefits like **reduced system wear** and **extended life** on compressors, use them to improve the effectiveness of **any** aeration system.

Each diffuser is ruggedly constructed using high-quality, **American-Made** components with a proven history of durability. Features like a built-in handle, hose strain relief, and a lightweight design maintains function and ease-of-use.

Looks great. Works better. Always. The new American Standard.

Innovative Design, Inside & Out

Diffuser Features:

- 36" of High-Efficiency Aeration Tubing
- Virtually No Added Backpressure
- Check Valve Included
- Lightweight Design for Shipping and Handling
- Pre-Weighted Base - no fill required
- Stainless Steel - Completely Corrosion Resistant
- Unique Design
- Built-In Handle for Easy Deployment
- Included Hose Strain Relief
- Easy to Clean and Very Low Maintenance
- Effective up to 50'
- 3mm Bubbles for Increased Diffusion Rates



Higher Flow

Lower Pressure

Smaller Bubbles

Greater Diffusion

Flow Comparison

| CFM Applied | USSM Diffuser | Aqua Control (4) - 1" Membrane Tubes | Otterbine (4) - 9" Round Membranes | Vertex (5) - 9" Round Membranes | Aquatic Ecosystems (4) - 1" Membrane Tubes |
|-------------|----------------|--------------------------------------|------------------------------------|---------------------------------|--------------------------------------------|
| 2.0 | 600 GPM | 485 GPM | 734 GPM | 927 GPM | 691 GPM |

*Measurements shown in gallons per minute of flow