

ROBUST-AIRE™ DIFFUSED AERATION SYSTEMS



Efficient & Effective Diffused Aeration

Kasco has been providing innovative water quality solutions for over 50 years. By pumping compressed air from a shore-mounted compressor, air is pushed through self-weighted lines to a diffuser on the pond, lake or tank bottom. The diffuser then continuously releases micro-bubbles that rise to the surface carrying large volumes of water. This induces oxygen-transfer as well as beneficial water movement and mixing. Common applications include: backyard ponds & lakes, industrial, mixing, winterkill prevention, waterfowl protection, and more.

Leaders in Aeration

Independent third-party testing results show the Kasco Robust-Aire™ diffuser to be up to 44% more efficient than other products available on the market today. This system moves water faster, with less energy than similar competitive units.

MULTIPLE MOUNTING OPTIONS

Mount your Robust-Aire™ Diffuser system how it best fits your needs. Choose from the base mount cabinet, the post mount cabinet, or the no cabinet option.



BASE MOUNT CABINET

- 24 in. x 18 in. x 20 in.
- Up to 2 cooling fans provide 110 CFM of ventilation each
- Can operate 1-6 diffusers
- Acoustical foam included in cabinet to reduce noise levels.



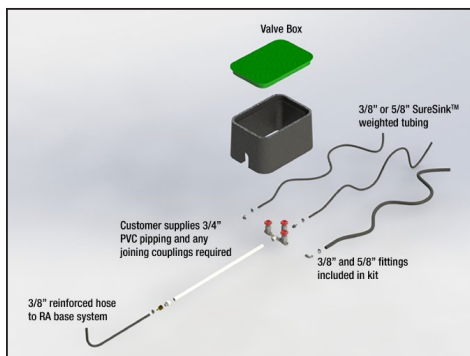
POST MOUNT CABINET

- 19 in. x 12 in. x 12 in.
- Single cooling fan provides 110 CFM of ventilation
- Can operate 1-3 diffusers
- Acoustical foam included in cabinet to reduce noise levels



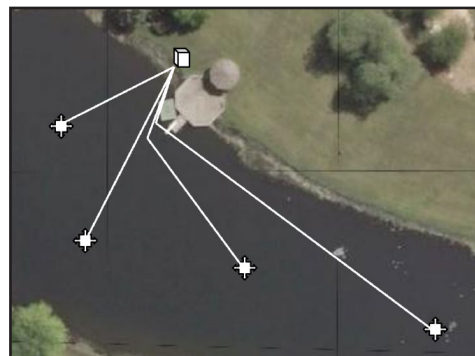
NO CABINET

- Mounting brackets allow for easy installation
- Must be protected from weather and allows for adequate ventilation
- Single cooling fan provides 110 CFM of ventilation



REMOTE MANIFOLD OPTION

Kasco also offers a remote manifold installation option. This allows you to run one main header line thousands of feet instead of many smaller lines the same distance. A valve box at the shore then take the main line and splits it to multiple diffuser lines.



APPLICATION DESIGN ASSISTANCE

Through the use of Google Earth, Kasco can present a complete system layout using an aerial view of your pond or lake. All we need from you is your water body address, accurate depths, and power type and location.

Benefits of Robust-Aire™ :

- Easy to install, use, and maintain
- No electricity in water (safe for swimming and public use)
- Designed and built for continuous operation
- Creates open water to prevent ice damage to docks and boats
- Can be installed great distances from power
- Eliminates thermal and chemical stratification
- Increases oxidation at bottom to speed up organic decomposition
- Expands fish habitat
- Low maintenance rocking-piston compressors capable of aerating to depths up to 50 ft.
- Rocking Piston compressors available in 1/4, 1/2, and 3/4 HP

WARRANTY:

- Diffusers: 5 years
- Teich-Aire™ Compressors: 2 years
- Cabinet: 5 years
- SureSink™ Weighted Tubing: 10 years

Kasco®

Moving Water Forward, Since 1968

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