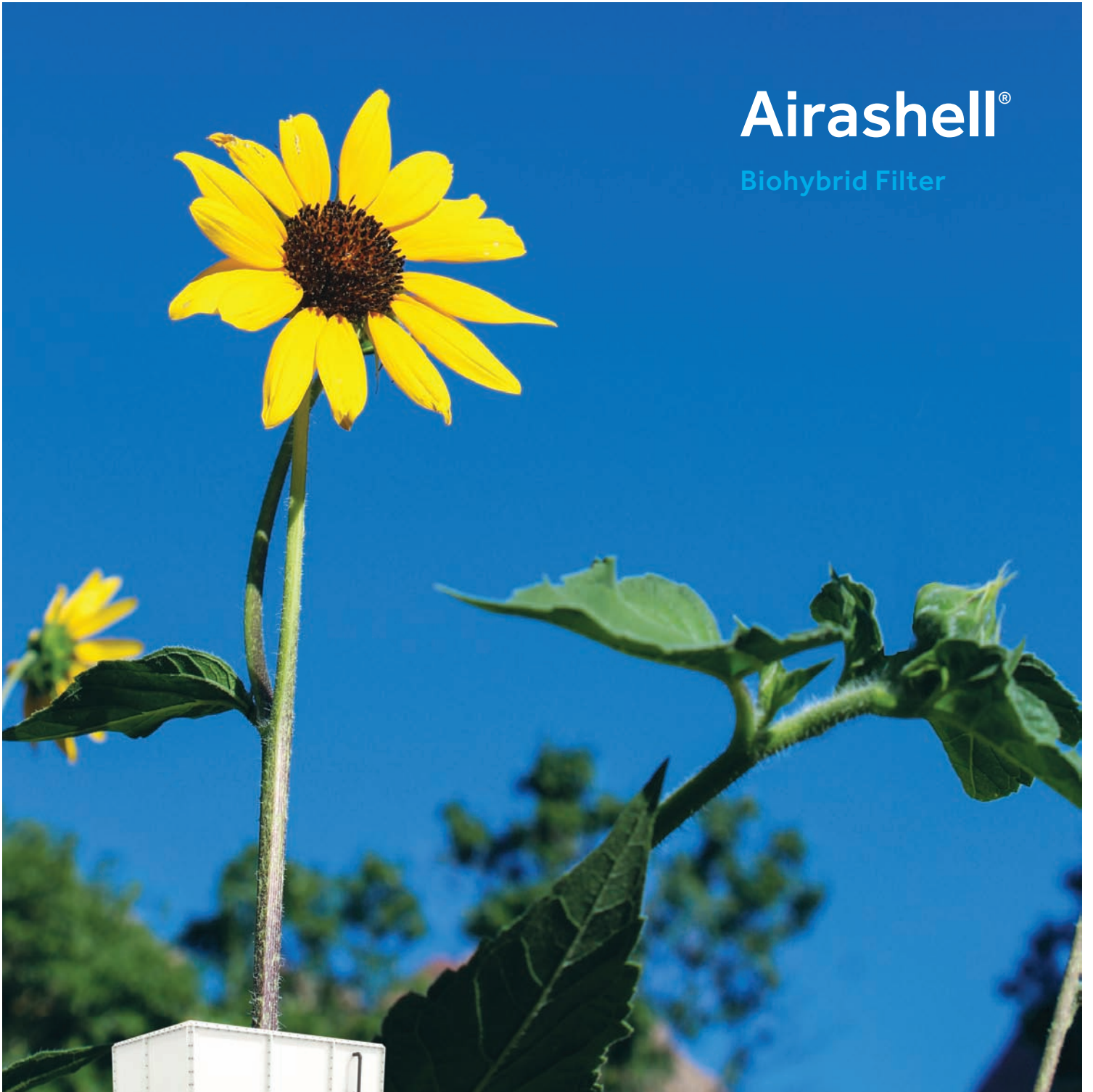


Airashell®

Biohybrid Filter



The Airashell Biohybrid Filter is a proven and cost-effective solution for contaminated air treatment. Airashell uniquely combines biological treatment technology. This feature eliminates the need for chemicals or carbon polishing.

Airashell

Wastewater infrastructure, composting operations, and industrial manufacturing processes release a wide variety of contaminants into the air. These by-products can cause adverse health effects, odor production, and significant corrosion.

The Airashell Biohybrid Filter utilizes recycled seashells as filter media to harness the power of nature and to balance pH. The shell media, water, and microorganisms create an optimal microenvironment for contaminated air treatment. This ensures optimal performance across a broad range of odorous and corrosive compounds.

Applications

Manhole or sewage lift stations

Wastewater treatment plants

Sludge processing facilities

Manufacturing facilities

Solid waste operations

Industrial operations

Composting facilities

Why Choose Airashell?

- Robust system can handle high variability in H₂S concentrations
- Prepackaged system that treats a wide variety of sulfur and nitrogen based compounds
- No polishing stage necessary
- Recycled by-product protects the environment while reducing solid waste
- No continuous nutrient or chemical addition required
- Low life-cycle cost and easy operation
- Modular system with small footprint



Quahog shells

