

SUGOI Super Purifier



**Supply high quality water
with Japan's most advanced membrane technology**

1 Safe water during floods and outbreaks

2 Removes cholera and E. coli

3 Solar-powered, for off-grid villages & camps

Clean Water Wherever It's Needed Most

In disaster zones, flood-affected regions, and rural off-grid communities, access to clean drinking water is critical — yet often compromised.

In many regions, groundwater contamination is increasing, making it even harder to secure safe water on a daily basis.

Super Purifier SUGOI delivers safe, reliable water by removing 99.9% of bacteria, including cholera and E. coli, using advanced hollow fiber membrane filtration.

Solar-Powered & Built for the Field

SUGOI is designed for environments without stable electricity.

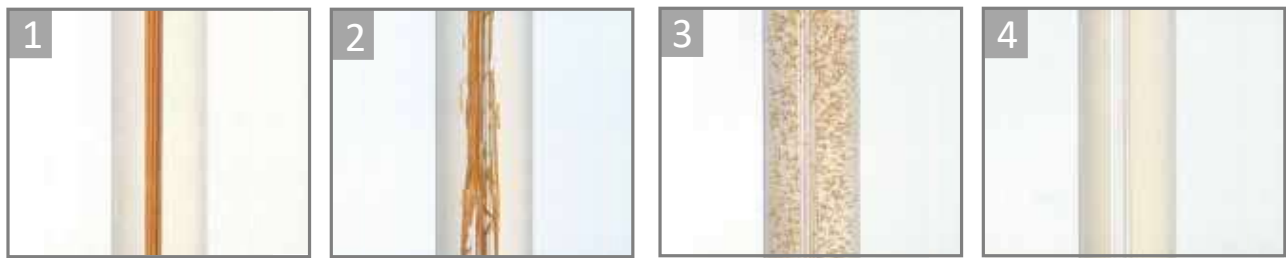
Despite its compact size, it delivers powerful performance — producing up to 1,000 liters of drinking water per hour using solar power.

This makes it ideal for villages, refugee camps, and emergency response settings.

Additional units can be easily installed to increase capacity, allowing flexible deployment based on community size and population growth.

Low Maintenance System

5-Year Filter Life with Air Backwash

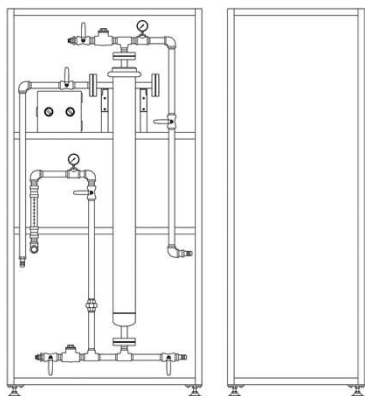


SUGOI is equipped with an air-assisted backwash system that cleans the membrane surface without chemicals.

Compressed air is injected into the membrane, lifting and removing trapped impurities using air bubbles.

This function significantly reduces clogging and allows the membrane to maintain high performance for up to 5 years without replacement.

Technical Specifications



Model	SF7-150
Size / weight	W850 x D620 x H1700 mm / 100 kg
Filtration Capacity	Up to Approx. 16 L / minute
Power	300W / Solar-compatible
Filter Type	Hollow Fiber Membrane
Maintenance	Air-assisted membrane cleaning