



PROJECT SPOTLIGHT

Ardag Aquaculture



BACKGROUND & OBJECTIVES

Ardag operates an aquaculture facility in Eilat, where maintaining stable and high-quality seawater conditions is critical to system performance and fish health at their R&D Facility.

The project required **fine filtration of seawater down to 25 microns** as part of the treatment process prior to UV disinfection.

Key objectives included:

- Ensuring continuous water flow without interruption during cleaning cycles
- Minimizing water loss through high recovery filtration
- Providing a reliable, low-maintenance solution suitable for marine conditions
- Integrating a compact and efficient filtration system into the existing process

INDUSTRY

Aquaculture

APPLICATION

Pre-filtration before UV system

FILTERSAFE

- 20+ years filtration experience
- 3,500+ installations
- 10µm upwards & 9,000 m³/hr
- Modular filter technology

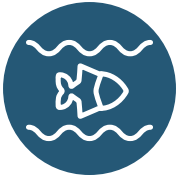
Filtersafe Model	Manta 162	Client	Ardag
Filtration Degree	25 micron, 904L screen	Installation Date	March 1, 2026
Location	Eilat, Israel	Water Source	Seawater
Flow Rate	500 m ³ /h	System Role	Post-treatment filtration following primary filtration, prior to UV disinfection

FILTERSAFE SOLUTION

Filtersafe supplied a **Manta 162 automatic self-cleaning filter**, installed.

Filtersafe was chosen for the Manta's continuous, reliable seawater filtration down to 25 microns, low maintenance design, and plug and play design that seamlessly fit into the aquaculture system.





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