

Case Study

Aquifer 4000 in Palestine

 HUMANITARIAN AID

KATADYN GROUP
SWITZERLAND

Project: Spectra Watermakers

Overview

Aquifer 4000 in the Gaza Strip, Palestine

Four Spectra Watermakers Aquifer 4000s have been deployed to the Gaza Strip to provide portable water to displacement shelters.

Product: Aquifer 4000

Year: 2024

Location

Gaza Strip, Palestine



Project description

In the Gaza Strip, Palestine, the Israeli-Palestinian conflict has severely impacted access to water and aid, creating significant challenges for the local population. Many struggle to obtain clean water, leading to health risks and sanitation concerns. Economic hardship and displacement further compound the crisis, underscoring the urgent need for humanitarian aid to provide essential supplies and support.

To address this need, Spectra Watermakers sent four Aquifer 4000s to NGOs, which were then installed serving nearly 400 families.

About the Watermaker

The Aquifer 4000 is a high-volume desalination system designed to make 16 m³ per day (4,300 GPD) of drinking water from any water source including fresh, brackish and seawater. This new highly portable system can be carried easily by a two-person team. The Aquifer 4000 is an energy efficient system that requires a small 3.5 kW generator for operation and was designed to survive in the toughest environments. This system is ideal for Disaster Relief, Humanitarian Programs and applications where portability is a necessity.

About the Katadyn Group

The Katadyn Group is a global corporate group specialized in the area of self-sufficient nutrition and drinking water supply. Its brands include Katadyn, Trek'n Eat, AlpineAire Foods, Optimus, Pharmavoyage, Micropur, Certisil, Steripen, and Spectra Watermakers. With this broad brand portfolio, the group provides products and solutions for the outdoor and marine industries as well as for industrial and municipal needs. Its diverse product portfolio ranges from freeze-dried specialty meals and outdoor cooking gear to mobile and land-based water desalination systems and specialized disinfection systems for the industry. Indeed, humanitarian aid organizations and the military for years have been regular customers of the Swiss group of companies. With headquarters in Kempthal, the Katadyn Group employs about 200 people at its subsidiaries in Europe, Asia, and the United States.

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