



Category: Laundry Services.

Sub Category: Waste water treatment, Water resources management.

www.aquasolutions.co.il

Company profile

Aqua Solutions has brought to market a patented, first of its kind eco-friendly laundry solution for industrial laundries, that integrates with existing washing machines. Aqua Solutions AS-System performs the standard laundry cleaning process using electro-activated water instead of chemicals used today. Aqua solutions saves laundries money by decreasing water and electricity consumption and dramatically reducing the amount of chemicals used. The environmentally friendly solution achieved drastically reduces the amount of phosphates and non-biodegradable materials in the laundry wastewater. Aqua Solutions' customers include Industrial Laundries, hotels and hospitals. To date, Aqua Solutions has over a dozen installations worldwide.

Date of establishment: 2004

No. of employees: 10

Background on the company

Founded 6 years ago, Aqua Solutions has developed a patented electrochemically based system generating environmentally friendly cleaning solutions. Aqua Solutions' founders and staff include professionals from the domains of Electrochemistry, Laundry solutions & Environmental services. Aqua Solutions' cleaning ability, has been tested by WFK research facilities in Germany, where results showed cleaning abilities as effective as detergent laundering.

Main advantages:

- Economic - Quick ROI, saves money on utilities and laundry materials (benefits include: water consumption decreased by 50%, energy consumption by up to 80%, amount of chemicals in the laundry process reduced by 80%-90% and fabric life increased by 20%).
- Green - Ecologic, environmentally friendly solution - highly biodegradable wastewater is achieved.
- Laundry experts - Partnering with laundry experts at Aqua Solutions for long term sustainable success.

Examples of past projects

- Sofitel luxury hotels
- Sol Melia
- GMP textile care services
- Strauss (food industry)
- Various laundries worldwide

Technology & product(s)

General description:

Aqua Solutions AS-system generates environmentally friendly cleaning and disinfecting liquid solutions needed in the laundry process.

Function of the product(s):

- AS-system uses an electrochemical reaction to create 2 solutions that replace the detergent's dirt removal action and the disinfecting process.
- Aqua Solutions AS 200 cleaning technologies have been laboratory tested and proved to be as effective as standard detergent-based methods but much more environmental friendly.

Objectives / Target companies

Industrial laundries, laundry equipment/services providers, Hotel chains, Hospitals.