

CASE STUDY IKEA store – Italy

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*Electricity consumption decreased by 21% after the installation of the intelligent adiabatic **Smart Cooling™** system on IKEA’s cooling equipment.”*



SHAKED, TESTED AND PROVEN.

Efficacy results were tested, analyzed and validated. Tests were performed using **BTU** liquid flow and temperature meter **RIF600** and energy monitoring equipment **Eniscope** analytics.

CUSTOMER

IKEA, arguably Sweden’s most well-known international company, designs and retails flat-pack furniture. The company offers a vast range of furniture for home, garden, office and more. IKEA operates over 400 stores in 52 countries and is the world’s largest furniture retailer.

Smart Cooling™ is proud to have IKEA as one of the customers to whom we provide worldwide services.

CHALLENGE

IKEA’s energy saving program places great importance in electricity consumption reduction. In this particular project, the goal was set to install customized adiabatic **Smart Cooling™** equipment on three Climaveneta chillers (models FOCS-CA/LN 5424 and FOCS-N/B 26622 S).

SOLUTION

The intelligent adiabatic **Smart Cooling™** system was recognized by IKEA as the most effective and reliable pre-cooling solution for its cooling equipment.

Electricity consumption measuring was set up at the site to gather precise data on electricity savings. The results shown by the data is a drop, in average, of 21% in electricity consumption.

RESULTS

The intelligent adiabatic **Smart Cooling™** continues to support IKEA in the fulfillment of their energy saving program by offering state-of-the-art equipment and measurable results. The return on investment (ROI) period of the installed equipment is 36 months.



ELECTRIC ENERGY CONSUMPTION REDUCED BY

↓ 21%

ROI
36
MONTHS

The intelligent adiabatic **Smart Cooling™** system is a proven, state-of-the-art cost-saving pre-cooling technology.

- Modular system
- Suitable for all types of dry coolers and chillers
- Easy and fast installation
- Certified system and approved by major cooling equipment manufactures
- Minimal maintenance

