



**Challis**  
Water Controls

## CASE STUDY

**SECTOR:** Hotel

**CLIENT:** Accor Hotels

**CONTRACTOR:** In House

**LOCATION:** Nationwide

**PROJECT DESCRIPTION:** The Accor Hotels Group consists of the following well known hotel brands Novotel, Sofitel, Ibis, Mercure, Etap & Formule 1. As one of the largest hotel groups in the UK and with over 4,000 hotels across Europe and the World reducing water and energy requirement across their estate was becoming an increasingly important consideration. With over 13,000 rooms in the UK here seemed an ideal location to start what has proven to be a very successful environmental and cost reduction initiative.



**CUSTOMER REQUIREMENTS:** Every year, Accor consumes as much water as a city of 850,000 inhabitants and as much energy as a city of 350,000 with this in mind and at a time of increasing energy costs reducing water and energy costs across the estate was of paramount importance. One of Accor Hotels main consideration in this project was maintaining levels of customer comfort whilst reducing water & energy requirement. With our patented aeration action within our 412 unit we managed to reduce water consumption by 50% whilst still maintaining the power, full flow feel and effect that Accor Hotels Guests have come to expect.

**UNITS FITTED:** 13,000 x LSP-412 (Chrome) Hand Held Water Saving Showers across the complete UK Estate

**SAVINGS ACHIEVED:** Average savings achieved across the estate have now been logged at 30% reduction in water usage through the showers. This equates to significant saving in water and heating energy usage across the estate. In real terms an excellent return on investment.

**CUSTOMER COMMENTS & CONCLUSIONS:** The 412 units were quick and easy to fit through out our hotels and have afforded us significant savings on a water and energy utility bills across the estate. Payback period has bettered any of our previous environmental and cost reduction initiatives and as such we are now considering rolling out the project across the worldwide estate.



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