



**Challis**  
Water Controls

## CASE STUDY

**SECTOR:** Retail

**CLIENT:** Marks & Spencer's

**CONTRACTOR:** Various

**LOCATION:** Nationwide

**PROJECT DESCRIPTION:** Marks & Spencer's one of the largest high street retailers in the UK required a refit of all their staff washroom facilities across all their 300 stores nationwide.

**CUSTOMER REQUIREMENTS:** Upgrades to the washrooms had to include the facility to accommodate abled and less abled access to the showering facilities coupled with water and energy efficient shower mixers producing a maximum of 8 litres per minute in order to meet corporate sustainability policy



**UNITS FITTED:** Challis Water Controls thermostatic and pressure balanced shower mixing valve complete with fixed riser shower with anti tamper water saving shower head, change over valve and hand held water saving shower head complete with hose, flat access shower tray, less abled grab bars and folding easy access shower cubicle panels

**SAVINGS ACHIEVED:** Based on 30 staff at each branch showering once a day:  
Water Utility savings £1577 per annum per branch.  
Energy Utility savings £687 per annum per branch  
Total Savings per branch £2264 x 300 branches

**=Savings £679,000 per annum**

**CUSTOMER COMMENTS & CONCLUSIONS:** We needed to accommodate the needs and requirements of both our abled and less abled staff members within the same showering facilities. Our other main consideration was the water and energy conservation factors. CWC units were recommended on the Water Technology List and as such had proven water & energy saving capabilities coupled with excellent levels of performance all of which fitted well within our corporate sustainability policy. Challis Water Controls were the only manufacturer that was able to fulfil all the clients requirements regarding this extensive project.



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