



PHS Washrooms Case Study

Elmwood College

Elmwood College is a further education college, based in North East Fife, Scotland. This busy college has over 1,000 full time students and up to 5,000 part time students, who study in specialised courses including agriculture, horticulture, golf management and sports coaching, food and hospitality as well as more traditional courses.

Elmwood College has the prestigious Environmental Management System ISO14001 accreditation, and was the first college to achieve this standard over ten years ago. Like other education establishments it has a commitment to become more sustainable, reduce its carbon footprint and save money wherever possible. To help achieve this, PHS Washrooms installed 17 SMARTdri™ high-speed, low energy premium hand dryers, in place of paper towel dispensers, in both male and female washrooms throughout the main site.

SMARTdri is an innovative hand dryer that uses up to 90% less energy than traditional hand dryers, and has an energy output of just 0.8kWh. Drying hands in under 10 seconds, SMARTdri is designed by World Dryer, the world leaders in hand dryers, and available from PHS Washrooms. Hygiene levels are also maintained as the dryer features an automatic operation and incorporates SteriTouch® antibacterial surface protection, which drastically reduces the spread of germs such as MRSA, E.coli and Salmonella.

SMARTdri provides excellent cost savings against paper towel dispensers, reducing the average cost per dry by around 98%, and resulting in a saving of up to £9.50 per 1,000 dry cycles. Additionally, hand dryers offer greater convenience as they are available to use 24 hours a day, whereas paper towels need to be restocked regularly, increasing the responsibilities of the facilities and cleaning staff.



Before installing SMARTdri:

- No hand dryers in place just paper towel dispensers
- High costs due to large amounts of paper towels being used
- Staff time used to re-stock dispensers and remove waste

After installing SMARTdri:

- Low energy high-speed premium hand dryer
- Die-cast aluminium cover means dryer is sturdy and long lasting; smooth design ensures no dirt traps
- Incorporates SteriTouch antibacterial surface protection, dramatically reducing spread of bacteria

"I am very pleased with the energy and cost savings that we have made from installing SMARTdri hand dryers, and I have calculated that this change alone should make a projected saving of over £4,000 in just the first year. This huge saving will allow us to spend money elsewhere and hopefully we can support other ways to help the environment and save even more money."

Gordon Ogilvie
Property & Estates Manager
Elmwood College

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