



case study

“The Turboforce were selected because of their high energy efficiency, the units have been well received in all our sites and the upgrade has massively improved the perception of our washroom facilities and cut energy use by 90% compared to our previous hand dryers”

S.Midgley - Deputy Head of Estates, SIV

Who are SIV?

SIV is part of the Sheffield City Trust. It was established in 1990 with a mission to improve the health and wellbeing of the people of Sheffield. It manages the venues that were built for the 1991 World Student Games and has acquired many more since. It has millions of people through its doors each year with over 15 sport, leisure and entertainment venues under the SIV umbrella.

The challenge

Some of the venues had mixed conventional warm air hand dryers varying from 2kw to 2.5kw rated power with 30 to 45 second drying cycles. Some units were manual operation so continued to use energy while not in use. Typical energy consumption was 20 to 30 watt-hours per dry.



The solution

Energy efficient, high speed Turboforce hand dryers were installed. All units start immediately when hands are placed under and stop as soon as they are removed. Typical energy consumption is 2.33 to 5.33 watt-hours per dry.

Model: Dryflow Turboforce

Dry time range: 10-15 seconds

Rated power: 350W – 1600W
(4 settings available)

Guarantee length: 5 years



The results

“IFS carried out a comprehensive site survey of all our facilities which highlighted the inefficiency of the current hand dryers. They had an excellent range of hand dryers designed to suit the rigours of intense use and were even able to make technical adjustments to the product to specifically meet our requirements.” S.Midgley - Deputy Head of Estates, SIV

The total project was calculated to cost £38,000 and deliver a £10,000 per annum saving, (3.8 year payback period). Total CO₂ reduction was calculated at 51 tCO₂e per annum.



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