"They are really good, compact, quiet, easy to keep clean and most of all reliable. The children seem to like the fact there is no button to push"

Graeme Davie - Premises Manager

About South Farnborough Junior School

This is a non-denominational Junior School catering for boys and girls from seven to eleven years of age, situated in Farnborough, Hampshire.

It caters for approx. 400 pupils and has a Resourced Provision for Learning Difficulties that provides provision for 20 children.

The challenge

The school had conventional hand dryers in place that were about 15 years old. They had a slow dry time of around 30 seconds and a rated power of 2300 kW, which isn't very energy efficient for a hand dryer. They wanted something more cost effective, as they were renting the machines and it was costing them a lot of money year on year.

The solution

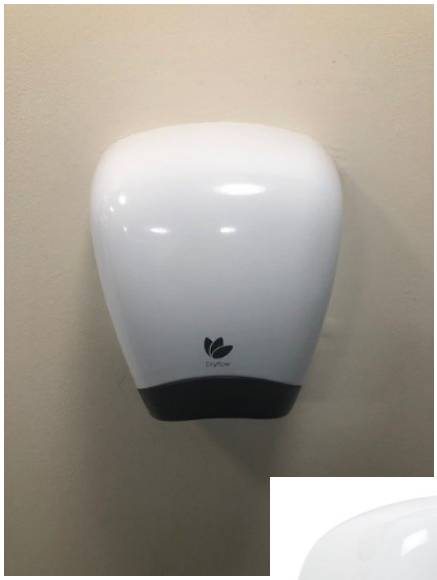
Providing a great balance between low noise levels, energy efficiency and quick dry times, this highly robust hand dryer has a motor expectancy that exceeds all others on the market

Model: Dryflow Classic PLUS MKII

Dry time range: 15-20 seconds

Rated power: 1400W

Guarantee length: 7 years



The results

Estimated annual cost to use old hand dryers: £644*
Estimated annual cost to use new hand dryers: £235.20*

Annual cost savings: £408.80*

Estimated annual old hand dryer carbon production: 2898⁺ Kg/CO_2
Estimated annual new hand dryer carbon production: 1058.40⁺ Kg/CO_2

Annual carbon savings: 1839.60 Kg/CO_2

Estimated return on investment period:

Payback period: approx. 2.4 years

Estimated annual savings using new high-speed hand dryers compared to if paper towels were used:**

Cost Savings: £4,804.80
Carbon Savings: 5,241.60kg/CO_2
Trees Saved: 33.6

* Based on 12p per kW/h; ⁺ Based on 1kW = 0.54 kg/CO_2; **Based on 3 paper towels used per dry, 0.6p per paper towel, 22.5gms/CO_2 per dry)