



“The service provided by Intelligent Facility Solutions Ltd, especially Andrew Cameron was excellent, I can't recommend them highly enough. The hand dryers themselves are exactly what we required and have received excellent feedback.”

Caroline Hodgson - Receptionist, One Station Square

Who are One Station Square?

One Station Square is part of the regeneration of the centre of Cambridge. It is home to some major brands including Amazon, Deloitte, Thales and Carter Jonas. It is the largest building in the city centre, servicing around 800 people a day. It was built using sustainable materials and exceeding energy efficiency standards

The challenge

Paper towels were the original hand drying method of choice. The tenants decided that hand dryers would be more cost effective and more eco-friendly. This would also match the eco credentials of the building.



The solution

After initial energy and cost calculations were made, as well as discussions regarding suitability, Jet Force hand dryers were installed throughout the building.

Model: Dryflow Jet Force

Dry time range: 15 – 20 seconds

Rated power: 700W – 1650W (intelligent heating system)

Guarantee length: 5 years



The results

Annual paper towel cost: £16,848 (based on 0.6p per paper towel)

Annual cost to use new equipment: £349.44 - £823.68 (based on 12p per kW/h)

Annual cost savings: £16,024 - £16,498

Annual paper towel carbon production: 21,060 Kg/CO₂ (based on 22.5g/CO₂ per toilet visit)

Annual hand dryer carbon production: 1,572.48 – 3,706.56 Kg/CO₂ (based on 1kW = 0.54 kg/CO₂)

Annual carbon savings: 17,353.44 – 19,487.52 Kg/CO₂

Estimated return on investment period:

Payback period: approx. 0.48 – 0.5 years



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