

Savortex®

HAND DRYERS



CREATING THE SAFEST, SMARTEST AND
MOST SUSTAINABLE WORKPLACES



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The Importance of Handwashing

The global pandemic has pushed hand washing and drying to the forefront of infection control.

"Hand hygiene is extremely important to prevent the spread of the COVID-19 virus. It also interrupts transmission of other viruses and bacteria causing common colds, flu and pneumonia, thus reducing the general burden of disease."

World Health Organization



Introducing our Record-Breaking Smart Energy-Saving Hand Dryer Technologies

The first hand dryer manufacturer to achieve a Guinness World Record title for the world's most energy-efficient hand dryer. Helping companies achieve Net Zero and their overall commitment to sustainability.



INTRODUCING THE FUTURE OF SUSTAINABLE HAND DRYING

The Savortex® EcoCurve 550A™ Hand Dryer

Using our low energy digital brushless motor, The EcoCurve™ Smart Dryer consumes just 550W, and hygienically dries hands in 11 seconds, offering the lowest cost and carbon per dry of any warm air dryer.



KEY BENEFITS



The most sustainable hand dryer:
Made from recyclable ABS plastic, the EcoCurve uses 88% less energy than traditional dryers and saves 99% on cost against paper towels, delivering the lowest cost-per-dry of any hand drying solution.



Fast and reliable drying:
Unique curved air delivery ensures a powerful dry in just 11 seconds, all without having to touch any surfaces.



Built to last:
Thanks to an advanced brushless motor and superior components the EcoCurve has a 10x longer lifespan than traditional dryers; avoiding service disruption and expensive replacement costs.



BRUSHLESS MOTOR TECHNOLOGY



SUSTAINABLE BRITISH ENGINEERING

Is it important to be notified remotely if your washrooms are messy?
Learn more on pg. 5

INTRODUCING THE FUTURE OF SMART HYGIENIC WASHROOMS

The Savortex® EcoCurve 550D™ Smart Hand Dryer

The inbuilt Internet-enabled sensor tracks dryer health and usage information in real-time, remotely informing cleaners when to clean based on footfall metrics to deliver the most hygienic washrooms. The smart dryer comes with a customisable portal.



5 Year Guarantee



THE SAVORTEX® WASHROOM APP

THE SAVORTEX® WASHROOM PORTAL



KEY BENEFITS

ADD FEATURE*



Real-time washroom cleaning alerts:
The smart hand dryer alerts cleaners via your fully branded Savortex® Washroom App* to inspect washrooms based on actual footfall metrics improving hygiene and resource efficiency, and reducing customer complaints of messy washrooms.

ADD FEATURE*



Access to your customisable online washroom portal:
The washroom portal allows you to see real-time washroom usage, cleaning analytics to help you drive the cleanest most sustainable washrooms.



Fast and reliable drying:
Unique curved air delivery ensures a powerful dry in just 11 seconds, all without having to touch any surfaces.



Built to last:
Thanks to an advanced brushless motor and superior components the EcoCurve has a 10x longer lifespan than traditional dryers; avoiding service disruption and expensive replacement costs.

How the EcoCurve 550D™ Smart Hand Dryer works

The Savortex® EcoCurve 550D™ monitors usage, washroom footfall, energy efficiency and reduces costs.

1.

The Savortex® Smart Hand Dryer has inbuilt internet-enabled sensors that track usage and footfall in real-time.



2.

The information is then transmitted to the cloud and displayed on your customised GDPR compliant* washroom portal.



4.

The facilities or building manager can assess real-time information displayed on your portal and app, to deliver improved energy management, hygiene and resource efficiency. Creating the most sustainable and hygienic washrooms.

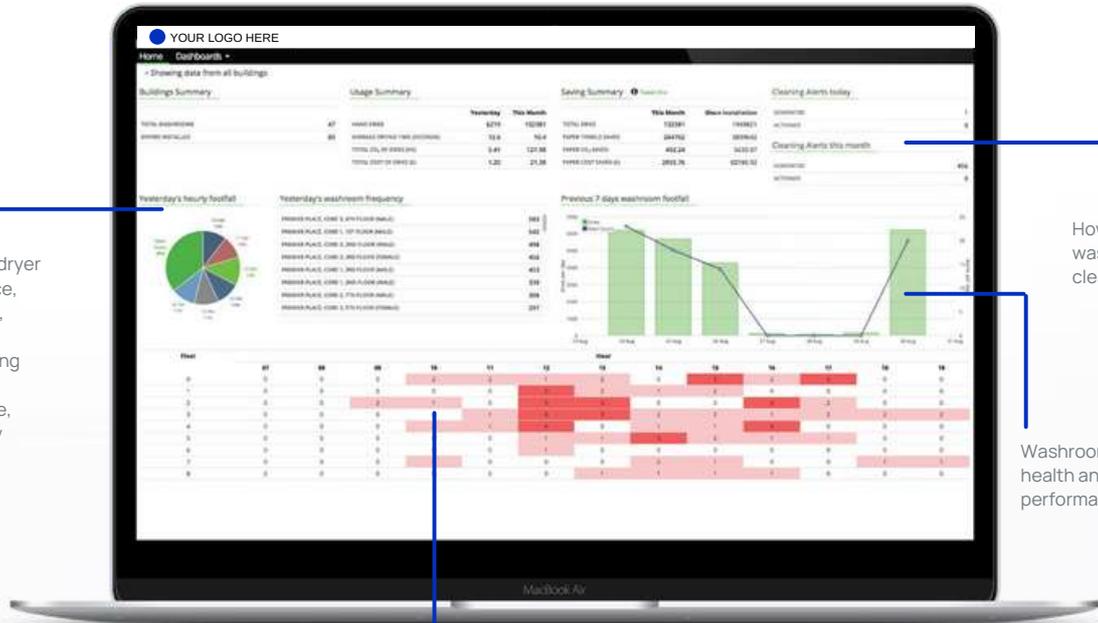


3.

Based on footfall statistics, your cleaning and maintenance staff receive real-time hygiene alerts via your fully branded hygiene app to inspect washrooms.

THE WASHROOM PORTAL

Real-time hygiene information triggers responsive washroom cleaning and provides improved washroom hygiene and reduced mess.



Proactive hand dryer unit performance, servicing needs, environmental impact monitoring including the average dry time, cost and energy used

How many washrooms cleaned vs usage

Washroom hourly health and hygiene performance

Location heat map report of washroom performance of other rooms within the estate

THE WASHROOM APP

We create a bespoke app, using your branding to send instant notifications to cleaning staff in real-time based on actual footfall statistics.

- 

Improve efficiency
Avoid messy washrooms and customer complaints and alert your cleaning staff instantly.
- 

Keeping track
Streamline facilities management with your own dedicated management app for a comprehensive overview on the go.
- 

Stay on top of energy consumption
Remotely monitor the environmental impact and energy usage across your sites.



Your own branding: Featuring your logo and choice of background

CASE STUDIES



- 58.75% energy reduction per dry
- 44.76kg of CO2 savings
- Remote washroom management and trend analysis
- Operational savings and efficiencies from responsive washroom cleaning
- ROI expected 18 months

"The SAVORTEX EcoCurve 550D smart hand dryer supported our client, Gatwick Airport's sustainability strategy.

Dr. Zainab Dangana, Wates Smart Space.



- 94.5% cost saving
- £35,000 paper towel savings pa
- 14 tonnes of CO2 savings pa
- Operational savings and efficiencies from responsive washroom cleaning
- Expected ROI 11 months

The trial was an overwhelming success and we are expanding this more widely. RBS recognises the two-way benefit that we can have by working with SMEs, like SAVORTEX, who are often a real hotbed for innovation and invention."

RBS, Head of Estates.

COMPETITOR ANALYSIS

By consuming less energy and offering the first SMART (Internet-connected) hand dryer on the market, the Savortex® range significantly reduces greenhouse gas (GHG) emissions compared to conventional dryers and paper towels.

Further, Internet-enabled smart sensors inform managers to washroom inspection in real-time using footfall stats and to any product service needs, avoiding service disruptions or customer complaints. The range is also available with an in-built HD video screen, display internal marketing messages or adverts, the latest Government advice, or hygiene reminders to users.



	SAVORTEX® Hand Dryer	Dyson 9KJ	Dyson Range (V/Air/Blade)	World Dryer Air Max	Paper Towel £0.01 per sheet
Power (W)	550	900	1600	2300	
Drying Time (sec)	11	12	10	30	
Cost Per Dry (£)	£0.00018	£0.00030	£0.00044	£0.00192	£0.02
Warranty (Years)	5	5	5	5	
Sound (dB)	from 83	79	84	84	
Energy reduction achieved against market (per dry)	n/a	39.00%	58.75%	90.43%	
Motor Type	Brushless	Brushless	Brushless	Brushed	
Operating cost (pa), based on 200 dries per day	£12.27	£21.90	£32.44	£139.92	£1,460
Cleaner alerts	Yes	No	No	No	No
Video messaging / revenue generating	No	No	No	No	No

SAVORTEX® SYSTEM PROTECT

CONTINUING CARE

Savortex® System Protect provides unrivalled support, so you can rest assured that your hygiene management system is taken care of.

SAFETY FIRST

Our unique remote servicing means we can deliver outstanding IT service without the need to access the premises.



REMOTE ASSURANCE

As part of the Savortex® System Protect remote servicing fee, we offer the following services:



Dedicated account manager



24-hour access to your data dashboard



Dedicated software account management

Trusted by some of the world's
most sustainable brands



And many more valued partners

ABOUT US

WHO IS SAVORTEX® ?

We are a multi-award winning British IoT (Internet of Things) hand-hygiene technology company with a decade of expertise in revolutionising workplace safety, cost-operational efficiency and hygiene.

VISION

Our vision is to ensure the safety and well-being of the population through our environmentally responsible unique smart hand hygiene solutions.



MISSION

Our mission is to continue to develop the world's most advanced data-led connected technologies. Creating the safest, smartest, most sustainable working environments.

GOAL

Our goal is to form strong alliances with like-minded organisations to ensure the safety and sustainability of workplaces. We are committed to making a positive impact through philanthropic endeavours that nurture young minds and the environment for a stronger, more sustainable future.



Technical Specification

Installation

Isolate the mains before commencing installation.

Securely fix the mounting bracket to the wall at the desired location.

The hand dryer should be mounted vertically on solid substrate walls.

Correctly wire the power cable to the electrical connector in accordance with the current edition of the IEE wiring regulations (BS7671: Requirements for Electrical Installations).

Replace all electrical connector covers and insulation. Our dryers use first fix principles to minimize installation times.

When required, align the main unit over the mounting bracket ensuring the top two hooks are secure.

Align with the corresponding openings in the rear. The main unit should be held flush with the wall.

Lower the unit slowly down to engage with the hooks and with the electrical connector until the lower face is flush with the bottom edge of the bracket.

Fix the unit to the bracket with the two anti-tamper screws. Reconnect the power.

The unit will self-isolate upon removal of the main unit from the mounting bracket.

Recommended Installation Height

Distance between floor height and dispenser outlet

Gentlemen: 1080mm

Ladies: 980mm

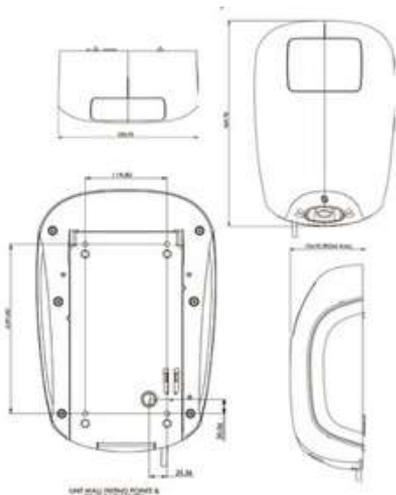
Children & Wheelchairs: 850mm

Part Numbers:

EcoCurve 550A™ Hand Dryer
EcoCurve 550D™ Smart Hand Dryer (Data Link)

Dimensions:

H(eight) / W(idth) / D(epth): 370mm / 250mm / 134 mm



Operation

Intelligent Non-contact infrared hand detection sensors with 1 second over run when hands are removed

Intelligent data monitoring per second feature

Operating Sound: From 83 dB (Standard sound measurement procedure used on production line)

Operating Temp: 0° - 39°C

Heater type: None

Operating airflow: up to 30.6 l/s

Operating security lock-out period: 30 seconds

Construction

Front Cover: ABS

Inner Chassis: ABS

Manifold Front/Back/Nozzle: ABS

Back Plate: Steel

Antimicrobial additive for protection against degradation and bacteria

Colour finish: White (others on request)

Net weight: 4.6kg / Packaged weight: 6.9kg

Electrical

Mains Voltage: 230 - 240 V AC, single phase 50 Hz

Power: Absorbed - 550W (+10% -10%)

Power: Standby - 1.5W

Motor Type: Digital Brushless Motor DC, Anti Particulate / Ozone Emissive

Motor Speed: Energy efficient 20,000 rpm

EMC: Complies with the Electromagnetic Compatibility

Directive IP24 compliant

Standard Guarantee

5 year parts, 1 year labour guarantee

For further information, please contact customer services at customer.services@savortex.com or call +44(0)207 712 1480

SAVORTEX® terms and conditions apply which are available on request.





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