The fastest, most hygienic hand dryer.
The problem with other hand dryers

Too slow
Others take up to 43 seconds to dry hands.

Unhygienic
They suck in dirty washroom air and blow it back onto hands.

Energy hungry
Most of them heat the air so they’re expensive to run.

Did you know
Damp hands can spread up to 1,000 times more bacteria than dry hands.
The problem with paper towels

Expensive to run
They need constant re-stocking and disposal.

Create waste
Most paper towels don’t get recycled, so they end up in the ground or the incinerator.

Carbon footprint
Each dry accounts for up to 12.5g of carbon emissions.
The Dyson Airblade™ hand dryer works in just 10 seconds – scraping water from hands like a windscreen wiper.

It’s the fastest hand dryer – and air is HEPA filtered before it dries hands, so it’s hygienic. It also uses up to 80% less energy than warm air hand dryers.

Because almost every component is recyclable there’s little waste to dispose of at the end of its life.

Did you know Dyson Airblade™ hand dryers are installed in well known locations all over the world, including: the Alton Towers Resort, London Eye and Universal Studios.

Fastest
Hands are dry in 10 seconds.

Filtered air
HEPA filter captures 99.9% of bacteria from the air drying hands.

Less energy
Up to 80% less energy than warm air hand dryers.

Lower running costs
Up to 80% less than warm air hand dryers per year. Up to 97% less than paper towels per year.

No towels
No paper waste.

Recyclable
Most components are recyclable.
Dyson digital motor
Using digital pulse technology, it spins 88,000 times a minute. It’s the only hand dryer motor powerful enough to draw in 35 litres of air a second through a HEPA filter, and then dry hands in 10 seconds.

HEPA filter
Dirty washroom air is forced through here, capturing 99.9% of the bacteria. So hands are dried using cleaner air, not dirty air.

Airblade™ technology
The air is then forced through two continuous apertures the width of a human eyelash. The result, two sheets of 400mph air that scrape water from hands in just 10 seconds.

So no other hand dryer works like it

The fastest
The most hygienic hand dryer
Costs less to run
A recent hand hygiene study by the Bradford University Infection Group has been peer-reviewed and published in the Journal of Applied Microbiology. The report found that washing hands alone is not enough. Microbial counts on skin actually decrease when hands are dried properly. Drying is now recognised as a vital part of hand hygiene routines.

Out of all machines tested, the Dyson Airblade™ hand dryer was found to be the most hygienic – significantly reducing bacteria transfer compared to warm air dryers. And unlike paper towels, Airblade™ technology doesn’t leave bins overflowing with soiled paper towels, a potential hygiene hazard.

For more information and to read the full report please visit www.dysonairblade.co.uk

“Only the Dyson Airblade™ hand dryer meets every part of NSF Protocol P335

Air filtration
Air used to dry hands must be HEPA filtered.

Unheated air
Warming moist bacteria increases their reproduction rate. Heated air can also remove beneficial oils from the skin.

Drying time
Hands must be dried in under 15 seconds. NSF have defined dry as 0.1g of moisture. Damp hands can spread up to 1,000 times more bacteria.

Touch-free operation
The hand dryer must start and stop without user contact.

If a hand dryer doesn’t have this logo, it’s not certified hygienic.

Karen Hall
Microbiologist, Dyson

“We asked independent public health specialist NSF to define the criteria for a hygienic hand dryer. It’s something no one else had ever done before. The result is NSF Protocol P335 – and the Dyson Airblade™ hand dryer is the only hand dryer that meets every part of it. So it’s the only hand dryer certified hygienic.”

Karen Hall
Microbiologist, Dyson
The Dyson Airblade™ hand dryer costs you less to run
Faster dry time and no energy-hungry heating element, means running the Dyson Airblade™ hand dryer costs up to 80% less than warm air hand dryers and 97% less than paper towels.

**Saves you money**

<table>
<thead>
<tr>
<th></th>
<th>£39 per year*</th>
<th>£187 per year*</th>
<th>£1,460 per year*</th>
</tr>
</thead>
</table>

*Usage based on 2 towels per dry (data from Dyson internal research – Sept 2008). 1600W machine shown. Calculations include standby power. Cost based on 1 pence per paper towel (data from Dyson internal research – Jan 2010) and £0.1194 per kWh (data from Eurostat 2009 Semester 2 – published March 2010).

Paper towel dispenser and Dyson Airblade™ hand dryer purchase costs are excluded from comparison. 10 second dry time based on NSF protocol P335.

**Reduces your carbon footprint**

<table>
<thead>
<tr>
<th></th>
<th>3.3g CO₂ per dry*</th>
<th>12.5g CO₂ per dry*</th>
</tr>
</thead>
</table>

*Paper towels data from Madsen 2007 report – Life cycle assessment of tissue products, prepared for Kimberly-Clark, Environmental Resources Management: 39,000 dries per year, 5 years use; 12.48g per dry. Dyson Airblade™ hand dryer data based on same number of dries used in the Madsen report, same 5 years usage, 10 second dry time. Also includes standby power consumption and emissions generated by manufacture, transport and disposal for the UK. 10 second dry time based on NSF protocol P335. 3.29g per dry.

**Switch from paper towels**

Paper towel production requires natural resources. And paper towels need constant restocking. Both processes are carbon intensive.

By changing to the Dyson Airblade™ hand dryer, you can significantly reduce your carbon footprint.
Every single component
Materials and manufacture represent 8% of total emissions. The Dyson Airblade™ hand dryer has 275 components and even the smallest one was assessed.

Waterways vs. highways
Transportation represents less than 1% of total Dyson Airblade™ hand dryer emissions. Most of it is by energy-efficient ships. It’s far lower than paper towels, which continually rely on road transport for re-stocking.

Less energy = less carbon
Fast dry time and no energy hungry heating element mean the Dyson Airblade™ hand dryer uses up to 80% less energy than warm air dryers.

Hand me down
The Dyson Airblade™ hand dryer is guaranteed for 5 years. But when it does eventually stop, many components are recyclable and the impact of doing so is a negligible part of its carbon footprint.

Test. Test. Test.
Dyson engineers spent three years developing, testing and refining the Dyson Airblade™ hand dryer.

To produce the fastest drying time, they experimented with different angles and widths of aperture. Testing helped find the optimum air pressure to effectively scrape water from hands. And every component was tested for durability.

Hand dryers and washrooms were sampled for bacteria. Contamination levels of paper towel dispensers were assessed.

Did you know
Air and surface samples taken from washrooms contained many different bacteria (some unsurprisingly of human origin).
Inside the Dyson Airblade™ hand dryer

Rapid hygienic drying
Scrapes water from hands with a high-velocity sheet of air – like a windscreen wiper.

Touch-free operation
Intelligent infra-red sensor control for touch-free drying and minimal energy wastage.

Efficient standby mode
Standby power consumption of only 1 Watt for increased energy efficiency.

Easy to clean
Tough, sealed ergonomic design for easy cleaning and maintenance.

Robust and durable casing
Resists chips and scratches.

Anti-microbial additives
Anti-microbial coating on all external surfaces kills 99.9% of bacteria.

HEPA filtration
Lifetime HEPA filter removes and eliminates 99.9% of bacteria from the air used to dry hands.

Switched reluctance motor
Digitally switched at 6,000 times per second, making the high-compression fan spin 88,000 times a minute.

How it works

1 Dirty washroom air is sucked in by the Dyson digital motor.

2 It passes through a HEPA filter, removing 99.9% of the bacteria.

3 The filtered air passes over the electronics, cooling them.

4 The air then reaches the motor, which channels it up and through the machine.

5 Air passes into the air ducts which are insulated to reduce noise.

6 It’s then forced through two apertures – creating sheets of air travelling at 400mph.

7 The two sheets of air literally scrape water from hands.
**Product range**

**AB01** has an aluminium casing for high-impact venues such as airports and nightclubs.

**AB03** is made from a tough, ABS polycarbonate for regular washrooms – and is 50% less carbon-intensive to manufacture than the aluminium equivalent.

---

**10 second dry time**

Sheets of air travelling at over 400mph scrape water from hands like a windscreen wiper.

**Costs less to run**

Dries 19 pairs of hands for the price of a single paper towel.

**Uses up to 80% less energy than warm air hand dryers**

Patented Dyson digital motor spins 88,000 times a minute – delivering a much faster dry time using less energy.

**Carbon footprint**

The only hand dryer awarded the Carbon Reduction Label.

**The most hygienic hand dryer**

A HEPA filter removes 99.9% of bacteria from the air used to dry hands.

**Touch-free operation**

Starts and stops automatically. No dirty buttons to press.

**Easy to clean**

Sealed casing infused with anti-microbial additives eliminates 99.9% of surface bacteria.

**Tough and durable**

Robust, vandal-proof casing.

**5 year guarantee**

Parts guaranteed for 5 years/350,000 uses. Plus 1 year labour guarantee.
How to order the Dyson Airblade™ hand dryer.

Order by phone direct from Dyson
UK  0800 345 7788
ROI  01-401-8300
Call for details of Dyson’s installation service, terms and conditions.

You can also order it from a national network of electrical distributors.
To find your nearest distributor visit www.dysonairblade.co.uk

The Dyson Airblade™ hand dryer is also available to lease.

Visit our website
www.dysonairblade.co.uk

For additional information, advice or support you can contact our team of Dyson experts whenever you need them. Our helpline is open 7 days a week or you can visit our website for product information or online support.

The Carbon Reduction Label is the registered trade mark of the Carbon Trust. The NSF logo is the registered trade mark of the NSF International. The handprint logo is the registered trade mark of the British Skin Foundation. HACCP International Non-food Certification Mark is the registered trade mark of the International HACCP Alliance. The RSPH logo is the registered trade mark of The Royal Society for Public Health.