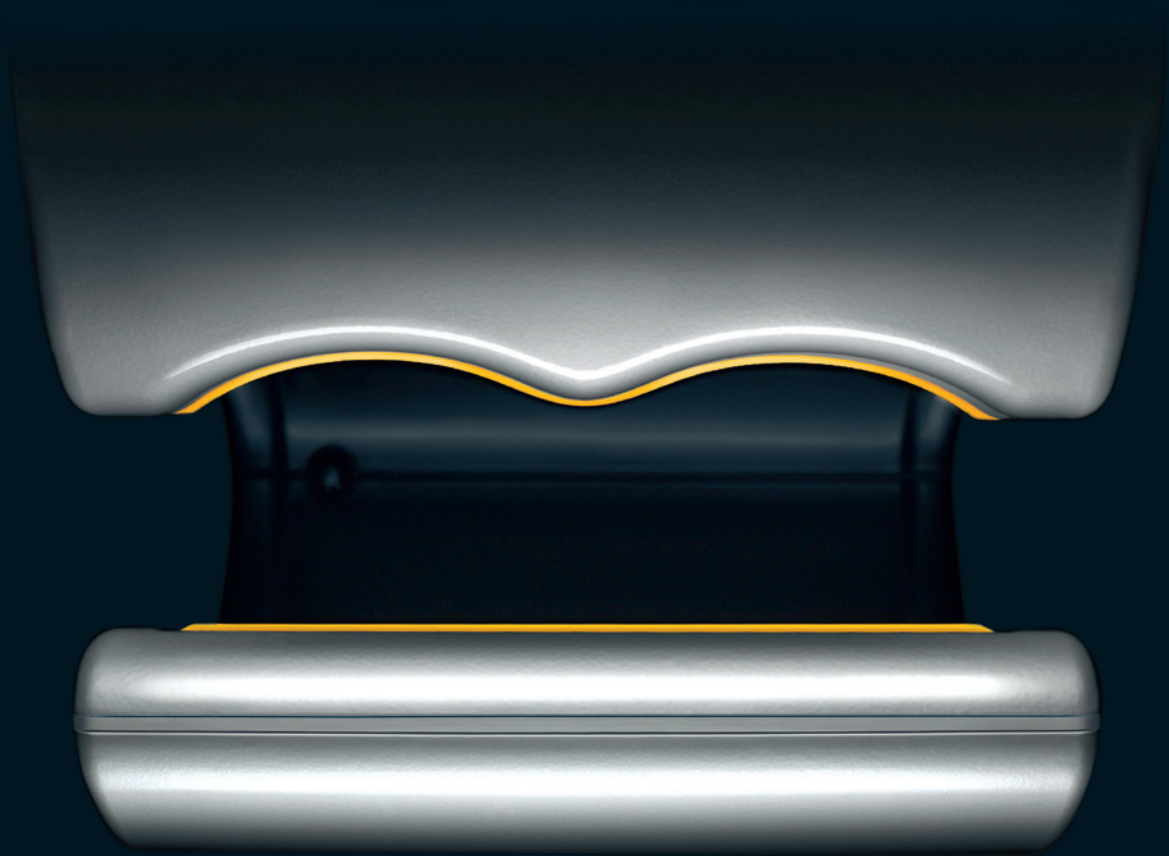
dyson airblade

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 restroom 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.*

*Residual moisture determines the level of touch-contact associated bacterial transfer following hand washing; D.R. Patrick, G. Findon and T.E. Miller; Epidemiol. Infect. (1997), 119, 319±325.

The problem with paper towels

Expensive to run
They need constant stocking and disposal.

Carbon footprint
Paper towels rely on carbon emitting road transport – giving them a carbon footprint of 12.5g.*

Can't be recycled
Most paper towels cannot be recycled, so they end up in the ground or the incinerator.*

Creates hazardous waste
Busy restrooms can be left with trash cans overflowing with soiled towels, a potential hygiene hazard.**

*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, 1.5 towels per dry. Dyson Airblade™ hand dryer data based on same number of dries used in the Madsen report, 12 second dry time, 5 years use. Also includes standby power consumption and emissions generated by manufacture, transport and disposal. 12 second dry time based on NSF protocol P335.

**Journal of Applied Microbiology – Comparative evaluation of the hygienic efficacy of an ultra-rapid hand dryer vs conventional warm air hand dryers; A.M. Snelling, T. Saville, D. Stevens and C.B. Beggs.

Only one hand dryer works properly

Fastest
Hands are dry in 12 seconds.

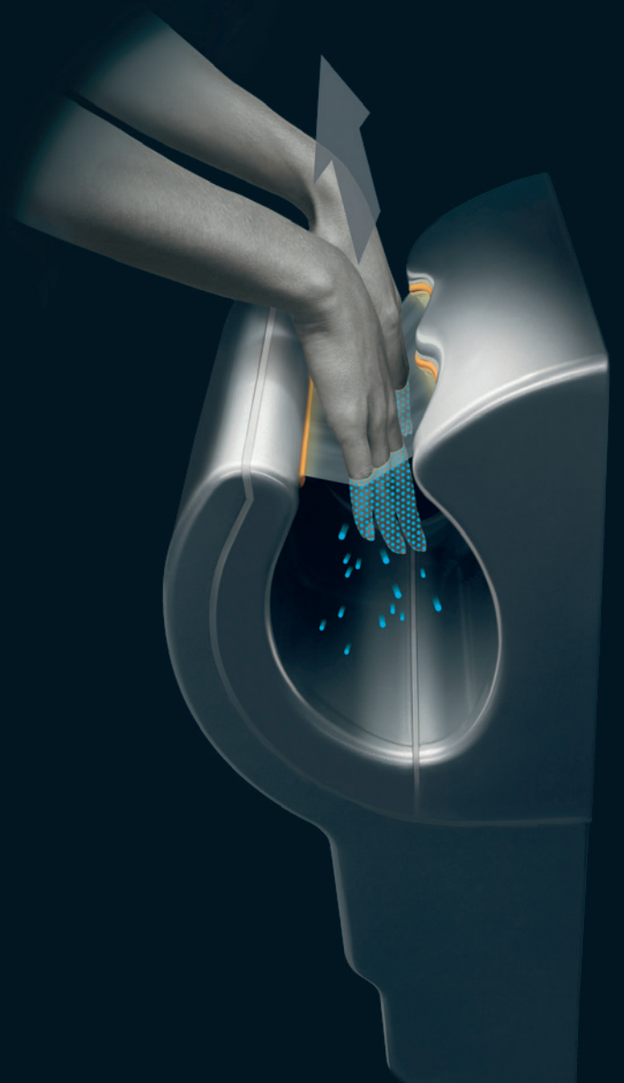
Filtered air
HEPA filter removes over 99.9% of bacteria from the air drying hands.

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

Lower running costs
Up to 97% less than paper towels per year.

No towels
No paper waste.

Recyclable
Most component parts are recyclable.



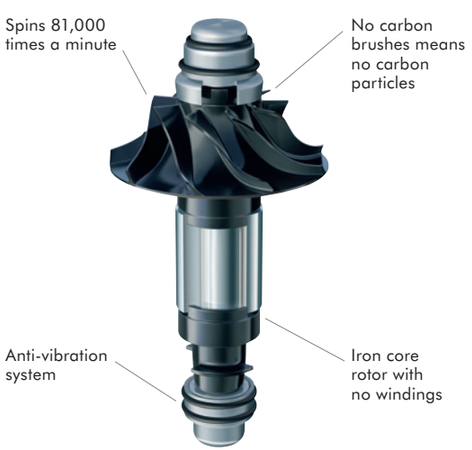
Did you know
Dyson Airblade™ hand dryers are installed in well known locations all over the world, including Universal Studios, The Museum of Modern Art, New York and LA Dodgers Stadium.

No other hand dryer has this technology

So no other hand dryer works like it

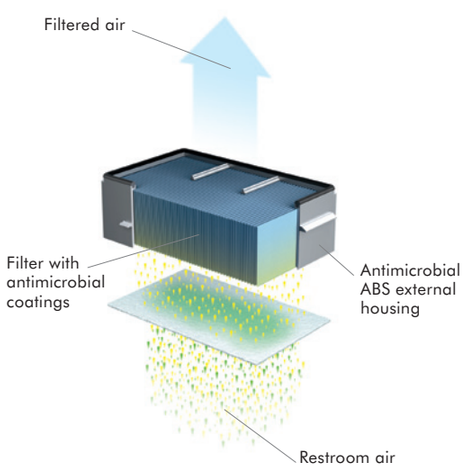
Dyson digital motor +

Using digital pulse technology, it spins 81,000 times a minute. It's the only hand dryer motor powerful enough to draw in 68 cubic feet of air a second through a HEPA filter, and then dry hands in 12 seconds.



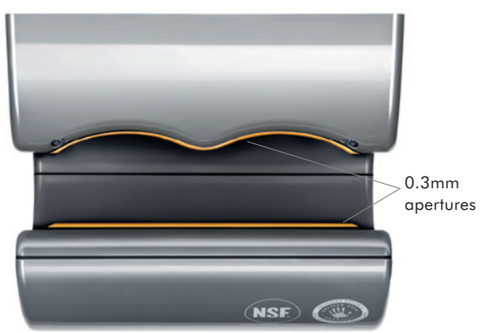
HEPA filter +

Dirty washroom air is forced through this, removing over 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 12 seconds.



The fastest

The most hygienic hand dryer

Costs less to run

Scientifically evaluated and approved

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 trash cans overflowing with soiled paper towels, a potential hygiene hazard.

For more information and to read the full report please visit **www.dysonairblade.com**

*Journal of Applied Microbiology – Comparative evaluation of the hygienic efficacy of an ultra-rapid hand dryer vs conventional warm air hand dryers; A.M. Snelling, T. Saville, D. Stevens and C.B. Beggs.

The only hygienic hand dryer

"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 one certified hygienic."

Karen Hall
Microbiologist, Dyson

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

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

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

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.

The only hand dryer approved for food environments by HACCP

"The technology addresses a number of unacceptable risks posed by hand dryers in the past. It's easy to clean and is a touch-free system. It also has a fast dry cycle. With the inclusion of a HEPA filter, these features combine to reduce considerably the risk of microbiological contamination and thereby meet HACCP International's food safety criteria."

Clive Withinshaw
Director, HACCP International

Approved for the food industry
HACCP International has certified the Dyson Airblade™ hand dryer (AB02) suitable for use in the food industry. It's the only hand dryer to achieve this accreditation.

Traditionally hand dryers have not been used in food preparation environments. They leave staff with damp hands because they're too slow, they blow dirty washroom air onto clean hands and their surfaces can harbor bacteria. The Dyson Airblade™ hand dryer has a 12 second dry-time, HEPA filter and anti-microbial coating.

HACCP INTERNATIONAL FOOD SAFETY PROGRAMMEN CERTIFICATION

The Hazard Analysis Critical Control Point is an internationally recommended system of food safety management.

Only one hand dryer has the Carbon Reduction Label

No stone left unturned

Everything we make or use has a carbon footprint. It represents the total amount of carbon dioxide and other greenhouse gases generated during its life.

Working with the Carbon Trust, Dyson has measured the carbon footprint of the Dyson Airblade™ hand dryer. The calculation covers: materials, manufacture, transportation, use and end-of-life disposal.

reducing with the Carbon Trust

CO2

We have committed to reduce the carbon footprint of this product

carbon-label.com

Every single component
Materials and manufacture represent 7% 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 component parts are recyclable and the impact of doing so is a negligible part of its carbon footprint.

Reduces your carbon footprint

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.

The Dyson Airblade™ hand dryer has a 70% smaller carbon footprint than paper towels.

4.31g
CO_2 per dry*

8.23g
CO_2 per dry*

20.14g
CO_2 per dry*

*Data from Gagnon and Panaretos, 2009 report [Comparative Environmental Life Cycle Assessment of Hand Drying Systems, Prepared for Excel Dryer, Inc. Quantis]: 260,000 dries, 20.1 gCO2e per dry for Standard dryer. Additional data: Emissions factors for Airblade™ and Xlerator used for US, Airblade 12 second dry time and Standard dryer 28.14 second dry time based on NSF protocol, calculations include standby/rundown, Airblade manufacture use AB04 primary manufacturer data, 4.31gCO2e per dry

Saves you money

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 97% less than paper towels.

$35
per year*

$60
per year*

$1,460
per year*

*Usage based on 2 paper towels per dry (data from Dyson internal research – Sept 2008). 1400W machine shown. Calculations include standby power. Cost based on average paper towel cost of $0.01 and an electricity charge of $0.0989 per kWh. Source: US Department of Energy. Paper towel dispenser and Dyson Airblade™ hand dryer purchase costs are excluded from comparison. 12 second dry time based on NSF protocol P335.

Inside the Dyson Airblade™ hand dryer

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

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

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

Long life, energy efficient Dyson digital motor
No carbon brushes to wear down.

Anti-microbial additives
Anti-microbial additives are integrated into all external surfaces.

Switched reluctance motor
Digitally switched at 6,000 times per second, making the high-compression fan spin 81,000 times a minute.

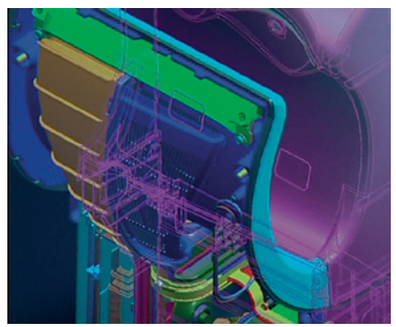
HEPA filtration
HEPA filtration removes over 99.9% of bacteria from the air used to dry hands.

Robust and durable casing
Resists chips and scratches.

Guaranteed to last

Long life

Dyson machines are engineered to last. The Dyson Airblade™ hand dryer underwent three years of development and refinement before it was launched. The performance of every component was rigorously tested, with high-quality materials selected for endurance.



The long-life Dyson digital motor uses electronics to switch the motor phasing – using neodymium magnets instead of carbon brushes that wear down. Robust outer casings are made from either aluminum or polycarbonate-ABS.

Dyson engineers make things better – improving performance by inventing new efficient technologies. This uncompromising approach explains the 5 year parts guarantee on all Dyson Airblade™ hand dryers. Repair work labor costs are covered for the first year too.

dyson airblade

12 second dry time
Sheets of air traveling at over 400mph scrape water from hands like a windshield wiper.

Costs less to run
Dries 22 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 81,000 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 over 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 warranty
Comes with a five year parts and first year labor limited warranty.

Approved for the food industry
The only hand dryer approved for food environments by HACCP.

*Calculations based on average paper towel cost of $0.01 and an electricity charge of $0.0989 per kWh. Source: US Department of Energy.

Product range

AB 02

AB02 has an aluminum casing for high-impact venues and is available in 120v and 208v.

AB 04

AB04 is made from a tough, polycarbonate ABS – and is 50% less carbon-intensive to manufacture than the aluminum equivalent.

Aluminum

Gray

White

dyson airblade

The fastest, most hygienic hand dryer.

How to order the Dyson Airblade™ hand dryer:

Order by phone direct from Dyson US
1-888-DYSON-AB

Call for details of Dyson's service, terms and conditions.

www.dysonairblade.com

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.

TESTED. CERTIFIED. HYGIENIC

reducing with the Carbon Trust

CO2

We have committed to reduce the carbon footprint of this product

carbon-label.com

HACCP INTERNATIONAL FOOD SAFETY CERTIFICATION PROGRAMME

HACCP International certifies the Dyson Airblade™ hand dryer as appropriate for use in food facilities that operate in accordance with a HACCP based Food Safety Program.

VALIDATES DYSON'S BRITISH SKIN FOUNDATION SKINCARE RESEARCH PROGRAMME

The BSF welcomes Dyson's approach to promoting skin health and hand hygiene through producing its revolutionary hand dryer.

Recycled

FSC

100%

Printed on 100% recycled paper using soy-based inks.

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