“The BSF welcomes Dyson’s approach to promoting skin health and hand hygiene through its revolutionary hand dryer.”

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.

The fastest, most hygienic hand dryer.

For more information please call: 1-877-397-6622

Visit our website: www.dysonairblade.ca
The problem with other hand dryers

Too slow
Others take up to 44 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.

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.**
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.

Only one hand dryer works properly

The Dyson Airblade™ hand dryer works in just 12 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.

Fastest
Hands are dry in 12 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 81,000 times a minute. It’s the only hand dryer motor powerful enough to draw in 32 litres of air a second through a HEPA filter, and then dry hands in 12 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 640km/h air that scrape water from hands in just 12 seconds.

So no other hand dryer has this technology

No carbon brushes, no carbon particles
Iron core rotor with no windings
Anti-vibration system
1.3mm apertures
Filtered air
Washroom air
Antimicrobial ABS external housing
Filter with antimicrobial coatings

The fastest
The most hygienic hand dryer
Costs less to run

No other hand dryer works like it
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 recognized 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.ca


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

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.
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 80% less than warm air hand dryers and 97% less than paper towels.

$32 per year

$123 per year

$1,460 per year

1.76g CO2 per dry

12.5g CO2 per dry

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.

*Usage based on 2 towels per dry (data from Dyson internal research – Sept 2008). 1400W machine shown. Calculations include standby power. Cost based on $0.01 cents per paper towel (data from Dyson internal research – Jan 2010) and $0.10 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. 12 second dry time based on NSF protocol P335.

*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, 12 second dry time. Also includes standby power consumption and emissions generated by manufacture, transport and disposal for the UK. 12 second dry time based on NSF protocol P335. 3.29g per dry.

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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.

Every single component
Materials and manufacture represent 8% of total emissions. The Dyson Airblade™ hand dryer has 272 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 comes with a 5 year warranty. But when it does eventually stop, many components are recyclable and the impact of doing so is a negligible part of its carbon footprint.

“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.

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

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

1400W long-life, energy efficient motor
Uses digital pulse technology. Only three moving parts – no slip rings or carbon brushes to wear down.

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

HEPA filtration
Lifetime HEPA filter removes and eliminates 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 warranty on all Dyson Airblade™ hand dryers. Repair work labor costs are covered for the first year too.
AB02 has an aluminium casing for high-impact venues such as airports and nightclubs.

AB04 is made from a tough, ABS polycarbonate for regular washrooms — and is 50% less carbon-intensive to manufacture than the aluminium equivalent.

12 second dry time
Sheets of air travelling at over 640 km/h scrape water from hands like a windscreen wiper.

Costs less to run
Dries 23 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 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
Parts warranty for 5 years/350,000 uses. Plus 1 year labour warranty.