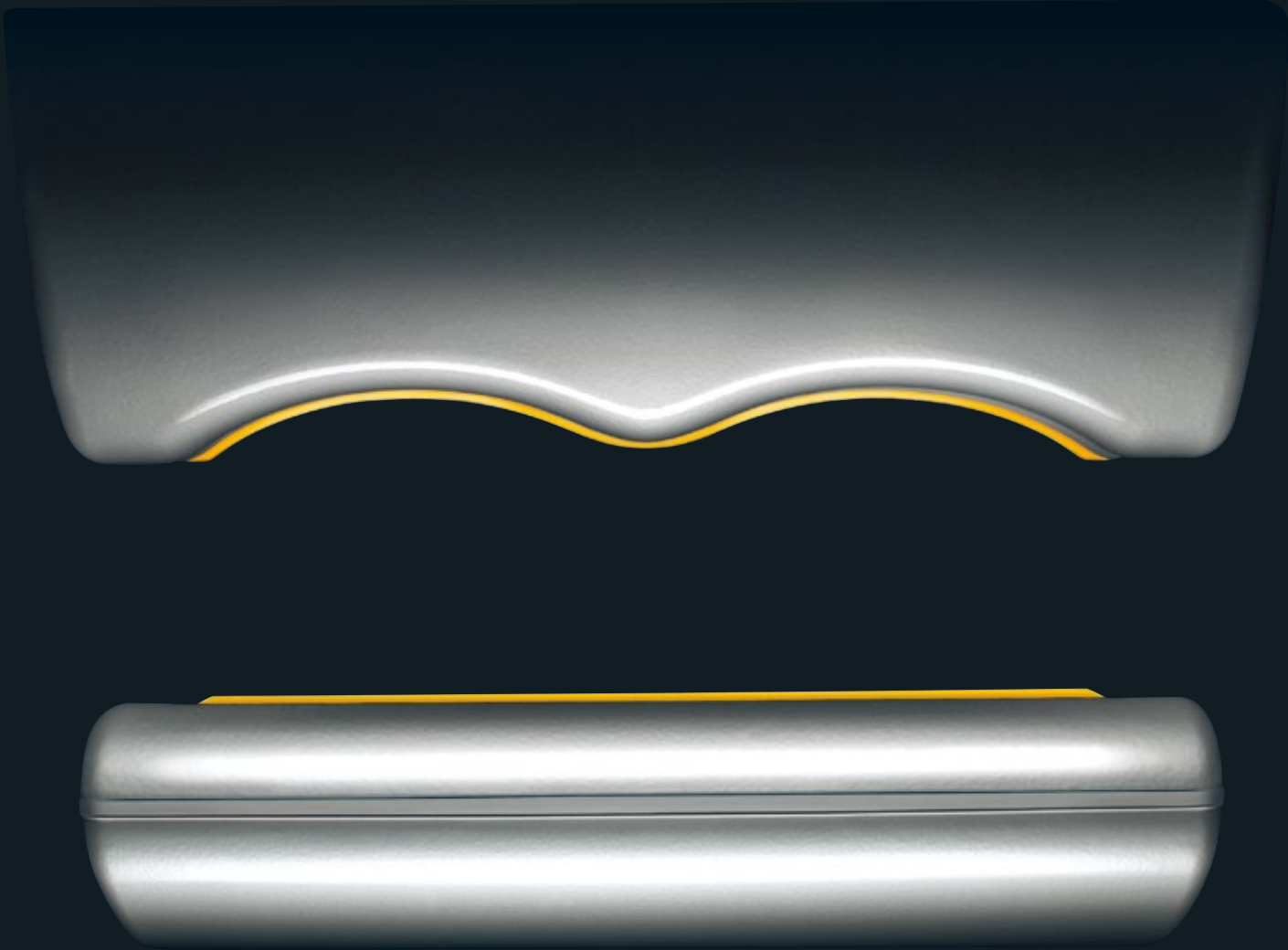


# dyson airblade

The fastest,  
most hygienic  
hand dryer.



TESTED. CERTIFIED. HYGIENIC.



www.GreenSpec.com



"HACCP International certifies the Dyson Airblade™ hand dryer as appropriate for use in food facilities that operate in accordance with an HACCPbased Food Safety Programme. The only hand dryer that's HACCP approved."



"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.

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

Visit our website  
[www.dysonairblade.ca](http://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.\*

\*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 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.\*\*



\*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

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.

### 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 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.

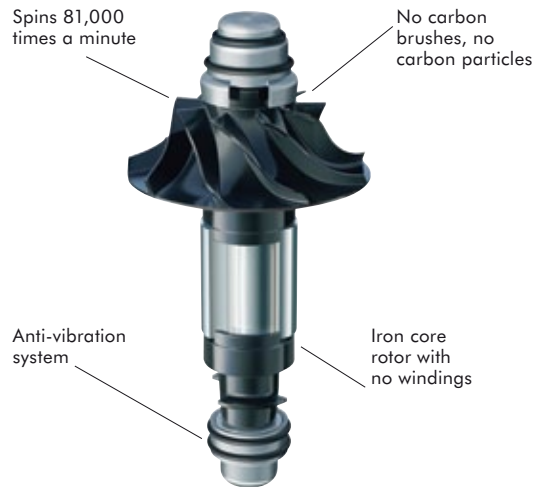
### Recyclable

Most components are recyclable.



No other hand dryer has this technology

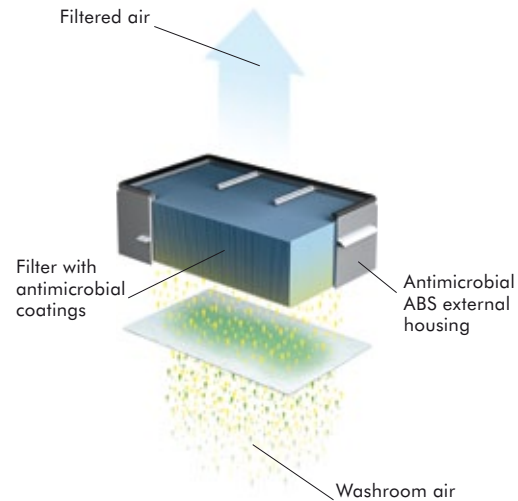
**Dyson digital motor**  
Using digital pulse technology, it spins 81,000 times a minute. It's the only hand dryer motor powerful enough to draw in 32 litres of air a second through a HEPA filter, and then dry hands in 12 seconds.



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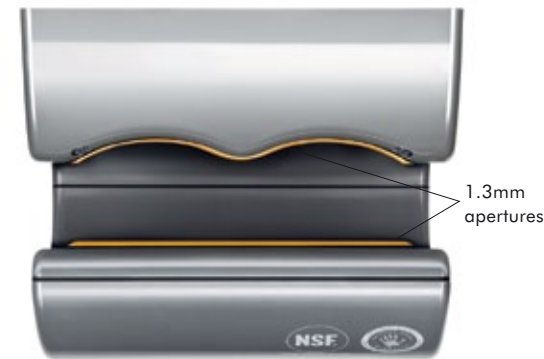
**HEPA filter**  
Dirty washroom air is forced through here, capturing 99.9% of the bacteria. So hands are dried using cleaner air, not dirty air.

+



**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 works like it

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 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](http://www.dysonairblade.ca)

\* 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 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.



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

## 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\*



## 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.

**1.76g**

CO2 per dry\*



**12.5g**

CO2 per dry\*



\*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 Kimberley 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.

## 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.

### 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 only hand dryer approved for food environments by HACCP

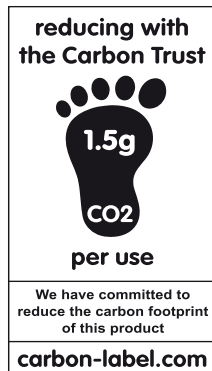
**“The technology addresses a number of unacceptable risks posed by hand dryers in the past. It’s easy to clean and is a touch-free system. It also has a fast dry cycle. With the inclusion of a HEPA filter, these features combine to reduce considerably the risk of microbiological contamination and thereby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



**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.

### Efficient standby mode

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

### 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.

### Touch-free operation

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

### 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.

### Robust and durable casing

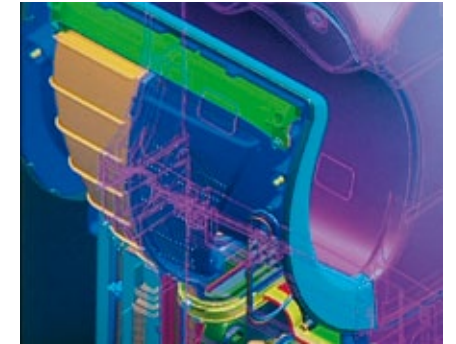
Resists chips and scratches.



## 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.

## Product range

AB  
02

AB02 has an aluminium casing for high-impact venues such as airports and nightclubs.

Silver



AB  
04

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

Grey



White



### 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.