

# dyson airblade

The fastest, most hygienic hand dryer



# The problem with paper towels



They're very expensive over time.



Dispensers are not hygienic.



They're bad for the environment.



They're labor intensive.

**Paper-towels have always been expensive, labor-intensive, and bad for the environment.**

# The problem with other hand dryers



They're inefficient and expensive to run.



They're not hygienic.



22 SEC+

They typically take in excess of 22 seconds to dry hands properly.



They blow hot, dirty air onto clean hands.

**Other hand dryers haven't changed much in over 60 years.**

**They use out-dated and inefficient technology, are expensive to run and are unhygienic.**

**They just don't work properly.**

# dyson airblade

## Hand drying re-engineered

Dyson Airblade™ is a new type of hand dryer that wipes hands dry with a high velocity blade of air. It's the fastest, most hygienic hand dryer. It dries hands in just 12 seconds and removes 99.9% of bacteria from the air.

It uses up to 80% less energy, so it's better for your business and better for the environment.

It's the first and only hand dryer that works properly.



# How it all works



\*actual model may vary from depicted model

# What's different about Airblade™

## 1 Dyson Digital Motor

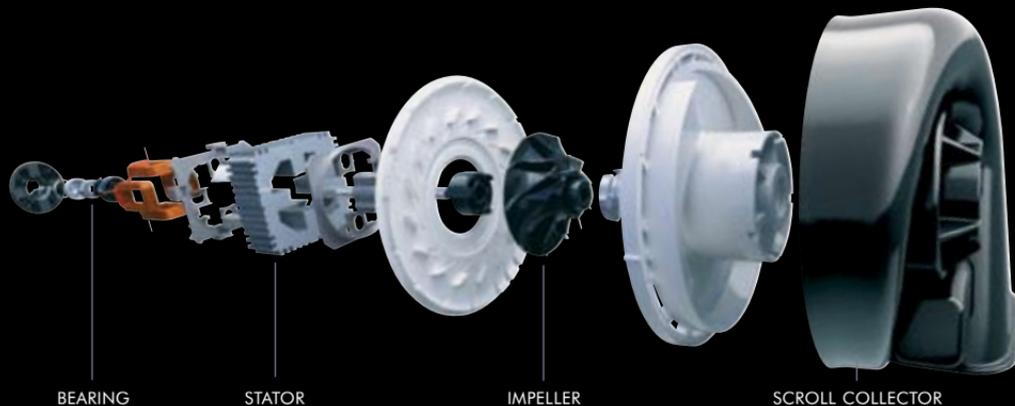
The long-life, low-energy electric motor doesn't rely on brushes or fixed magnets. It's rated at 1400 watts compared with other hand dryer motors that typically use 2400 watts.

## 2 No heating element

Other hand dryers use a heating element that needs lots of energy. Dyson Airblade™ doesn't use a heating element – so less energy is used.

## 3 Speed

Dyson Airblade™ dries hands faster than any other hand dryer, consuming less energy.



# Fastest dry

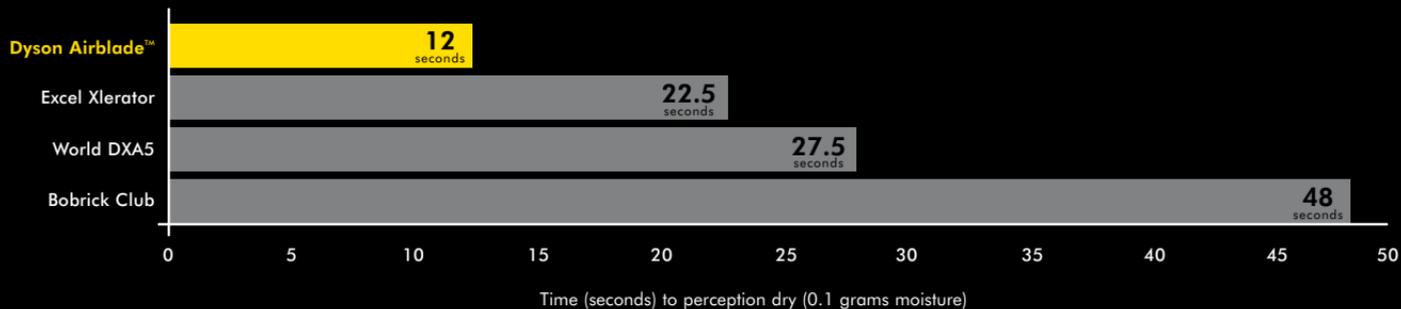
Other hand dryers typically take in excess of 22 seconds to dry hands.

**Dyson Airblade™ dries hands in just 12 seconds.**

Traveling at over 400 miles per hour, pressurized air is released through an aperture the width of an eyelash.

The blade of air effectively strips any unwanted moisture from hands to leave them completely dry.

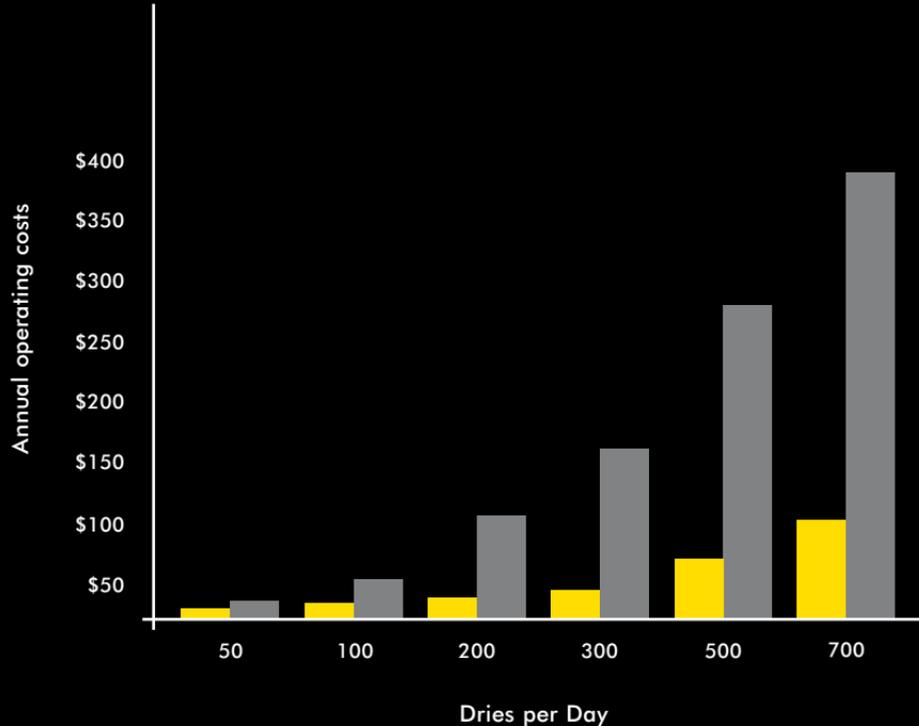
Your customers spend less time waiting for their hand dryer to work and you spend less money paying for it.



# Lower operating costs

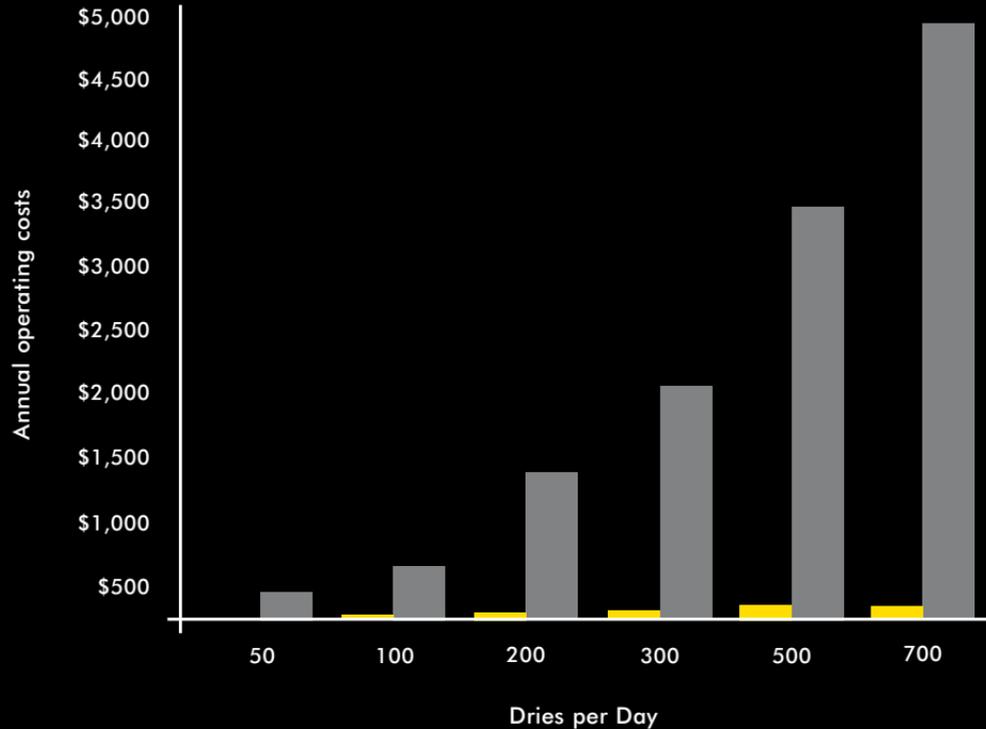
Dyson Airblade™ uses up to 80% less energy than conventional hand dryers, so running costs are considerably lower.

 Dyson Airblade™  
 Conventional Hand Dryers



When compared to paper towels, the Dyson Airblade™ hand dryer offers operating cost savings of nearly 98%.

 Dyson Airblade™  
 Conventional Hand Dryers



# Testing, testing, testing

## How do our engineers know that Dyson Airblade™ is so fast and hygienic?

They commissioned leading independent hygiene specialists to benchmark it against other hand dryers. Their findings concluded other hand dryers are unhygienic and expose users to potentially serious health hazards.

## Being fast and hygienic is one thing. Enduring the rigors of a busy restroom is another thing altogether.

Engineers at Dyson's Design and Development Center spent 3 years developing, testing and refining Dyson Airblade™. They scrutinized every part of it in exhaustive detail to ensure its durability. That's why the Dyson Airblade™ hand dryer has a five year parts limited warranty.



Sampling hand dryers and bathroom air for bacteria

Bacteria found in competitor hand dryer airflow



Anti-bacterial surface testing



Tested, tested and tested again for over 8,000 hours



Testing air filtration, electrics and sound

# The most hygienic hand dryer

## Automatic

Some other hand dryers have buttons that can get covered with bacteria.

Dyson Airblade™ starts and stops when users insert and remove their hands, so there's no need to touch anything.

Anti-microbial additives in the casing reduce bacterial and fungal growth. So even if the casing is touched, the risk of contamination is virtually eliminated.

## No rubbing

Other hand dryers rely on rubbing of hands to stimulate drying. But this can release potentially harmful bacteria in lower skin layers which may cause cross-contamination.

Dyson Airblade™ doesn't require users to rub their hands, so potential health risks are minimized.

## It dries faster

Other hand dryers take too long to dry hands properly. Users end up walking away with damp hands, which spread 1,000 times as many bacteria as dry hands.

Dyson Airblade™ takes just 12 seconds to dry hands properly.

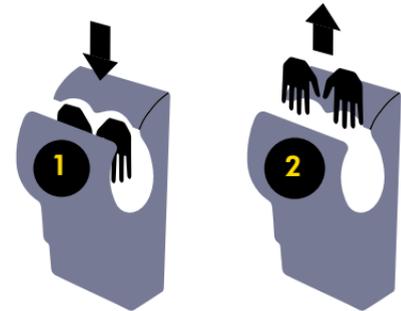
## Clean air

Other hand dryers simply suck in dirty air, heat it up and blow it onto users' hands.

Dyson Airblade™ has a HEPA filter which removes more than 99.9% of the bacteria from the air used to dry hands.

## Using Dyson Airblade™

- 1 Insert your hands and the Dyson Airblade™ will start automatically.
- 2 Withdraw your hands slowly upwards through the air.



# The first and only hand dryer to be NSF certified



## National Sanitation Foundation

NSF International, The Public Health and Safety Company™, is a not-for-profit, non-governmental organization. NSF develops national standards and protocols and is widely recognized for its scientific and technical expertise in the health and environmental sciences. NSF is the world leader in standards development, product certification, education, environmental protection

and risk-management for public health and safety. This protocol establishes minimum requirements for health and sanitation characteristics of hygienic commercial hand dryers. Commercial hand dryers can promote distribution of potentially pathogenic bacteria and allergenic mold spores or recontaminate hands with bacteria and molds during drying.

## NSF Protocol P335

The Dyson Airblade™ meets or exceeds the standards of NSF protocol P335 and is the first and only hand dryer to be NSF certified.

## Other endorsements:



"The Royal Institute of Public Health considers that the Dyson Airblade™ is a significant step forward in hand dryer technology and hygiene."



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

# ABO2 Technical specifications

<b>Dry time</b>	Drying time Appox 12 seconds (to 0.1 g residual water) Airspeed at hands 400 Mph Airspeed at hands 35,000 Linear feet per minute
<b>Filtration</b>	HEPA filter for clean air H13 HEPA with anti-microbial additives Air filtration efficiency 99.97%  Dyson Digital Motor (DDM) Long-life, energy efficient, switch reluctance Machine input power 1400 watts Motor speed 81,000 rpm Air Hp 1
<b>Energy</b>	Total energy cost per year: \$26.03 (200 dry/day, 300 day/year, \$0.09/KWh)
<b>Sensors</b>	Reflective infrared sensors for touch-free operation Lockout time 30 seconds
<b>Power</b>	Machine voltage rating 110/120v, 60 Hz, AC Amperage 15 amp dedicated circuit

<b>Materials</b>	Robust, durable, scratch proof, easy to clean Casing Die cast aluminium casing, anti-bacterial external plastics/rubber Coating Scratch-proof lacquer with anti-microbial additives
<b>Installation height</b>	Top of machine (to floor) Men 41" Women 38" Children/Handicap 34" Mounting bracket (to floor) Men 39" Women 36" Children/Handicap 32" Bottom of machine (to floor) Men 16" Women 13" Children/Handicap 9"
<b>Dimensions</b>	Dimensions Height 25 3/8" x Width 12 1/4" x Depth 10" Unboxed Weight 33 lbs. (15 kg)
<b>Logistics</b>	Box Dimensions Height 29.1" x Width 14.2" x Depth 12.2" Packaged Weight 40 lbs. (18 kg) Serial number prefix ABO2



5 year parts limited warranty

# How to receive more information on Dyson Airblade™



Call Dyson direct

**US: 1-888-DYSON-AB**



Visit Dyson online at

**[www.dysonairblade.com](http://www.dysonairblade.com)**

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