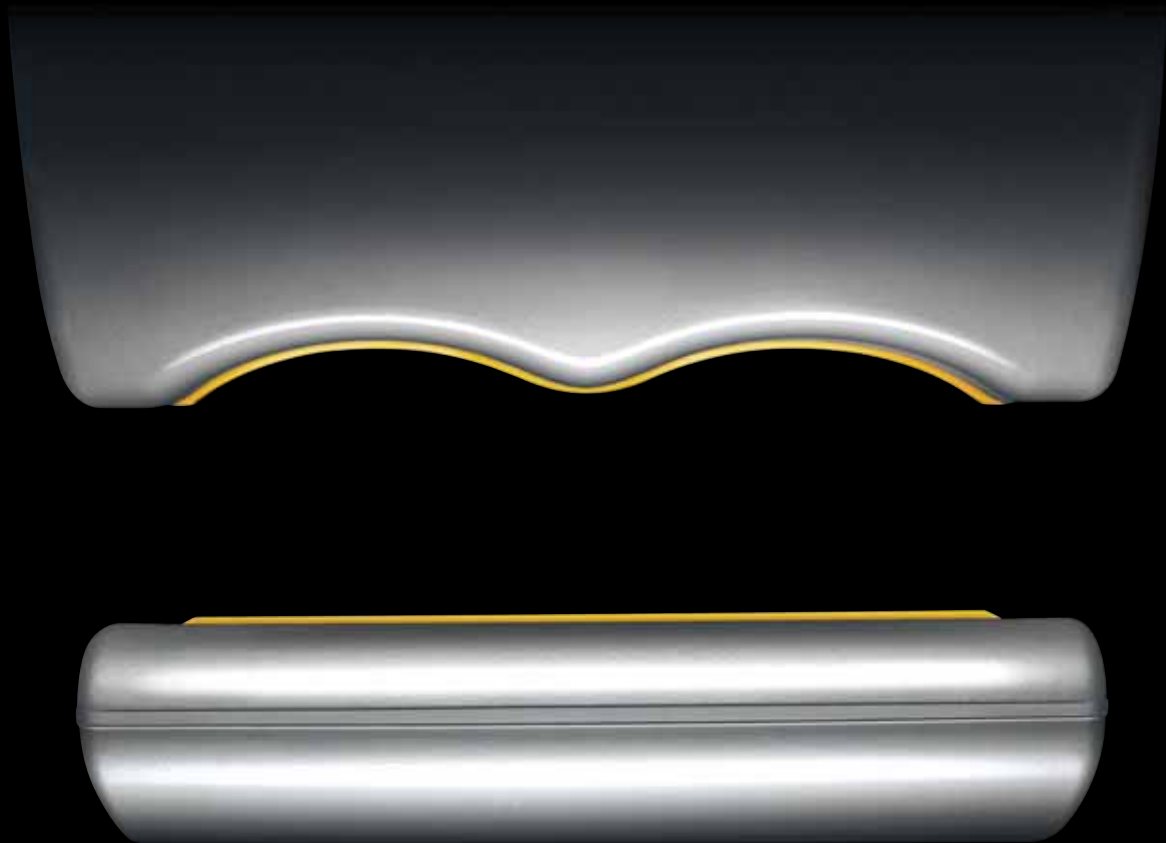


dyson airblade

The fastest,
most hygienic
hand dryer.



The problem with other hand dryers

Too slow

Others take up to 43 seconds to dry hands.*

Not always hygienic

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.

*Dry time measured according to protocol NSF P335.

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 often 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

Producing, supplying and disposing of paper towels creates carbon dioxide emissions. This process is continuous.



Only one hand dryer works properly

The Dyson Airblade™ hand dryer works in just 10 seconds.*

Air is filtered before blowing it onto hands, so it's hygienic. It also uses considerably less energy than warm air hand dryers.

Because almost every component part is recyclable there's little waste at the end of its life.

* Dry time tested to NSF Protocol P335.

Did you know?

Dyson Airblade™ hand dryers are installed in well known locations all over the world, including: the London Eye, Universal Studios and the LA Dodgers Stadium.

Fastest

Hands are dry in 10 seconds.

Filtered air

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

Less energy

Considerably less energy than warm air hand dryers.

Lower running costs

Costs up to 98% less to run than paper towels per year. And significantly less than warm air hand dryers.*

No paper

No waste paper.

Recyclable

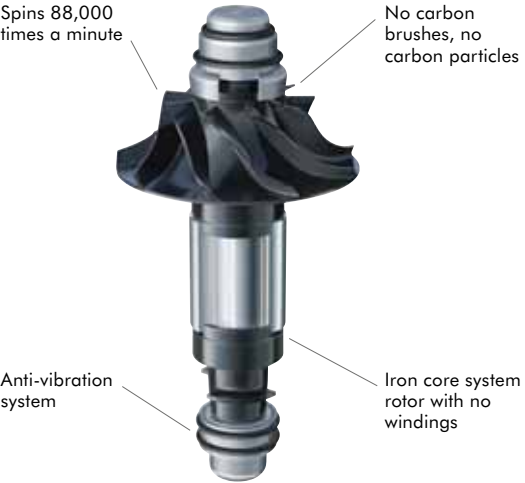
Most component parts are recyclable.

*Usage based on 2 towels per dry. 1600W machine shown. Calculations include standby power. Cost based on SAR 0.02 pence per paper towel (data from Dyson internal research – Jan 2010) and SAR 0.15 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.



No other hand dryer has this technology

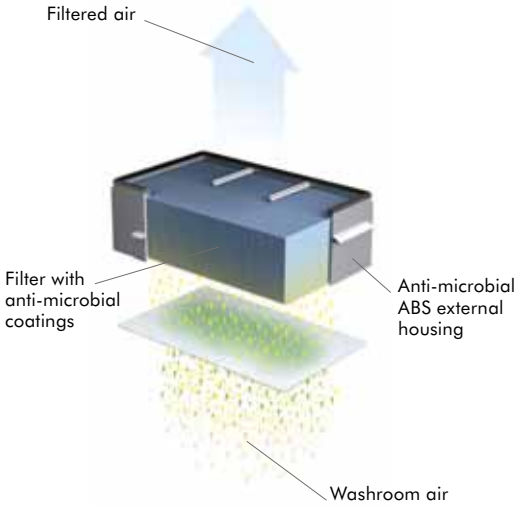
Dyson digital motor
Using digital pulse technology, it spins 88,000 times a minute. It's the only hand dryer motor powerful enough to draw in 35 litres of air a second through a HEPA filter, and then dry hands in 10 seconds.



+

HEPA filter
Dirty washroom air is forced through this, 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 640kmph 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

*To NSF Protocol P335.

Scientifically evaluated and approved

A recent hand hygiene study by the Bradford 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.*



The most 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 certified hygienic hand dryer.”

Karen Hall
Microbiologist, Dyson

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

Air filtration

Dust and bacteria must be removed from the air before it dries hands.

Unheated air

Heated air can remove beneficial oils from the skin.

Drying time

Hands must be dried in under 15 seconds. 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.

*A. M. Snelling et al (2010). Comparative evaluation of the hygiene efficacy of an ultra-rapid hand dryer vs. conventional warm air hand dryers. *The Journal of Applied Microbiology*; 110(1): 19-26.

Saves you money

The Dyson Airblade™

hand dryer costs you less to run

A faster dry time and no energy-hungry heating element means running the Dyson Airblade™ hand dryer costs considerably less than warm air hand dryers and up to 98% less than paper towels.

SAR 49

per year*



SAR 235

per year*



SAR 2774

per year*



Reduces your carbon footprint

Switch from paper towels

Paper towel production involves pulping and chemical bleaching. 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.

*Usage based on 200 people visiting a washroom per day, 365 days per year. Based on 2 towels per dry (data from Dyson internal research – Sept 2008). Calculations do not include standby power. Cost based on SAR 0.02 per paper towel (data from Dyson internal research – Jan 2010) and SAR 0.15 per kWh (data from Dyson Internal Research). Paper towel dispenser and hand dryer purchase costs are excluded from comparison.

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 (AB01) 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 can leave staff with damp hands because they’re often too slow and they circulate dirty bathroom air back onto clean hands. The Dyson Airblade™ hand dryer dries hands in just 10 seconds, it has a HEPA filter and anti-microbial coating.

Guaranteed to last

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 from human origin).



The Hazard Analysis and 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 high-velocity sheets of air – like a windscreen wiper.

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

1600W 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 up to 6,000 times per second, making the high-compression fan spin up to 88,000 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 additive on all external surfaces kills bacteria.

Robust and durable casing
Resists chips and scratches.

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 640kmph.
- 7 The two sheets of air literally scrape water from hands.



Product range

**AB
01**

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

Silver



**AB
03**

AB03 is made from a tough, ABS polycarbonate for regular washrooms – and is 50% less carbon-intensive to manufacture than the aluminium AB01.

Grey



White



10 second dry time*

Sheets of air travelling at over 640kmph scrape water from hands like a windscreen wiper.

Costs less to run

Dries 29 pairs of hands for the price of a single paper towel.**

Uses considerably 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.

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 surface bacteria.

Tough and durable

Robust, vandal-proof casing.

5 year guarantee

Comes with a 5 year guarantee covering parts and 1 year labour guarantee.

* To NSF Protocol P335.

** Calculations based on average paper towel cost of SAR 0.02 and an electricity charge of SAR 0.15 per kWh. Source: Dyson Internal Research.

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The fastest, most hygienic hand dryer.

For more information or
to find out how to buy:

Call: **920005759**
Email: **ask@creativebox.biz**
Visit: **www.sa.dysonairblade.com**



TESTED. CERTIFIED. HYGIENIC.



"HACCP International certifies the Dyson Airblade™ hand dryer as appropriate for use in food facilities that operate in accordance with an HACCP based 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 product its revolutionary hand dryer."