

dyson airblade

dyson airblade

Fast to dry hands hygienically
with HEPA filtered air



See what Dyson technology
can do for your business.
[Dyson.com](https://www.dyson.com)

Why do we put up with products that don't work properly?

In 1907, paper towels were introduced to washrooms. The electric hand dryer made its first appearance in 1948. But both have changed little since – they can still be expensive and harmful to the environment, and in the case of electric hand dryers, unhygienic.

At Dyson, our engineers didn't think that was good enough. So in 2006, they put a century of poor performing hand drying methods to rest – with the invention of Airblade™ technology.

The problems with paper towels

Some paper towels may have a high impact on the environment and cause extra maintenance through mess and blockages. This can make them very expensive. And because dispensers may be found empty leaving no way to dry hands, paper towels can create hygiene issues beyond the washroom.

Did you know?

Ensuring hands are dry is crucial for maintaining hygiene levels, as damp hands can spread up to 1,000 times more bacteria to the surfaces they touch.¹

1. D. R. PATRICK, G. FINDON and T. E. MILLER: Residual moisture determines the level of touchcontact associated bacterial transfer following hand washing. *Epidemiol. Infect.* (1997); 119, 319-325.





The single-use paper towel

Most used paper towels aren't recycled and create waste – which often goes into landfill.



**Low energy consumption**

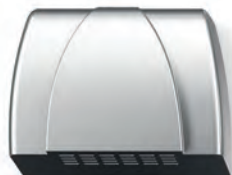
The Dyson Airblade 9kJ hand dryer is our most energy efficient. The powerful Dyson digital motor dries hands quickly, yet uses just 10.7 kilojoules of energy per dry.²

365,000-use item

Dyson Airblade™ hand dryers are engineered to last. They have also been exposed to real-life environments to ensure that they can withstand the pressures of high usage.

2. Energy consumption determined for Max mode.

The problems with other ordinary hand dryers



Warm air dryers

Warm air dryers are slow. Which means they're energy hungry, expensive to run and unhygienic.

Dry times can take more than 20 seconds, so many users give up before their hands are dry – risking increased spread of bacteria.

Jet dryers

Other jet dryers might look like a Dyson Airblade™ hand dryer. But without patented Airblade™ technology and HEPA filters as standard, their performance is not the same. Thanks to weak motors, some other jet dryers can't generate the fast airflow needed to dry hands quickly. They can also lack the power required to draw the air through a HEPA filter.

So most other jet dryers aren't just slower than Airblade™ technology, they're less hygienic too.

Inside a drain tank

Some hand dryers collect waste water using drain tanks. But these are unhygienic – providing the perfect breeding ground for bacteria.

Drain tanks must be emptied and cleaned regularly – adding time and effort to the washroom maintenance process, and risking spillage of waste water during disposal.



Did you know?

Dyson microbiologists sampled drain tanks and detected high levels of bacteria.³

Dyson Airblade™ hand dryers work differently

These are the reasons why:

Dyson digital motor V4

HEPA filter

Airblade™ technology

Fast to dry hands hygienically
with HEPA filtered air.
No other hand dryer
has this technology.



HEPA filter

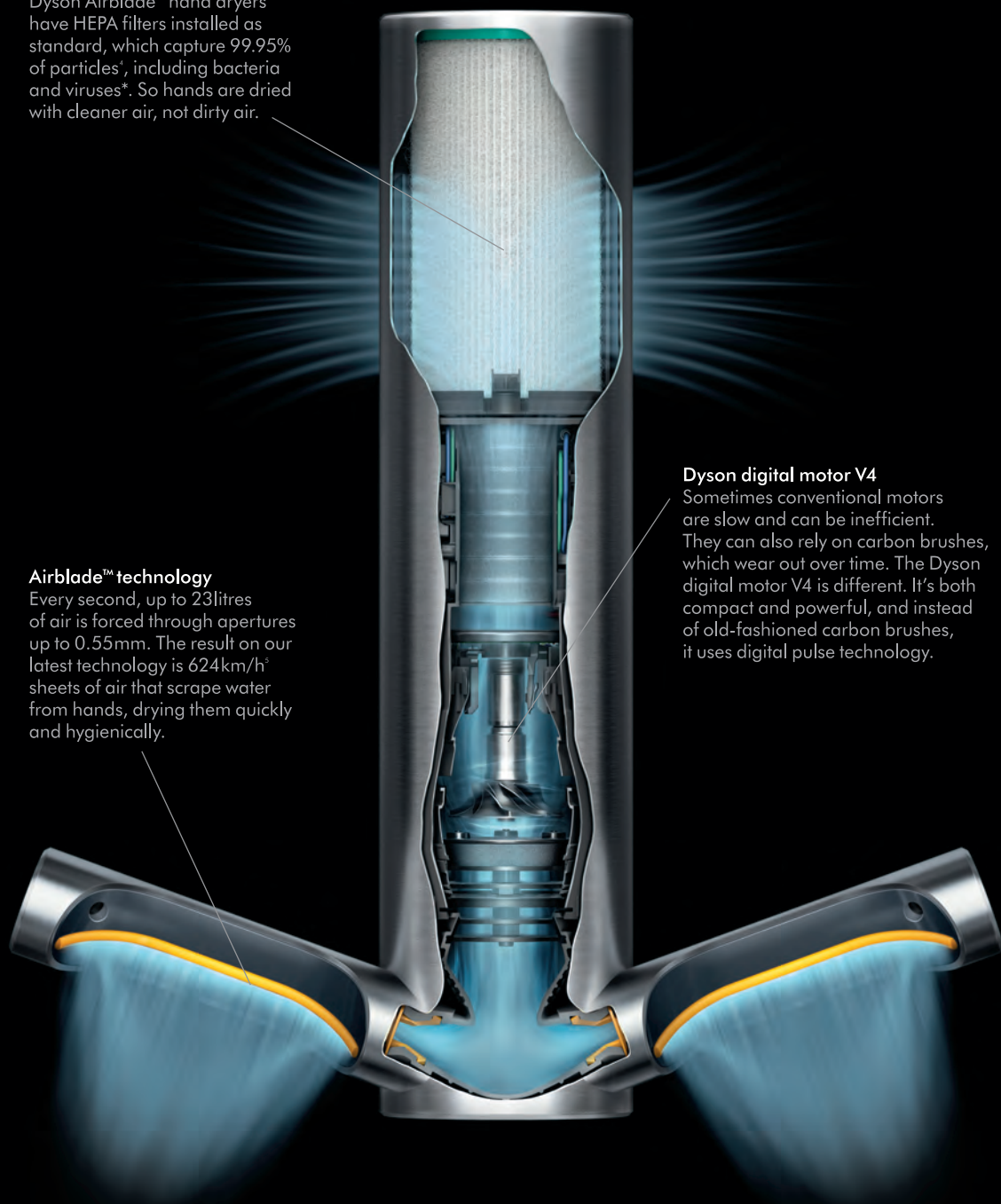
Dyson Airblade™ hand dryers have HEPA filters installed as standard, which capture 99.95% of particles⁴, including bacteria and viruses⁵. So hands are dried with cleaner air, not dirty air.

Airblade™ technology

Every second, up to 23 litres of air is forced through apertures up to 0.55mm. The result on our latest technology is 624km/h⁵ sheets of air that scrape water from hands, drying them quickly and hygienically.

Dyson digital motor V4

Sometimes conventional motors are slow and can be inefficient. They can also rely on carbon brushes, which wear out over time. The Dyson digital motor V4 is different. It's both compact and powerful, and instead of old-fashioned carbon brushes, it uses digital pulse technology.



4. HEPA filter tested to EN1822-5, by an independent testing laboratory, under prescribed test conditions. 5. Measured in Max mode.

* Tested by an independent laboratory, under prescribed test conditions, using the bacteria *Brevundimonas diminuta* and the virus MS-2 coliphage.

Some hand dryers are too slow

Some hand dryers are much slower than their manufacturers claim. Many people give up when using a slow hand dryer. But damp hands can spread up to 1,000 times more bacteria than dry hands.¹



Up to

20+ sec

No HEPA filter as standard



Dyson hand dryers are fast

Testing based on NSF Protocol P335 shows that Dyson Airblade™ hand dryers are fast. Every second, up to 23 litres of air is forced through apertures up to 0.55mm wide. The result – up to 624km/h⁵ sheets of air that scrape water from hands, drying them quickly and hygienically.



10/12 sec⁹

Max mode/Eco mode

HEPA filter as standard

12 sec⁹

HEPA filter as standard

14 sec⁹

HEPA filter as standard

1. D. R. PATRICK, G. FINDON and T. E. MILLER: Residual moisture determines the level of touch contact associated bacterial transfer following hand washing, Epidemiol. Infect. (1997): 119, 319-325. 5. Measured in Max mode. 9. Dry time determined using Dyson test method 769 based on NSF P335 to a measurement of 0.1g residual moisture.

Airblade™ technology is fast and hygienic

These are the reasons why:

Dyson digital motor V4

HEPA filter⁴

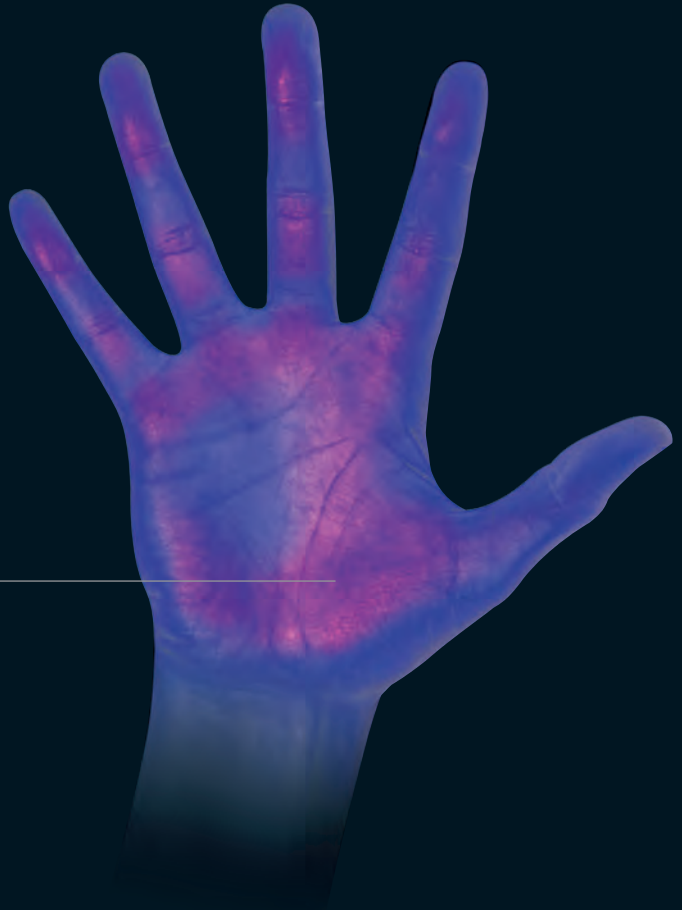
10-14 second dry time⁹

No drain tank

Antibacterial additive⁶

No heating element

Touch-free operation



Damp hands can spread
up to 1,000 times more
bacteria than dry hands¹.



1. D. R. PATRICK, G. FINDON and T. E. MILLER: Residual moisture determines the level of touch-contact associated bacterial transfer following hand washing, *Epidemiol. Infect.* (1997): 119, 319-325. 4. HEPA filter tested to EN1822-5, by an independent testing laboratory, under prescribed test conditions. 6. Dyson Airblade V and Wash+Dry hand dryer. * Tested by an independent laboratory, under prescribed test conditions, using the bacteria *Brevundimonas diminuta* and the virus MS-2 coliphage. 9. Dry time determined using Dyson test method 769 based on NSF P335 to a measurement of 0.1g residual moisture.

Hygienically drying hands is as important as washing them

Bacteria and viruses deposited by hands onto surfaces can survive for several hours. When others touch these contaminated surfaces, they can be transferred. It's why it's important that hands are dried properly.

Hygienic hand dryers

Dyson Airblade™ hand dryers use HEPA filters. 99.95% of particles⁴, including bacteria and viruses* are captured from the washroom air. So hands are dried in 14 seconds or less using cleaner air, not dirty air. The Dyson Airblade V hand dryer contains an antibacterial additive which can help prevent the growth of bacteria.

Certified as hygienic by HACCP International

The Dyson Airblade Wash+Dry hand dryer has been certified for use in food preparation environments.

Other hand drying methods
can be more expensive to run

Paper towels need constant restocking and disposal. Some other hand dryers are slow. They can be energy-hungry too.



Up to

US\$2,190

per year*

Up to

US\$140

per year*



Low running costs

Dyson Airblade™ hand dryers cost up to 86% less to run than other hand dryers, and up to 99% less than paper towels.⁷



US\$22/19

Max mode/Eco mode

per year⁷

US\$31

per year⁷

US\$34

per year⁷

7. Average electricity price US\$ 0.1/kWh for the US market, as of May 2019. For calculations visit [dyson.com.sg/calcs](https://www.dyson.com.sg/calcs).

Higher impact on the environment

Dyson Airblade™ hand dryers produce up to 85% less CO₂ than warm air hand dryers and up to 85% less than paper towels.⁸



Up to

17.1g

CO₂ per dry⁸

Up to

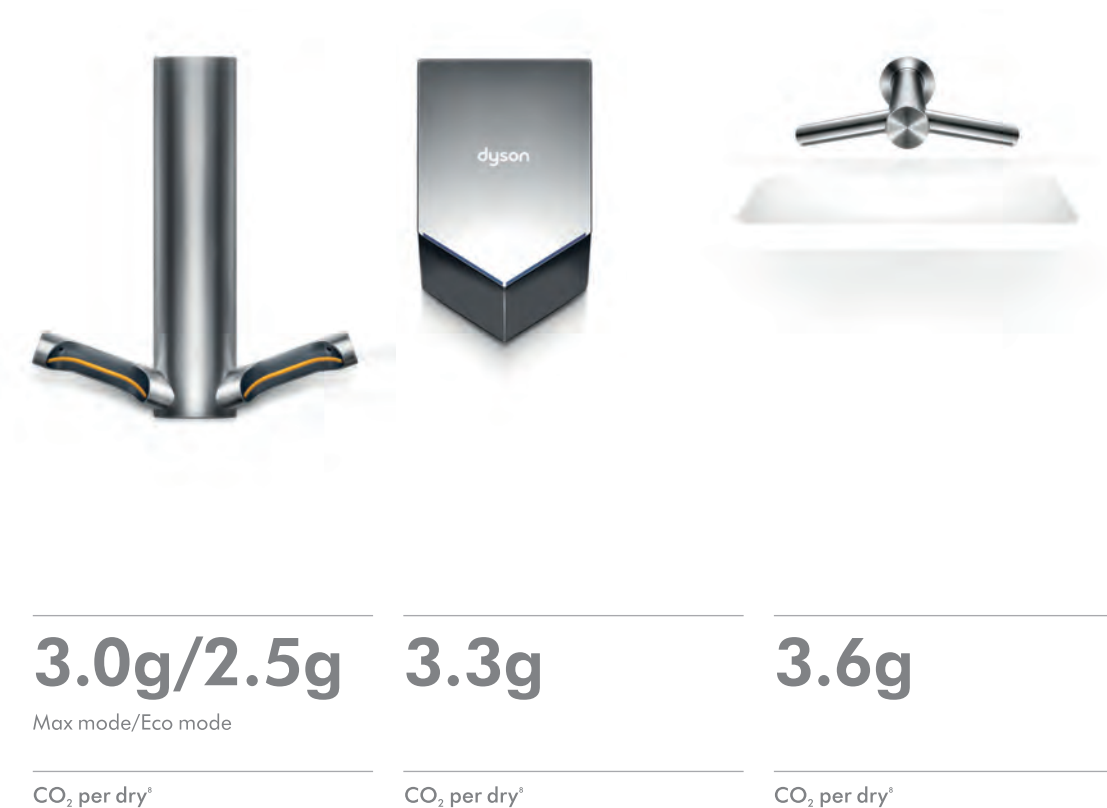
16.8g

CO₂ per dry⁸



Low impact on the environment

Dyson Airblade™ hand dryers have a lower environmental impact across measures including carbon emissions⁸ and energy consumption. They are the only hand dryer certified by the Carbon Trust.



8. The environmental impact of electrical appliances and paper towels was measured by Carbon Trust. The calculations were produced using the software Footprint Expert Pro, based on product use over 5 years and using weighted averages of individual countries of use. Dry times for product were evaluated using DTM 769.

5 year warranty. Unrivalled service.

Test. Test. Test.

Dyson Airblade™ hand dryers are engineered to last. They have been repeatedly tested for durability and resilience to physical abuse. They have also been exposed to real-life environments to ensure that they can withstand the pressures of high usage.

Additional peace of mind

Dyson Airblade™ hand dryers have 5 year parts warranty.

Aftersales support

But if anything does go wrong with your machine, we provide repair and maintenance support through Dyson service engineers and self-service spare parts. Reducing downtime and disruption to your facilities.

Dyson Airblade V hand dryer

5 year parts warranty,
easy self-service.

Dyson Airblade 9kJ hand dryer

5 year parts warranty,
easy self-service.

Dyson Airblade Wash+Dry hand dryer

5 year parts and labour warranty.





Dyson Airblade™ hand dryers have all these benefits

10-14 second dry time

Hygienic

HEPA filter as standard

Costs less to run

Better for the environment

5 year warranty



dyson



dyson airblade V

Engineered for hygienic performance.
Designed for compact spaces.

HEPA-filtered air

The Dyson Airblade V hand dryer has HEPA filters which capture 99.95% of particles⁴, including bacteria and viruses*, from the washroom air, before it's blown onto hands. So hands are dried with cleaner air, not dirty air.

More room. Less hassle.

With a slim, compact profile that protrudes just 10 cm from the wall, the Dyson Airblade V hand dryer takes up less space in the washroom. While its easy-mount backplate allows for easy, self-service installation, maintenance and replacement.

For full product details visit
[Dyson.com](https://www.dyson.com)



Certified by Quiet Mark

The Noise Abatement Society tested and approved the decibel levels and sound quality of the Dyson Airblade V hand dryer – awarding it the Quiet Mark. The Quiet Mark has been developed in response to public health concerns over the psycho-physiological effects of excessive or invasive sound produced by appliances.

4. HEPA filter tested to EN1822-5, by an independent testing laboratory, under prescribed test conditions. * Tested by an independent laboratory, under prescribed test conditions, using the bacteria *Brevundimonas diminuta* and the virus MS-2 coliphage.



dyson airblade 9kJ

Fast energy efficient
HEPA-filtered hand dryer

Low energy. Low running costs.

The Dyson Airblade 9kJ hand dryer uses 9.1 kilojoules of energy per dry, meaning it costs just US\$19 a year⁷ to run in Eco mode.

No compromises

While other hand dryers might compromise on noise, hygiene, speed or energy efficiency, we don't. The Dyson Airblade 9kJ hand dryer puts into practice everything we feel makes a better hand dryer – a fast energy efficient HEPA-filtered hand dryer.

For full product details visit
[Dyson.com](https://www.dyson.com)



Certified by Quiet Mark

The Noise Abatement Society tested and approved the decibel levels and sound quality of the Dyson Airblade 9kJ hand dryer – awarding it the Quiet Mark. The Quiet Mark has been developed in response to public health concerns over the psycho-physiological effects of excessive or invasive sound produced by appliances.



7. Average electricity price US\$ 0.1/kWh for the US market, as of May 2019. For calculations visit [dyson.com.sg/calcs](https://www.dyson.com.sg/calcs).



dyson airblade wash+dry

Airblade™ hand drying technology in a tap

Wash and dry hands at the sink

With Airblade™ technology in a tap, hands can be dried at the sink in just 14 seconds*. There's no need for users to move to a separate drying area, so less water is dripped on the floor.

Free up your washroom

Other hand drying methods take up valuable wall and floor space. With the Dyson Airblade Wash+Dry hand dryer, there's room for other facilities.

For full product details visit
[Dyson.com](https://www.dyson.com)



Certified by Quiet Mark

The Noise Abatement Society approved the decibel levels and sound quality of the Dyson Airblade Wash+Dry hand dryer – awarding it the Quiet Mark. The Quiet Mark has been developed in response to public health concerns over the psychophysiological effects of excessive or invasive sound produced by appliances.

9. Dry time determined using Dyson test method 769 based on NSF P335 to a measurement of 0.1g residual moisture.





The range

HU
02



Sprayed nickel



White

Engineered for hygienic performance. Designed for compact spaces.

HEPA filters capture 99.95% of particles*, including bacteria and viruses*

Slim format – just 100mm deep, no recessing required

Tested and certified by NSF International

Contains antibacterial additive

Touch-free operation

Certified by Quiet Mark

Easy to service. Safe electrical disconnect.

12-second dry time*

Costs as low as US\$31 to run per year*

Small carbon footprint*

HU
03



Fast energy efficient HEPA-filtered hand dryer

Low energy. 9.1kJ per dry in Eco mode

Switch between two power modes
Max: 900W or Eco: 650W

No paper mess. No paper waste

HEPA filter captures 99.95% of particles*, including bacteria and viruses*

Certified by Quiet Mark

Tough and robust

Slim format – just 100mm deep, no recessing required

Touch-free operation

Easy to service. Safe electrical disconnect

10-second dry time* in Max mode

Costs as low as US\$19 a year* to run in Eco mode

Small carbon footprint*



The Carbon label is a trademark of the Carbon Trust.
HACCP International non-food certification mark is the registered trademark of HACCP International. HACCP International have certified Dyson products based on their recommended installation and operating conditions.
Quiet Mark is a registered trademark of the Noise Abatement Society.



Airblade™ hand drying technology in a tap

- Saves space
- Wash and dry hands at the sink
- No dripped water on the floor
- Saves water¹⁰
- HEPA filter captures 99.95% of particles⁴, including bacteria and viruses⁵
- Certified for use in food environments by HACCP International
- Automatic water flush, activates after 24 hours – helps reduce water stagnation problems
- Certified by Quiet Mark
- Touch-free operation
- 14-second dry time⁹
- Costs as low as US\$34 to run per year⁷
- Small carbon footprint⁸

4. HEPA filter tested to EN1822-5, by an independent testing laboratory, under prescribed test conditions. * Tested by an independent laboratory, under prescribed test conditions, using the bacteria *Brevundimonas diminuta* and the virus MS-2 coliphage. 7. Average electricity price US\$ 0.1/kWh for the US market, as of May 2019. For calculations visit [dyson.com.sg/calcs](https://www.dyson.com.sg/calcs). 8. The environmental impact of electrical appliances and paper towels was measured by Carbon Trust. The calculations were produced using the software Footprint Expert Pro, based on product use over 5 years and using weighted averages of individual countries of use. Dry times for product were evaluated using DTM 769. 9. Dry time determined using Dyson test method 769 based on NSF P335 to a measurement of 0.1g residual moisture. 10. Reduction in water compares 4l/min aerator fitted as standard to the Dyson Airblade Tap hand dryer to 1.9 l/min aerator fitted to the Dyson Airblade Wash+Dry hand dryer.