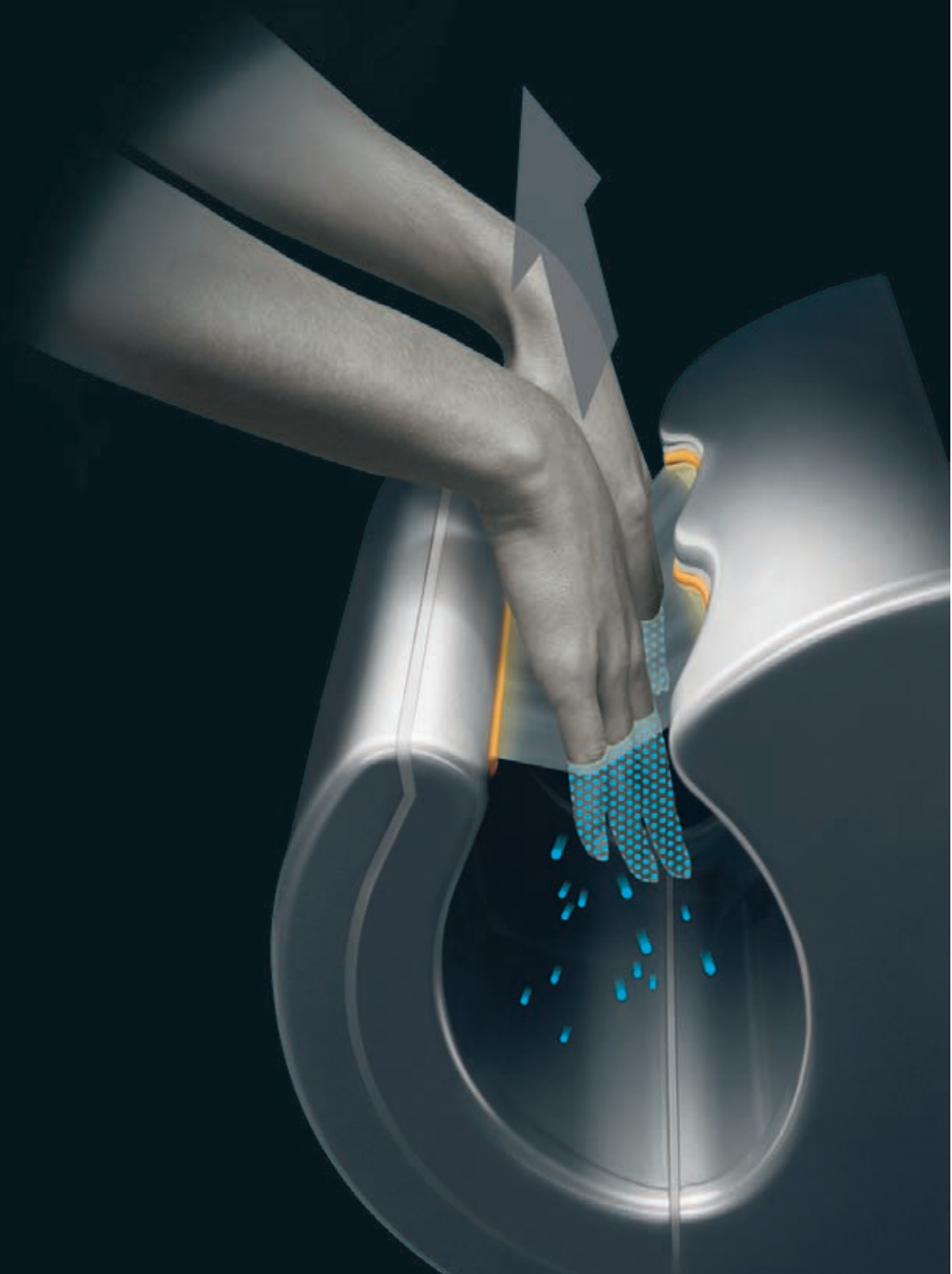


# dyson airblade

The fastest, most hygienic hand dryer.

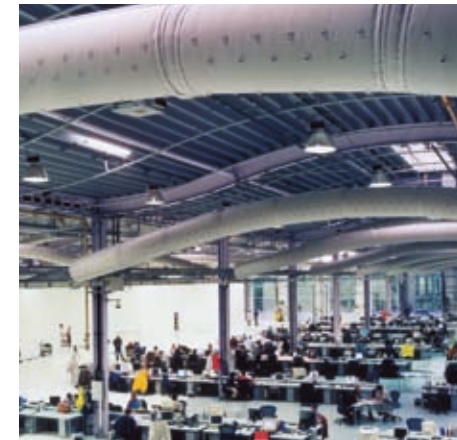




# Dyson is about new technology.

**Did you know** Every year, Dyson re-invests half its profits developing new ideas. New thinking. Like an entirely new type of hand dryer technology.

Its founder and chairman is James Dyson, a British engineer. He spent five years battling against the odds to develop and manufacture the first vacuum cleaner with constant suction. Today, Dyson vacuum cleaners are sold in 45 countries, including the UK, US and Australia – where it's market leader. James works with 550 like-minded engineers and scientists at the Dyson research, design and development centre in the UK.





**Did you know** damp hands spread up to 1,000 times more bacteria than dry hands.

## The problem with some other hand dryers

They're too slow – some take as long as 43 seconds to dry hands.

It's because of their motors. Due to their design, they only blow enough airflow to remove just a little of the water from hands... while slowly evaporating the rest.

They can't filter the bacteria from the air before it reaches your hands either – that's unhygienic.

## The problem with paper towels

They're often expensive to buy, re-stock and dispose of – and they generate landfill.

For the cost of just one paper towel, the Dyson Airblade™ hand dryer dries 29 pairs of hands.\*

By changing to the Dyson Airblade™ hand dryer, you can make immediate savings and significantly reduce your organisation's carbon footprint, too

After all, when was the last time you used just one paper towel?

To see how other businesses have reduced their carbon footprint, costs and paper waste, visit [www.dysonairblade.com.au](http://www.dysonairblade.com.au) [www.dysonairblade.co.nz](http://www.dysonairblade.co.nz)

**They can block toilets.**

**Re-stocking and disposal can be expensive and labour-intensive.**

**They can be wasteful and leave a mess.**

**They take up valuable storage space.**

**They generate landfill.**



\*Calculations based on average paper towel cost of \$0.02 and on electricity charge of \$0.155 per kWh excl. GST.

**Did you know** Sydney gets through around 34 million paper towels each day.

dyson **airblade**

# The only hand dryer that literally scrapes water from hands

The Dyson Airblade™ hand dryer works in just 10 seconds – scraping water from hands like a windscreen wiper.

It's the fastest hand dryer – and it purifies the air before blowing it onto hands, so it's also hygienic.

And it uses up to 80% less energy than warm air hand dryers.

**Did you know**, Dyson Airblade™ hand dryers are installed at Star City Casino, Sydney; Central Station, Sydney; Fifteen Restaurant, Melbourne.

**Fastest**  
Hands are dry in  
just 10 seconds.

**Less energy**  
Uses up to 80%  
less than warm air  
hand dryers.



**Less cost**  
Less energy means  
lower running costs.  
Also costs less to run  
than paper towels.

**Clean air**  
A HEPA filter removes  
over 99.9% of washroom  
bacteria from the air  
used to dry hands.

Spins 88,000 times a minute

Iron core rotor with no windings

Anti-vibration system

No carbon brushes, no carbon particles

### Dyson digital motor

Designed by Dyson engineers, the Dyson digital motor works very differently to conventional, brushed motors.

It uses digital pulse technology – spinning an incredible 88,000 times a minute.

### airblade technology

Air is forced through two continuous apertures the width of an eyelash – creating sheets of air travelling at 640km/h – scraping water from hands in just 10 seconds.

You won't find Airblade™ technology in any other hand dryer.

0.3mm wide full-length apertures

High-speed air is forced through apertures

Rear aperture curved to follow contour of hands

**Did you know,** conventional motors rely on magnets and brushes that end up wearing down...



# Why Airblade™ technology is better

## **Faster**

Hands are dry in  
just 10 seconds.

## **Costs less to run**

A faster dry time and  
no energy-hungry  
heating element means  
it uses considerably less  
energy than warm air  
hand dryers.

## **The only truly hygienic hand dryer**

A HEPA filter purifies the  
air used to dry hands.

...and as they wear down they release carbon particles.

## 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 1 watt for increased energy efficiency.

**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.

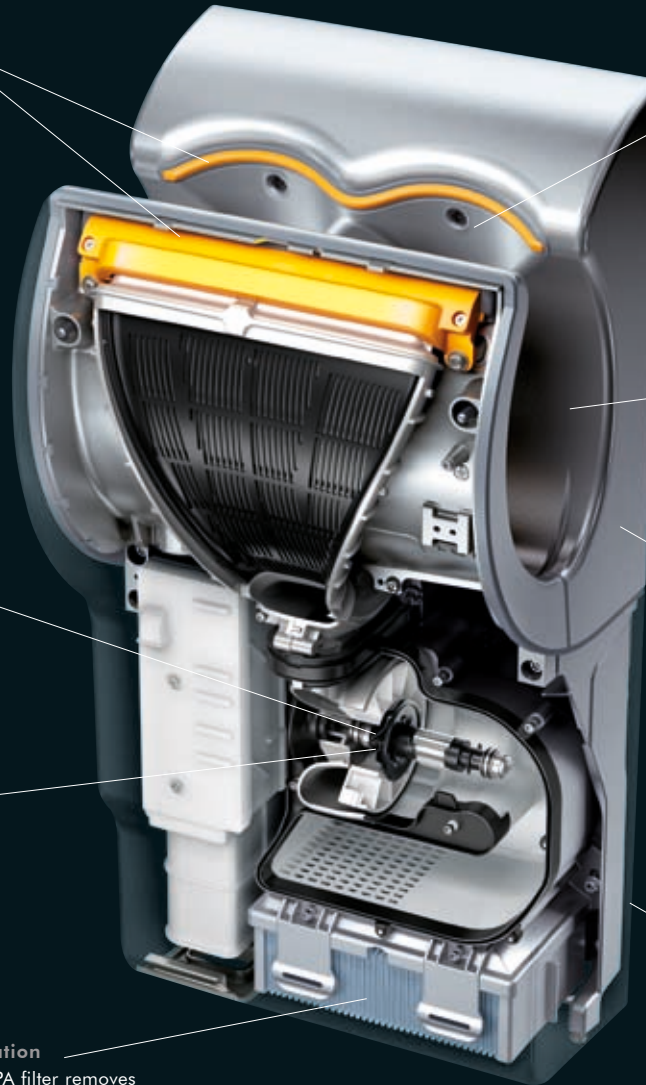
**HEPA filtration**  
Lifetime HEPA filter removes and eliminates over 99.9% of bacteria from the air used to dry hands.

**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.

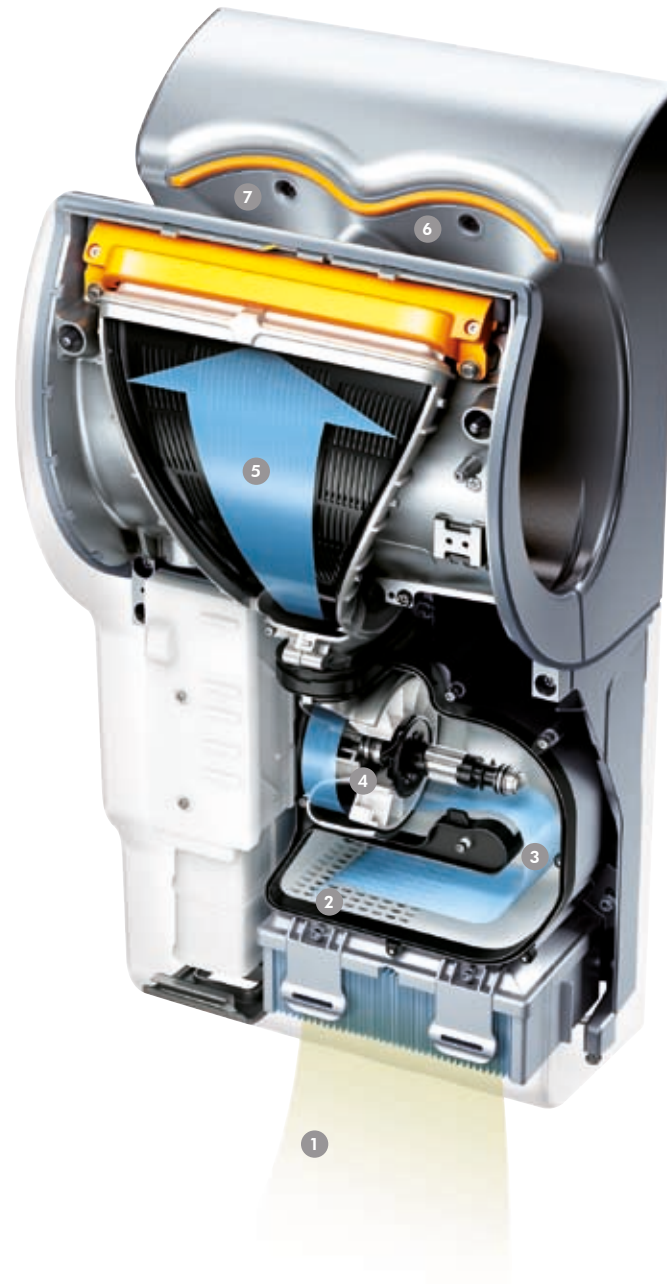
**Anti-microbial additives**  
Anti-microbial coating on all external surfaces kills 99.9% of bacteria.

**Robust and durable casing**  
Resists chips and scratches.



## How it works

- 1 Dirty washroom air is sucked in by the Dyson digital motor.
- 2 It passes through a hospital-grade HEPA filter, removing over 99.9% of the bacteria.
- 3 The purified 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 640km/h.
- 7 The two sheets of air literally scrape water from hands.

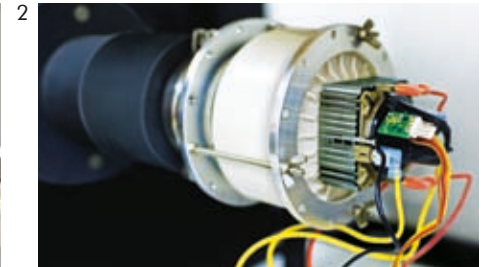


# Test. Test. Test.

Dyson engineers spent three years developing, testing and refining the Dyson Airblade™ hand dryer.

They experimented with different angles and widths of aperture for the fastest drying time. Testing helped find the optimum air pressure to effectively scrape water from hands while still being comfortable to use. They also tested every component for durability in the Dyson test facility.

That's why it comes with a 5 year parts and 1 year on site labour guarantee.



- 1 Measuring moisture levels in paper towels after hand drying.
- 2 Testing the Dyson digital motor's ability to spin consistently at 88,000rpm.
- 3 Dyson engineers exposed the machine to relentless abuse and endurance testing.
- 4 Sampling hand dryers and washrooms for bacteria.
- 5 50 fresh chickens were used to contaminate the hands of volunteers for microbiological skin testing before and after washing and drying hands.

**Did you know**, an independent study by a leading university found that rubbing hands under a warm air hand dryer increases bacteria at the skin's surface by an average of 255%.



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

Dyson scientists asked independent public health specialists NSF International to define the criteria for a hygienic hand dryer. (Unsurprisingly, it's something other hand dryer manufacturers had never done before.)

The Dyson Airblade™ hand dryer meets every criteria NSF International set, making it the only truly hygienic hand dryer.

**Did you know,** NSF International is the world leader in standards development, product certification, education and risk management for public health and safety.

**dyson airblade**

The fastest, most hygienic hand dryer.

# How to order the Dyson Airblade™ hand dryer

**Distributed by:**

**Emikat Medical Management Software**

**P.O. Box 1706**

**Minnetonka, MN 55317**

**United States of America**

**(952) 451-4150**

**Email: [emi@emikat.com](mailto:emi@emikat.com)**

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

### 10 second dry time

Sheets of air travelling at over 640km/h 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 up to 80% less energy than warm air hand dryers

Unique Dyson digital motor spins 88,000 times a minute – delivering a much faster dry time using less energy.

### The only truly hygienic hand dryer

A HEPA filter removes over 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 guarantee

Comes with a 5 year/350,000 uses guarantee covering parts and 1 year on site labour guarantee.

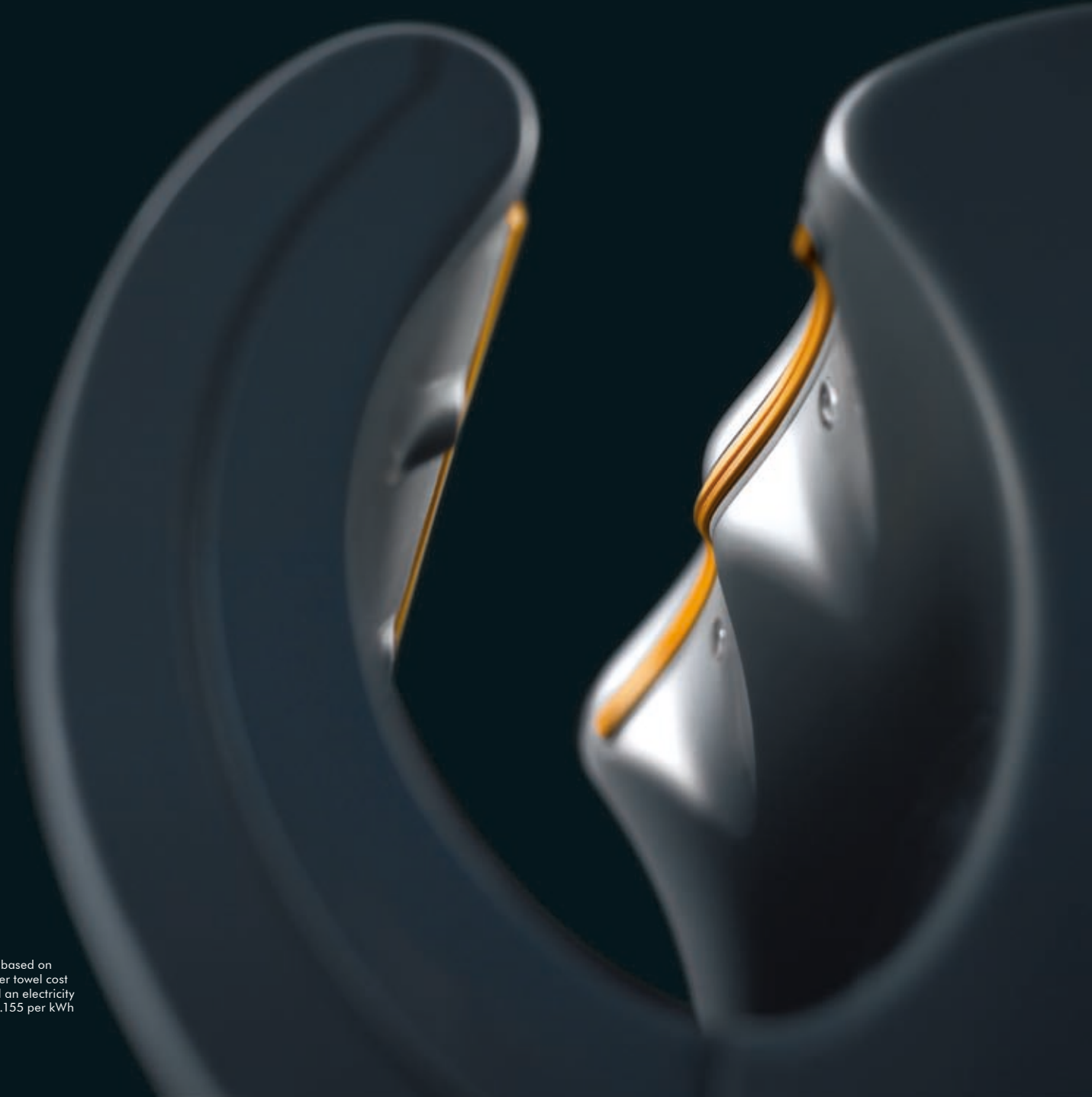


"The Royal Institute of Public Health considers that the Dyson Airblade™ hand dryer is a significant step forward in hand dryer technology and hygiene."



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

\* Calculations based on average paper towel cost of \$0.02 and an electricity charge of \$0.155 per kWh excl. GST.



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## **5 year guarantee**

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JN. 22424 20.08.08