

citron
HYGIENE

Elevating
the washroom
experience



Hand Drying Solutions with
Citron Hygiene

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About Citron Hygiene

With over 45 years of industry experience, Citron Hygiene is one of the world's leading providers of washroom hygiene services and products. Our mission is to elevate the washroom experience with an industry-leading range of solutions, supported by reliably on-time, hassle-free, expert service. Citron Hygiene will help you enhance and preserve your company's reputation through your washroom.



Choosing the Right Hand Dryer for You

Whilst hand dryers may only be one of many washroom fixtures you have to think about, they are one of the most important and there are many factors to consider when choosing the right commercial hand dryer for your business' washroom. There are various types of hand dryers available, all with unique qualities, and which type you choose will depend on a number of factors. Two distinguishing design features will determine which hand dryer is the best fit. Hand dryers are designed to be either hands-under or hands-in.

Hands-Under Dryers

Hands-under dryers are more traditional in style than hands-in variants however they are just as effective. Although there are still some hands-under dryers with a push button operation, hand dryers such as the Dyson Airblade V offer superior hygiene with their touchless operation.

These are extremely reliable and energy efficient and have been designed to use minimal power which not only saves you money but is kind on the environment too.

Eco-Friendly Hands-In Dryers

Due to developments in technology, newer models of hand dryers are far more environmentally friendly. Older types of hand dryers rely on heat to dry your hands whereas newer hand dryers generate cooler air but at higher velocities, while the hands move in between the air outlets for faster drying. The heating element in older models made them less energy efficient.

Factors to Consider

Washroom usage - if your washroom experiences high footfall, a high-speed hand dryer may be more suitable whilst a standard hand dryer may be sufficient if footfall is lower.

Noise - quieter hand dryers can offer a better user experience however noise levels are also important depending on where your washroom is located.

Style - most modern hand dryers are aesthetically pleasing however many come in different colours and finishes to suit your washroom environment. Whilst style and budget are important, power output is a big factor, as is the IP rating if the location requires it.

Budget - Hand dryers are cost-effective in the long-run but budget will still be an important consideration. Some models will be more expensive outright so you do need to weigh up the options vs your budget.

Environmentally friendly - Efficient, eco-friendly hand dryers can save your business money, as well as delivering a highly effective dry.

Best in Class Hands Under Dryer

Dyson Airblade V

Engineered for hygienic performance and designed for compact spaces.

- 12 second dry time
- At just 10cm deep it leaves more room in your washrooms. Fixes to a back plate to allow easy, installation, maintenance and replacement
- Reprogrammed digital motor technology and precision air apertures, the 1000W Dyson digital motor V4 makes this hand dryer 35% quieter than its predecessor
- Certified by the Carbon Trust

Key Technology

- ✓ HEPA-filtered air is channelled up the machine by the motor, forcing sheets of filtered air through precision apertures at high pressure. Water is scraped from the hands at 430mph.
- ✓ The reprogrammed Dyson digital motor V4 uses digital pulse technology to draw up to 20 litres of air per second through the machine, for fast hand drying.
- ✓ Dyson Airblade™ hand dryers HEPA filters captures 99.95% of bacteria-sized particles from the washroom air, before it's blown onto hands. So hands are dried with cleaner air, not dirty air.



Dimensions (mm): H: 394, W: 234, D: 100
Available Colours: Stainless Steel (SS) White (W)
Product Codes: 1.HDRY.DAUS (SS) 1.HDRY.DAUW (W)

Our Latest Innovative Hand Dryer

Dyson Airblade 9kj

Latest technology which is the fastest, most energy efficient HEPA-filtered dryer around.

- 10–12 second dry time
- Low energy and low running costs uses 9.1 kJ of energy per dry and costs just £19 a year to run in Eco mode
- Fleece-lined glass fibre HEPA filter captures 99.95% of particles, bacteria and viruses
- Switch between Max mode for busy areas of high footfall or Eco mode for energy efficiency and acoustic control
- Certified by the Carbon Trust

Key Technology

- ✓ New Curved Blade™ design: the two 0.45mm curved apertures create 388mph sheets of air that follow the contours of your hands, removing more water, in less time.
- ✓ The HEPA filter captures 99.95% of particles as small as 0.1 micron, including bacteria and viruses, from the air.
- ✓ Acoustically engineered to minimise washroom noise.
- ✓ The stainless steel body is built to last and rigorously tested to withstand real-life washroom conditions.



Dimensions (mm): H: 500, W: 450, D: 100
Available Colours: Stainless Steel
Product Codes: 1.HDRY.DA9K

Next Generation Hand Dryer

The Citron Pebble

Outstanding design coupled with next generation engineering.

- 10–12 second dry time
- Offers true multi-product Plug & Play functionality with a low environmental impact producing 90% less CO₂ than others
- The LED flashes to let you know when it's time to change the HEPA Filter

Key Technology

- ✓ Boasts ION PURE anti-microbial metal ions – preventing the build up of offensive odour, and bacteria, mould and viruses growing inside the hand dryer. 'Clean Air' filtration offers the user an added layer of hygiene.
- ✓ The HEPA filter removes at least 99.97% of dust, pollen, mould, bacteria, and any airborne particles with a size of 0.3 microns. Particles that are larger or smaller than 0.3 microns are trapped with even higher efficiency. The coronavirus that causes COVID-19 is roughly 0.125 microns in diameter. It falls squarely within the particle-size range that our HEPA filters capture with extraordinary efficiency.



Dimensions (mm): H: 323, W: 271, D: 145
Available Colours: Black (B) Satin (ST) White (W)
Product Codes: 1.HDRY.PBB.A (B) 1.HDRY.PBS.A (ST) 1.HDRY.PBW.A (W)

Smaller Hand Dryer for When Space is a Premium

The Citron Pebble Mini

Unique and innovative design coupled with next generation engineering.

- 12 second dry time
- The Pebble Mini fits on the Terra 4 back plate, making it the ultimate Plug & Play model, at a great value range dryer price
- The sleek and modern look is matched by its good performance
- A high quality, low-cost hand dryer. Cost of annual energy usage: £6.00 against a paper towel cost of £375.00. A saving of £369 = 98%

Key Technology

- ✓ Boasts ION PURE anti-microbial metal ions – preventing the build up of offensive odour, and bacteria, mould and viruses growing inside the hand dryer. 'Clean Air' filtration offers the user an added layer of hygiene.



Dimensions (mm): H: 264, W: 230, D: 134

Available Colours: Black (B) Satin (ST) White (W)

Product Codes: 1.HDRY.PBMB.R (B) 1.HDRY.PBMS.R (ST) 1.HDRY.PBMW.R (W)

What Is a HEPA Filter?

HEPA = High-Efficiency Particulate Air

HEPA filters work by forcing air through a fine mesh which traps harmful particles. They are used in a huge range of applications from filtering the recirculated air in planes to protecting doctors working with contagious patients. HEPA filters are a great help to anyone suffering with allergies or asthma as they filter pollen, smoke, dust mites etc. and are regularly found in appliances around the home. We use HEPA filters in our hand dryers because they filter bacteria and viruses from the air which is then used to dry your hands, ensuring your hands stay clean and hygienic.



The Citron Pebble Plug & Play HEPA Filter

IP Ratings

IP = Ingress Protection



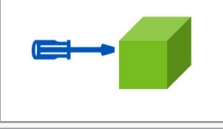



Before you buy a hand dryer you should check the IP rating. Hand dryers are given a classification that represent the level of protection they have against dust, tools, fingers and moisture.

It's important to understand the IP rating as it has a bearing of how far away from water supplies it can be fitted.





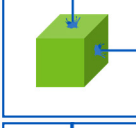
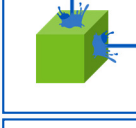


The IP rating has two numbers on it; the first number represents both the level of protection it gives against solid objects entering the dryer and how much protection there is against the user coming into contact with parts that could be hazardous.

The second number represents protection level against moisture and water entering the hand dryer and the higher this number is the better.

IP Ratings

SOLIDS		
	Protected against a solid object greater than 50mm, such as a hand	1
	Protected against a solid object greater than 12.5mm, such as a finger	2
	Protected against a solid object greater than 2.5mm, such as a screwdriver	3
	Protected against a solid object greater than 1mm, such as a wire	4
	Dust protected. Limited ingress of dust permitted	5
	Dust tight. Zero ingress of dust permitted	6

IP = XX
SOLID WATER

WATER		
	Protected against vertically falling drops of water. Limited ingress permitted	1
	Protected against vertically falling drops with enclosure tilted 15°. Limited ingress permitted	2
	Protected against sprays to 60° from vertical. Limited ingress permitted	3
	Protected splashes from all directions. Limited ingress permitted	4
	Protected against jets of water. Limited ingress permitted	5
	Protected against strong jets of water. Limited ingress permitted	6
	Protected against the effects of immersion between 15cm and 1cm for up to 1hr	7
	Protected against long periods of immersion under pressure	8

Cost-Effective & Environmentally Friendly

Hand dryers are a valuable addition to your business for the long-term savings they provide. In replacing paper towels and saving time and money associated with managing waste, hand dryers are an excellent way to save your business hassle and cost.

In addition, they provide an environmentally friendly, low-waste option for your business, and produce 85% fewer CO₂ emissions than paper towel production.

Due to developments in technology, newer models of hand dryers are far more environmentally friendly. Rather than relying on heat to dry hands, the updated technology uses high velocity, cool air, removing the need for a heating element and improving their efficiency.



Which is Your Ideal Solution

Compare our range of hand dryers below to see which one is most suited to your individual needs.

Dryer	 Dyson Airblade V	 Dyson 9kJ	 Citron Pebble	 Citron Pebble Mini
Dimensions (mm)	H: 394 W: 234 D: 100	H: 500 W: 450 D: 100	H: 323 W: 271 D: 145	H: 264 W: 230 D: 134
Dry Time (s)	12	10–12	12	12
Weight (kg)	2.8	4.5	2.6	2
Rating Power (W)	1000	650-900	300-700	400-800
IP Rating	IP24	IP24	IPX3	IPX3
Noise Level at 1M (dB)	79	77-79	72	78
HEPA Filter	•	•	•	
Plug & Play			•	•
Eco Mode		•	•	•
Heat on/off	•	•		

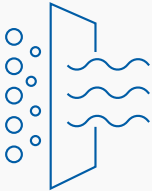
Discover our wide range of solutions



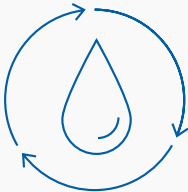
Sanitary
Hygiene Units



Free-Vend
Sanitary Products



Air Care &
Purification



Intelligent Water
Management



Infant Care &
Nappy Disposal



Hand
Hygiene



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