



# ffuuss one

Hand dryer



# ffuuss one Hand dryer

The ffuuss one hand dryer combines creativity and technology for an optimal user experience.



# ffuuss one

Hand dryer

## Washroom solutions

The best solution  
in the washroom space!



- 13/15''** Approx hand drying time
- 25''** Blocking time
-  IoT CONNECTED
-  UL CERTIFICATE
-  ECO PLASTICS
-  RoHS COMPLIANT

# ffuuss one essential

ffuuss one  
Hand dryer

## Features

- Activation with capacitive sensor
- Consumption 1100 W
- 108 air vents
- 3 ABS color selection
- Antibacterial additives
- Blocking time 25"
- Channelling and Water Collection
- H13 HEPA filter (Optional)



BLACK



LIGHT GREY



WHITE

# ffuuss one style

ffuuss one  
Hand dryer

## Features

- Activation with capacitive sensor
- Consumption 1100 W
- 108 air vents
- Antibacterial additives
- Blocking time 25"
- Channelling and Water Collection
- Preheat air heating system
- Chromotherapy
- Telemetry System
- 3 Painted color selection
- H13 HEPA filter (Optional)



BLACK MATTE



PEARL GREY

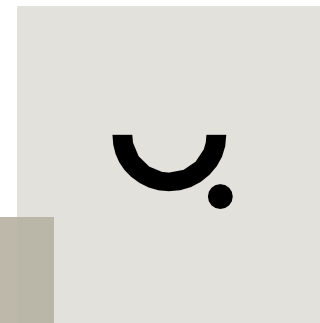
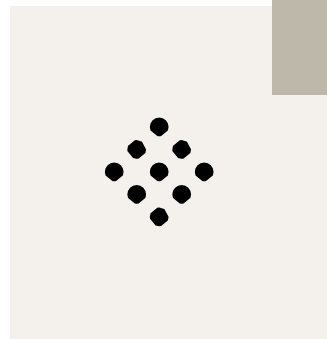


WHITE MATTE

## Custom design

### Logo & Brand

Add your brand or any design and customize the product your way.

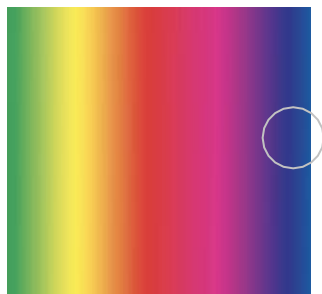


Color and finish products are fully customizable.

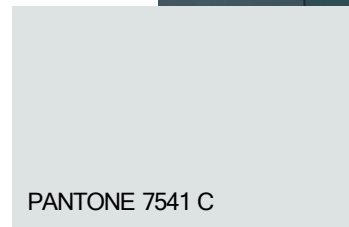
## Custom design

### Do it yourself!

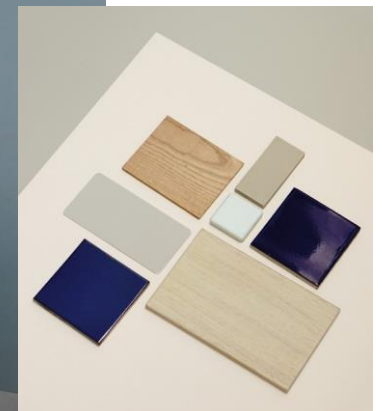
Choose the finish and RAL color or Pantone that you like the most for your bathroom and customize your product.



PANTONE 7687 C

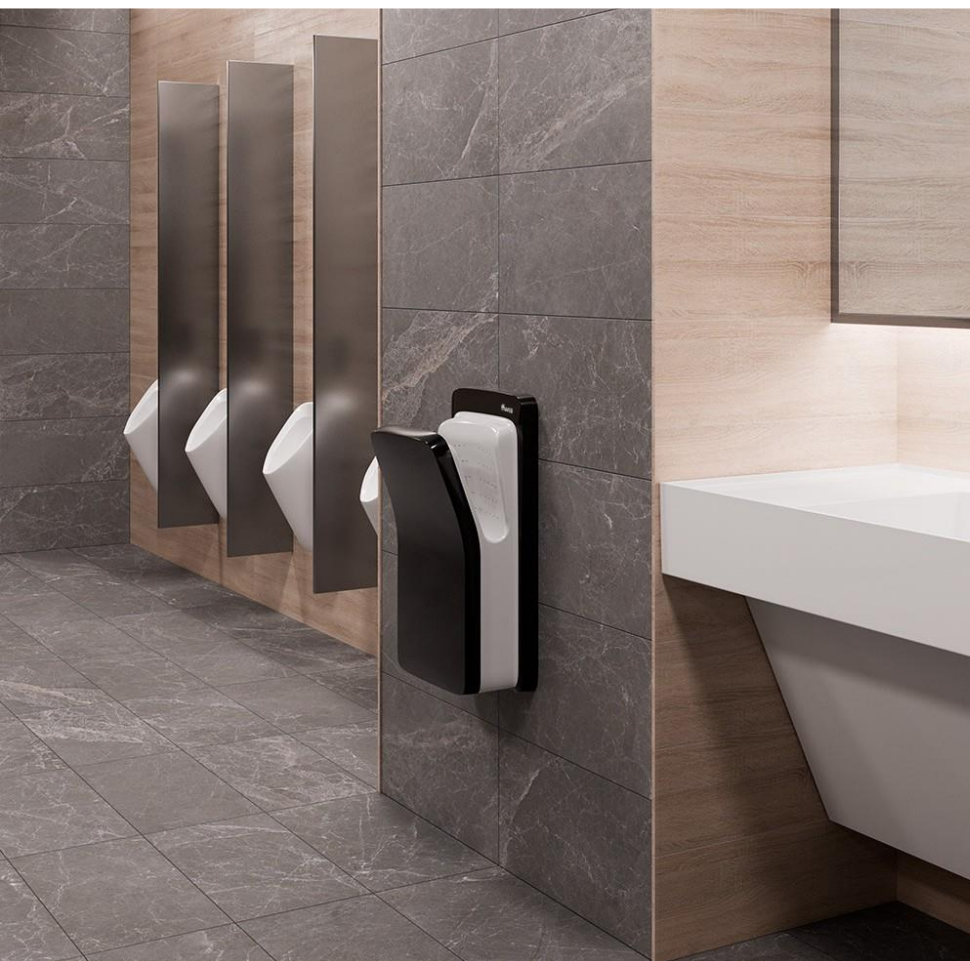


PANTONE 7541 C

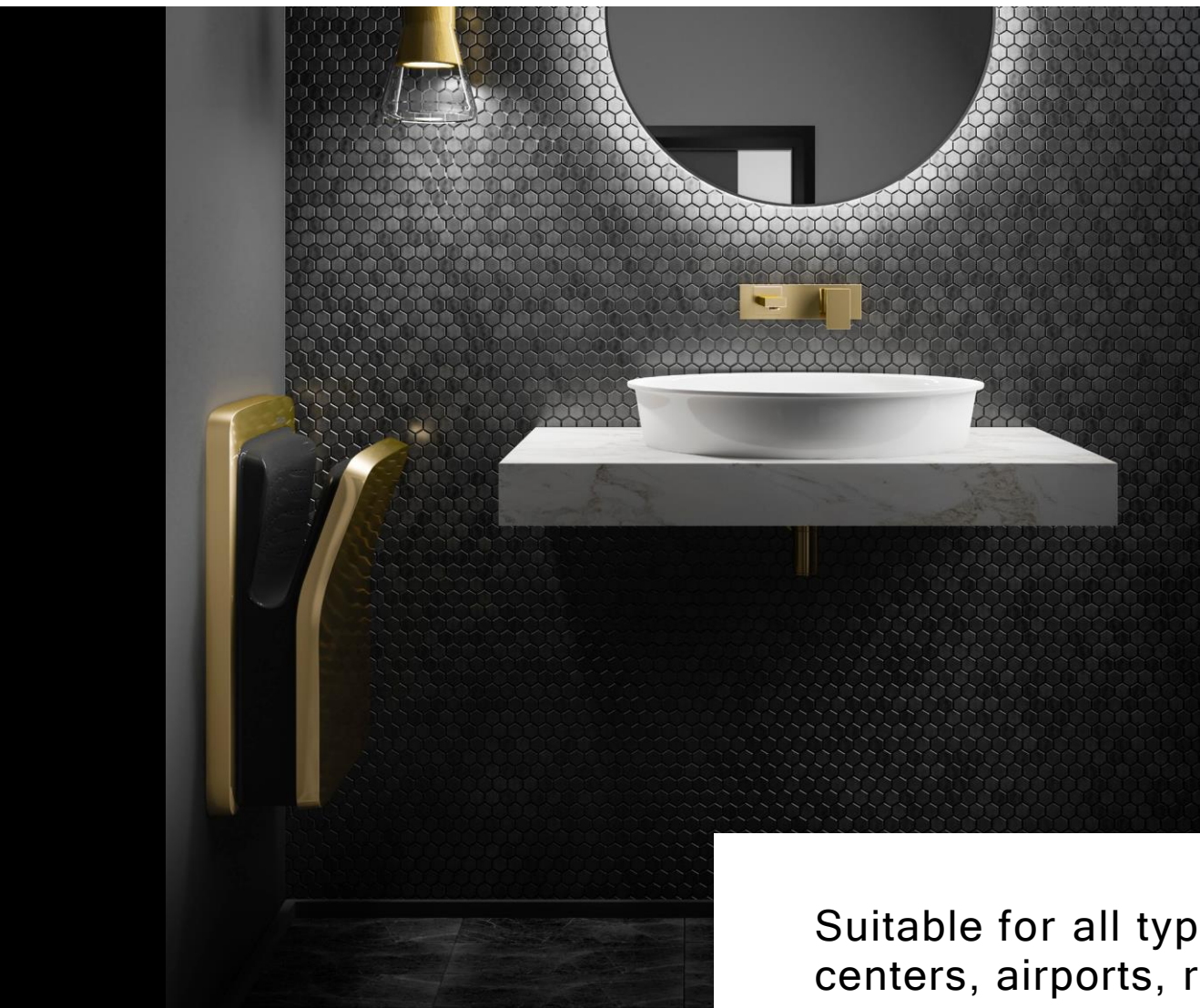


# Ambience

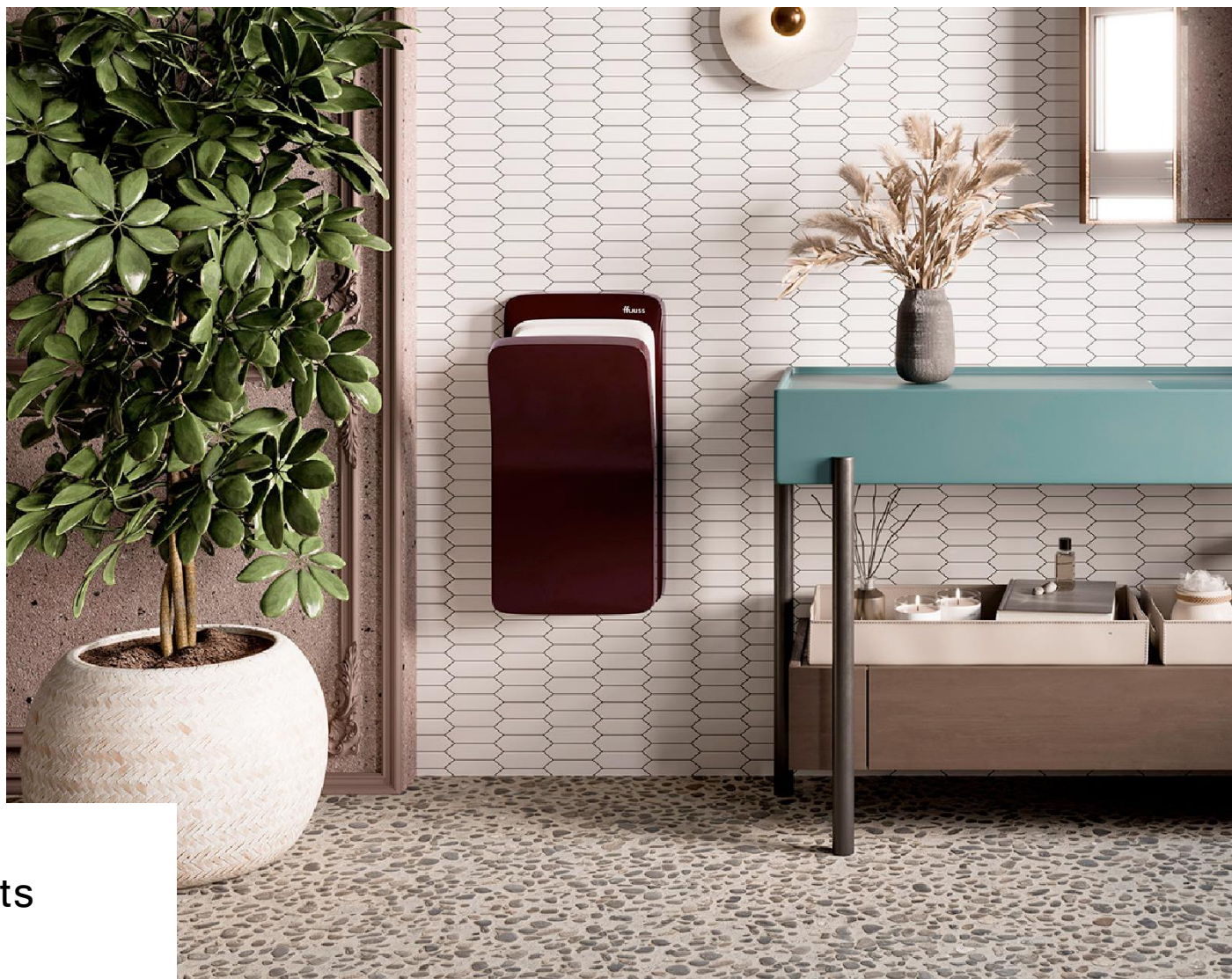
Elegant and customized design  
for the most discerning individuals.







Suitable for all types of spaces such as shopping centers, airports, restaurants, hotels...



...hospitals, gyms, schools, sports  
stadiums and homes...

# Technology

**The combination of creativity and technology that provides an optimal user experience with 100% hygiene and safety.**

All ffuuss™ products are designed to offer an optimal experience and service to users. We meet the highest standards in technology to make washrooms safer and more comfortable, while taking care of hygiene and health.



# Technology

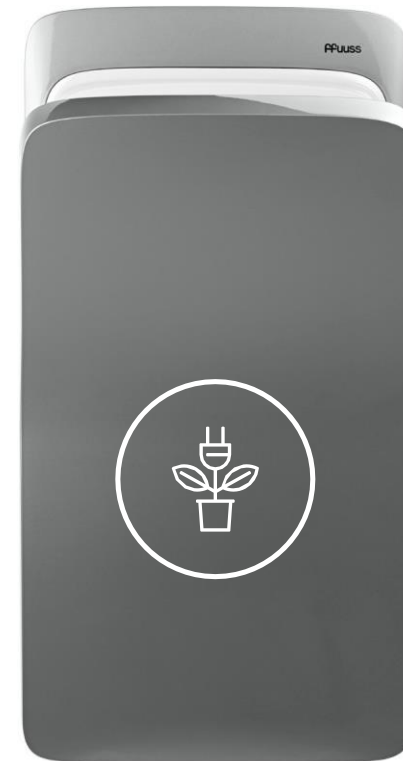
## Energy savings

The ffuuss™ collection of hand dryers represents significant energy savings.

Thanks to the use of state-of-the-art technology and an optimized motor design, the ffuuss one and ffuuss eos models represent significant savings in energy consumption compared to competitive dryer models \*.

\* Data obtained based on average values of hand dryers of various brands.

Source: own study carried out in ffuuss at an average room temperature of 21°C

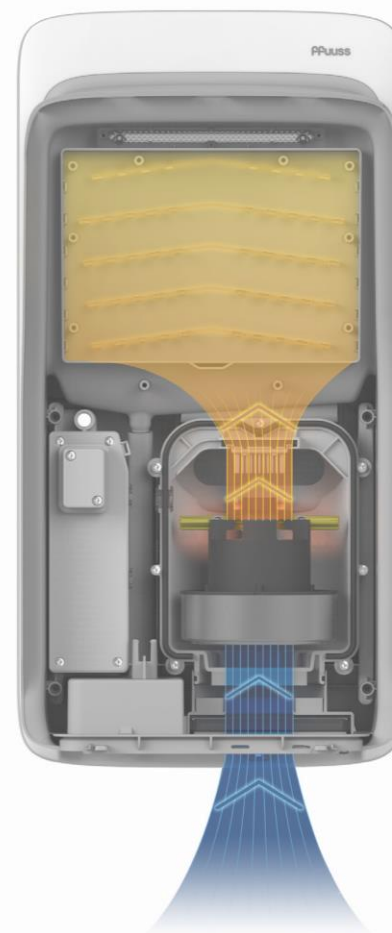


# Technology

## Preheat\*

Preheat is an air heating system, patented by ffuuss™, that works without the need for conventional resistors that have high consumption and carry certain risks. The system is activated and controlled by environmental sensors to avoid a constant and unnecessary consumption, making the ffuuss™ hand dryer safer and more efficient.

\*Patented by ffuuss™

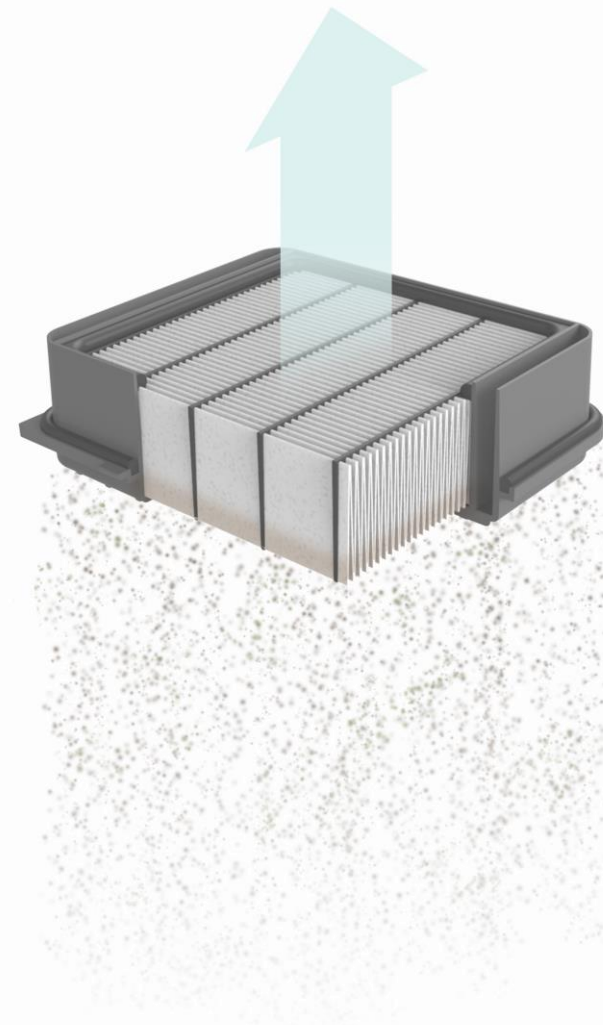


# Technology

The best hygiene and safety standards

## H13 HEPA Filter\*

The ffuuss™ hand dryer contains a high quality H13 HEPA filter, with a 99.97% efficiency, in order to guarantee hand drying with clean air. It is especially relevant in food handling and hospital environments where high standards of disinfection are required.



# Technology

## Capacitive Sensors\*

At ffuuss™ we have built capacitive sensors into our ffuuss one hand dryers so that everyone can enjoy an optimal drying experience.

These sensors, located around the perimeter of the drying cavity, allow children and wheelchair users to use the ffuuss hand dryers comfortably, as the drying action is also triggered when hands are inserted from the sides.

A one-of-a-kind product benefit and an example of technology made to serve people.

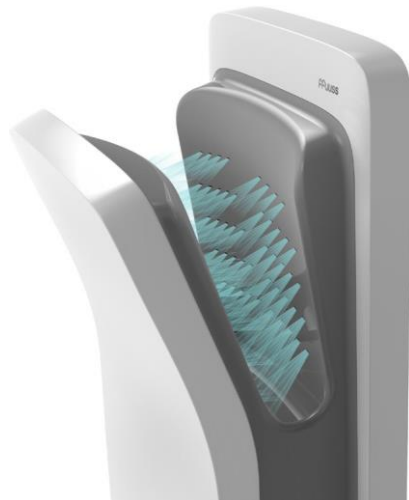
\*Patented by ffuuss™



# Technology

## Air Hugs\*

The design and distribution of the air outlets is unique to ffuuss™ and they offer authentic air hugs. The outlets have been designed to ensure the air covers as much of the area of the hands as possible and the combination of their different sizes minimizes air noise. Their oval shape and slight inclination projects the air in the optimal direction for drying hands.



## Curtain effect\*

Cleaner washrooms with our Curtain effect

Outlets have been incorporated into the sides to produce a curtain effect, this prevents water from spraying out of the drying area.

\*Patented by ffuuss™

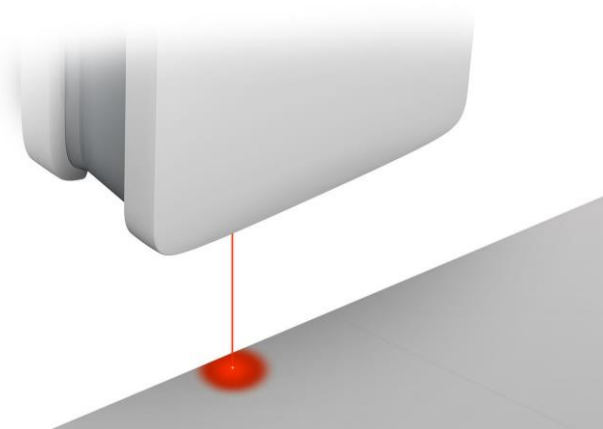




# Technology

## Laser or LED Diagnosis

Patented by ffuuss™, it is a unique, silent alarm system integrated into its design for a quick and easy equipment maintenance control. When the ffuuss™ hand dryer reflects a fixed red dot onto the floor, this means that the water tank must be emptied. A blinking red dot reflected onto the floor means there is a technical problem with the equipment.



## Drain Outlet

The wastewater is stored in a tank or expelled through a drain outlet. This is much safer than hand dryers that turn wastewater into mist for direct release into the room, potentially spreading bacteria around and back onto the user.

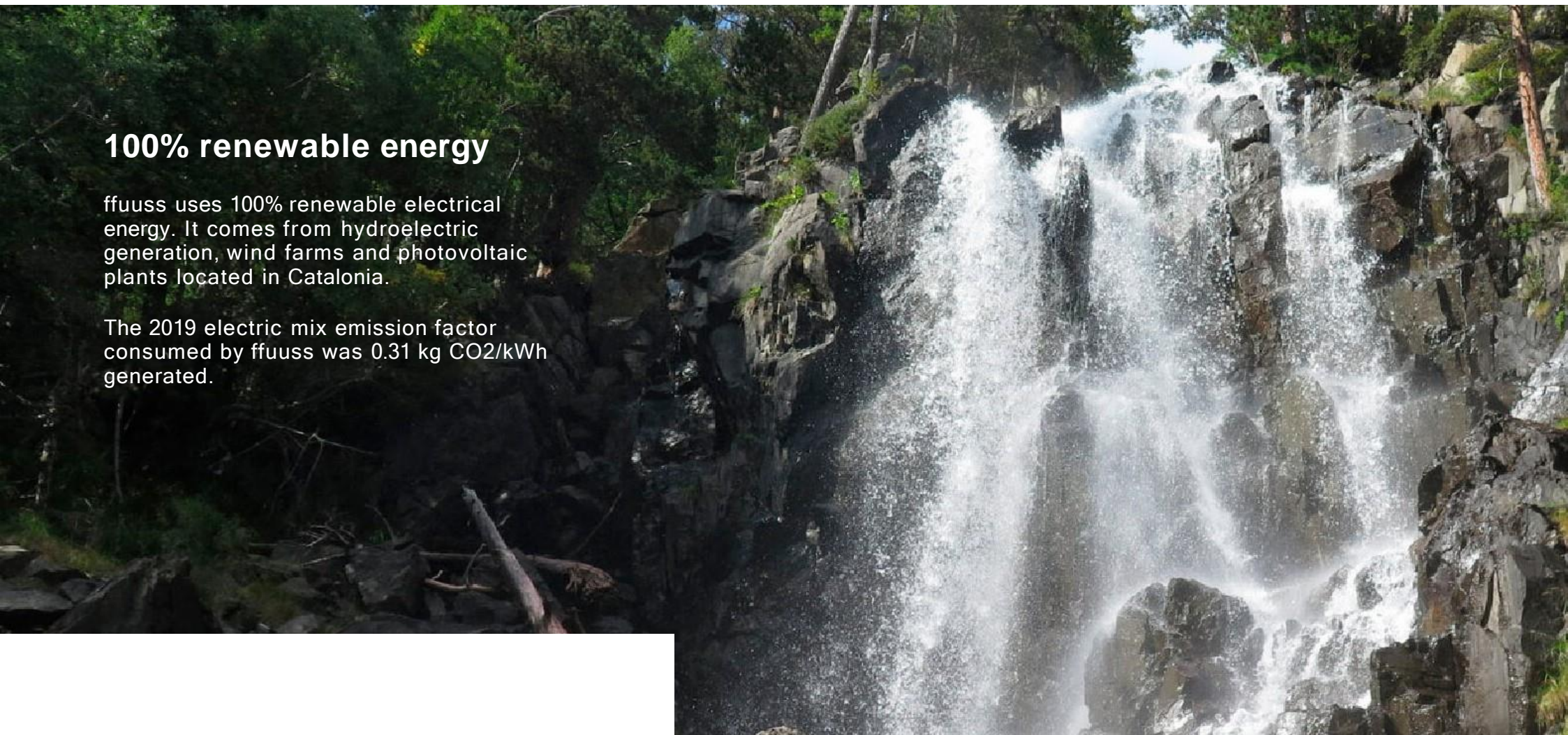


# Sustainability

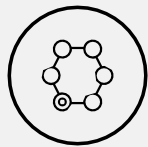
## 100% renewable energy

ffuuss uses 100% renewable electrical energy. It comes from hydroelectric generation, wind farms and photovoltaic plants located in Catalonia.

The 2019 electric mix emission factor consumed by ffuuss was 0.31 kg CO<sub>2</sub>/kWh generated.



# Sustainability



## Short series production

We take responsibility over the volume of our production. We produce in short series to avoid unnecessary energy consumption, over production and stocks.



## Consume less energy

ffuuss™ hand dryers save 85% energy thanks to their unique patented engine.



## RoHS Compliant

We are RoHS Compliant, which stands for the Restriction of Hazardous Substances in the electronics industry. This means we do not use cadmium, lead or mercury, among other dangerous elements.



## UL Certified

The ffuuss one hand dryers have obtained the UL certificate, that is, they comply with the regulations of the electrical appliances of the USA and Canada.

# Features

## Performance

- Automatic activation
- Approx hand drying time: 13-15 sec
- Blocking time: 25 sec
- Airflow: Up to 73 l/s (6,6 gal/s)
- Preheat air heating system  
(Available only in style version)
- Channelling and Water Collection

## Easy Maintenance with Laser Diagnosis

Hand dryer always ready  
for your customers

## Remote control by Telemetry System

Detection and diagnosis of breakdowns  
(Available only in style version)

## Energy savings

The lowest power consumption on the market, optimized at 1.1100 W thanks to its advanced technology in the engine. Save 85% of energy consumption compared to competitive models.

## Hygiene and technology

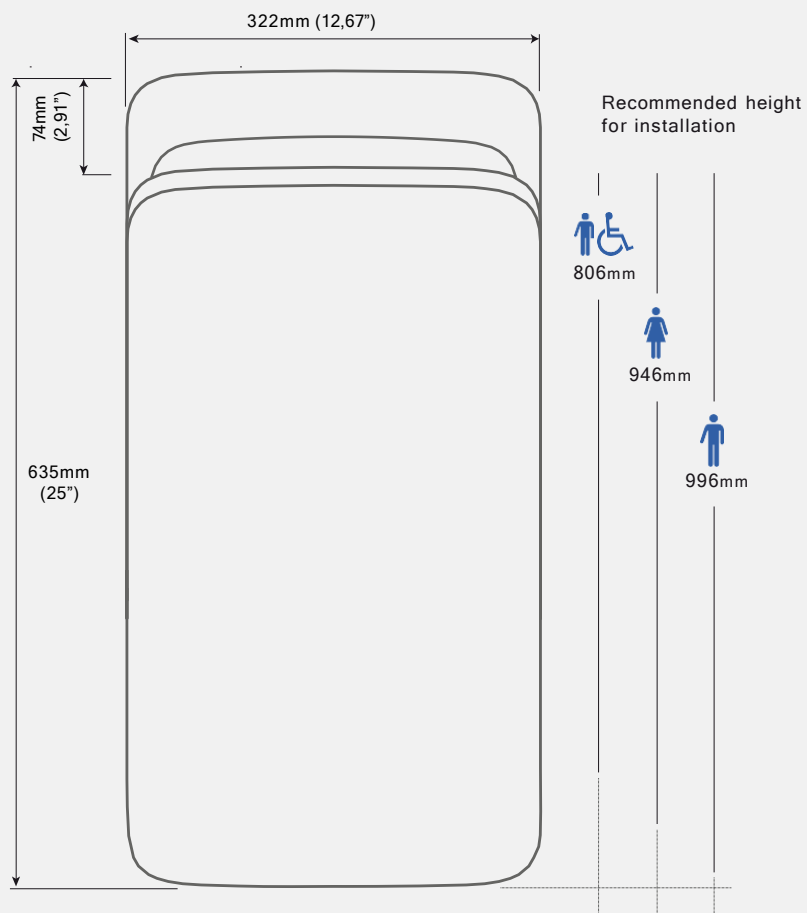
- HEPA H13 Filter (Optional)
- Treatment with antibacterial additives
- Preheat air heating system\*
- Chromotherapy
- 108 air vents \*
- Cleaner washrooms with our Curtain effect \*
- Drying efficiency with Air speed
- Activation by capacitive sensors \*

## Save money on supplies

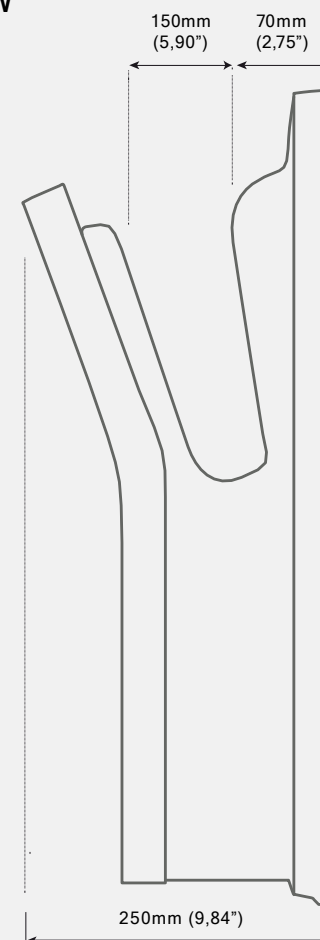
- Hand dryers do not require daily paper refills!
- Hepa H13 filter should be replaced yearly

# Specifications

FRONT  
VIEW



LATERAL  
VIEW



# Specifications

## Electric system

Input voltage:	220-240V	120 V
Frequency:	50/60 Hz	60 Hz
Nominal power:	1100 W	1100 W
Electric current:	5A	9A
Type of motor:	Universal with Preheat*	Universal with Preheat*
Motor speed:	23000 RPM	21500 RPM
Working temperature:	40 °C/104 °F	40 °C/104 °F

\* Air Preheat feature patented by ffuuss™ (according to model)

## Manufacturing

Cover material: ABS

Treated with Biomaster Silver Ions antibacterial additive

Finish: Various colours

Mounting mooring: Galvanized steel

Water inlet protection: IPX2

Filter: HEPA H13 (according to model)

## Standard warranty

5 years for parts and 1 year for labour  
(see conditions)

NOTA: ffuuss™ se reserva el derecho a realizar modificaciones sin previo aviso.

## Operation

Activation with capacitive sensor

Approx hand drying time: 13-15 seconds

Blocking time: 25 seconds

Airflow: Up to 73 l/s (19,3 gal/s)

## Logistics

Net weight: 7.7 Kg (16,2 lb)

Assembled weight: 9.2 Kg (20,5 lb)

Box dimensions (mm): 690mm / 360mm / 285mm  
(H27,16" W14,17" D11,22")

## Regulations

This device complies with the following standards:

2014/53/EU

2014/30/EU

2014/35/EU

2012/19/EU

2011/65/EU

1275/2008.2009/125/EU

UL 499

CSA-C22.2 No. 36-08

IEC 60825-1 Ed.3 (2014)



Hand dryer HDU-3  
E466521

PRODUCT LASER CLASSE 1

# Efficient Washroom System

ffuuss Efficient Washroom System is the smart solution from OTS Group that offers innovation, design and technology to transform the bathroom experience, making it unique and different.



● Installation Alarm

● Installation Name



● Dryer Cycles



● Installation Location



# Efficient Washroom System

## IOT

The ffuuss IOT platform is an integrated ecosystem that connects hand dryers and dispensers to an intelligent platform that provides information and data in real time.



## Machine Learning

The machine learning capabilities of the system allow, among other options, that our clients access the data, personalize the alarms according to their needs in addition to:

- Organize cleaning shifts based on actual needs
- Anticipate replenishment of supplies
- Monitor equipment status in real time



# ffuuss

## ffuuss HEADQUARTERS

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MADRID DUBAI MIAMI



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Brochure

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[@instagram/ffuuss\\_](https://www.instagram.com/ffuuss_)

