

Biodrier

Ultra high-speed hand dryers

Faster, smarter and more efficient

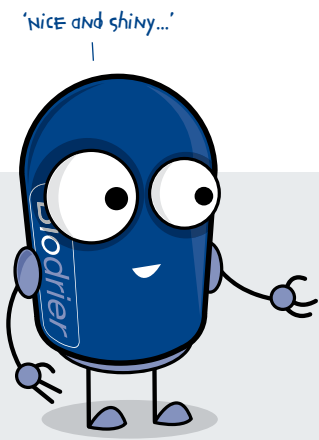


Introducing the Biodrier Executive

For faster, healthier hand drying

The Biodrier Executive is a breakthrough in hand drying. It uses a high power motor to create hot air that will dry your hands in ten seconds flat. It's elegant, ultra-modern, and a joy to use. It's also better for the environment, thanks to its low power consumption. And it's much more hygienic than alternatives. A triple antibacterial grade 13 HEPA filter prevents the spread of bacteria and viruses, keeping the unit clean and hygienic at all times.

The ultra high-speed hand dryer



HIGH SPEED
ENERGY
EFFICIENT

Elegant, hygienic and cost-effective

The Biodrier Executive is the hygienic, fast, efficient and stylish way to dry hands in any washroom.

The Biodrier Executive is based on a simple yet powerful idea - Using the heat from its own motor to provide the hot air required to dry the user's hands. This means it uses much less power than conventional hot air hand dryers.

Keeps walls and floors dry

To use the Biodrier Executive, simply pop your hands in, and the three infrared sensors commence the hot air. The Biodrier Executive supplies gentle, but powerful gusts of high-speed air to both sides of your hands. After around ten seconds remove your hands and they're completely dry.

A high-speed vacuum motor saves energy as it consumes only 1200 watts of power. The shorter drying time combined with lower power consumption saves money and reduces your carbon footprint!

The Biodrier Executive is also unbelievably quiet and it produces an air fresh aroma that is both refreshing and relaxing. The design is also ergonomically stylish and elegant.

Save time, save money, save energy

Biodrier Executive

How it works

3 infrared sensors detect your hands and minimise energy loss by eliminating detection errors. The Biodrier Executive uses touch-free activation technology, ensuring maximum hygiene and minimum contamination.

A grade 13 HEPA air filtration system enables 100% clean air and the natural freshener provides an incredibly refreshing experience for the user.



Biodrier Executive Technical Specifications	
Item category	Performance
Operating voltage	220-240 Vac, 50-60Hz
Air speed	150 m/s
Motor type	35000 rpm, 2 speed
Rating power	1200 watts
Drying time	Under 10 seconds
Circuit operation	Infrared automatic, self adjusting
Timing protection	20 seconds auto shut off
Drip proof	IP33
Isolation	Class 11
Water tank	LED indicator when tank is full
Filter Sensor	LED indicator when filter is full
Air freshener	Organic ocean breeze fragrance
Net weight	9kg
Unit size	330 x 660 x 230mm
Finish	Fireproof ABS, 94V0, PMMA, UV Coated
Decibel rating	80 dba @ 1 mtr
Approvals	GS, CE, WEEE



Biodrier Executive technology

Warms the air by cooling the motor

Unlike most other hand dryers, the Biodrier Executive generates warm air without a heater. It does this using a compulsive air-cooling system. Heat is taken from its 35000 RPM motor and reaches a speed of 150m/s - So you save energy and money.

3 infrared sensors

A conventional hand dryer usually has only one sensor. This will often fail to detect when a hand is placed ready for drying, however the Biodrier Executive has three infrared sensors. These sensors detect your hands from three different directions simultaneously, reducing the chance of errors. This means it only operates when required, reducing the cost of operation and saving you money.

Advanced burn proof plastics

The exterior is made from burn proof ABS engineered plastic which is both hard-wearing and rust proof. It protects you and your property from bacteria and viruses with Ionpure® antimicrobial coating.

Easy to control

Speed adjustment with two speed settings gives you greater control over the unit allowing you to save even more energy.

Quiet

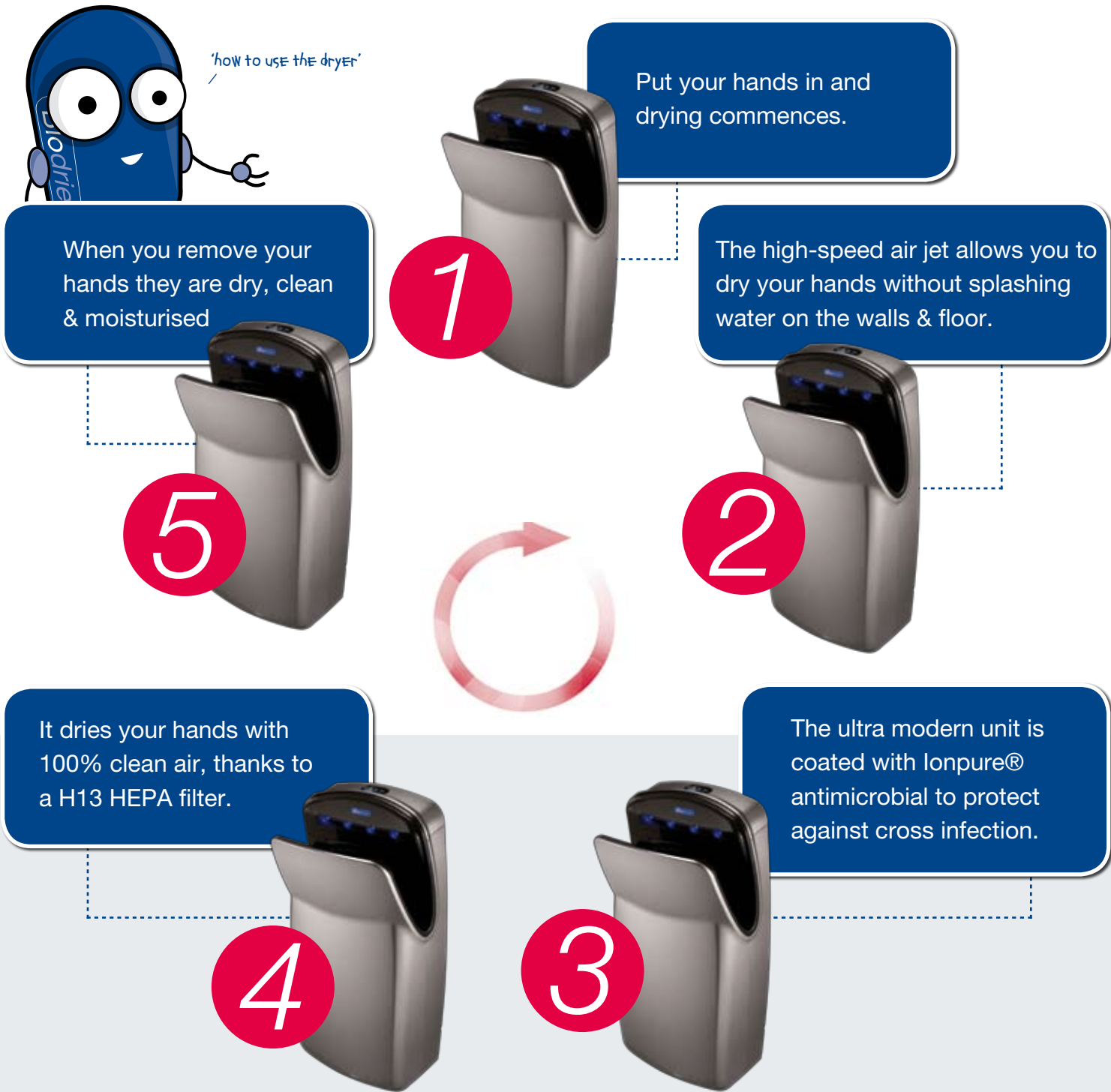
A Noise Absorption Module (NAM) minimises noise by absorbing air friction and mechanical sounds. The reduced noise level makes the unit more enjoyable to use and less of a distraction, helping to reduce stress in the workplace.

Biodrier technology can be summarised as time saving, cost saving, hygienic and beautifully designed. Our clever little idea will not only make your life more convenient, cleaner and safer, but protect the environment too.

Advanced safety features

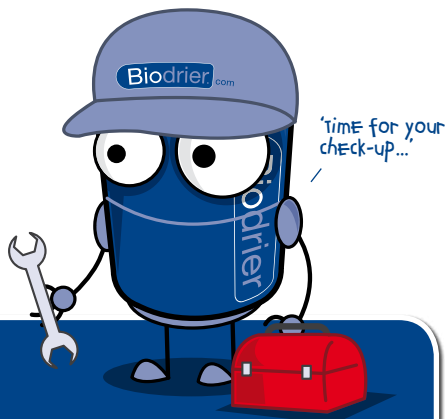
The Biodrier Executive is packed with safety features, so you can offer the unit to your clients in the knowledge that you will be providing a solution that is reliable, safe and effective:

- A timer automatically shuts the dryer off after a set period.
- A temperature sensor stops the motor at temperatures over 70°C.
- The ESC (Electric Shock Free Circuit) senses humidity inside the unit and shuts off the power when required.
- The unit has a self-diagnosis function which monitors and reduces errors.
- The unit automatically switches off after 22,000 cycles if the filter is not replaced.



Servicing and maintenance

Fitting, servicing and maintenance of the Biodrier Executive is extremely easy, saving you time and money and keeping your clients happy too. It can be cleaned with a soft towel and warm water, with a little detergent if required. The Biodrier Executive comes with an air filter and aroma pack, both of which are simple to replace. A clever devise in the executive will tell you when they are ready to be renewed.



Choice of colours

The Biodrier Executive comes in a choice of four stylish and elegant colours that will match any washroom environment, improving the appearance of the premises and adding a touch of modern style.



Silver Biodrier Executive
Metallic silver styling is modern and clean, ideal for environments that need to impress.
BE1000S



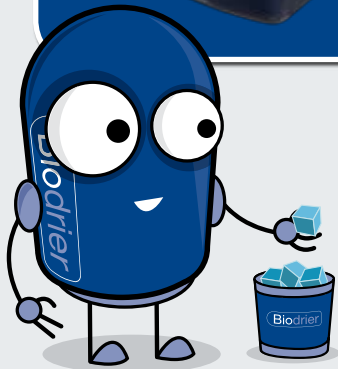
White Biodrier Executive
Designed to blend in against the white décor of washrooms, the classic white colour is both elegant and discreet.
BE1000W



Blue Biodrier Executive
Bring a refreshing cool look to your washroom with the Biodrier Executive in blue.
BE1000B



Gold Biodrier Executive
Stand out from the crowd. The metallic gold Biodrier Executive adds a splash of life and energy to your toilet area.
BE1000G



Biodrier gel blocks for the Executive model

The exclusive gels for the Biodrier are sold in packs of 12 and each gel will last for around a month at a time. The gels are made from natural sources and are chemical-free. The Biodrier gel blocks perform three functions in one:

1. Adding the blocks to the unit will moisturise the user's hands during use.
2. The blocks provide a sanitizer for the user and the Biodrier unit.
3. The blocks come in various fragrances and provide a fragrant aroma within the washroom.

Benefits to the environment...

Faster, healthier hand drying with Biodrier

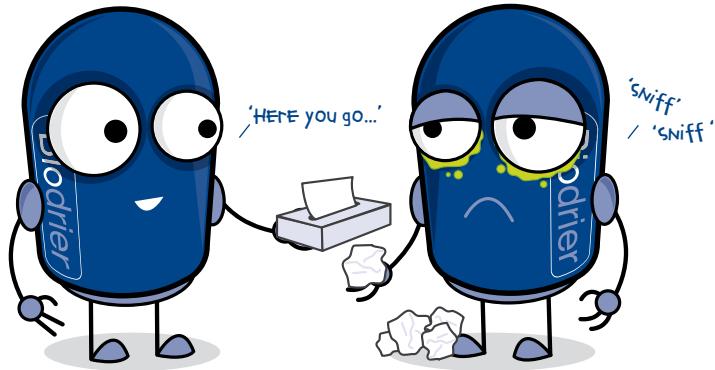
The Biodrier is considerably better for the environment compared to traditional hand dryers. It keeps energy consumption to a minimum by using heat from its own motor to provide the hot air for hand drying. There are no waste products, such as paper towels to dispose of, and its three LED sensors ensure it only activates when actually needed.

Hygienic

The hygienic filter consists of a prefilter, an antibacterial filter and HEPA filter. These protect against bacteria and helps combat viruses such as the corona and influenza viruses. On the outside, an antibacterial coating kills germs effectively.

Reduce your carbon footprint

By reducing the time it takes to dry our hands with the Biodrier, we use less energy compared to conventional dryers. By reducing the amount of energy we use in a day we can reduce our own carbon footprint.

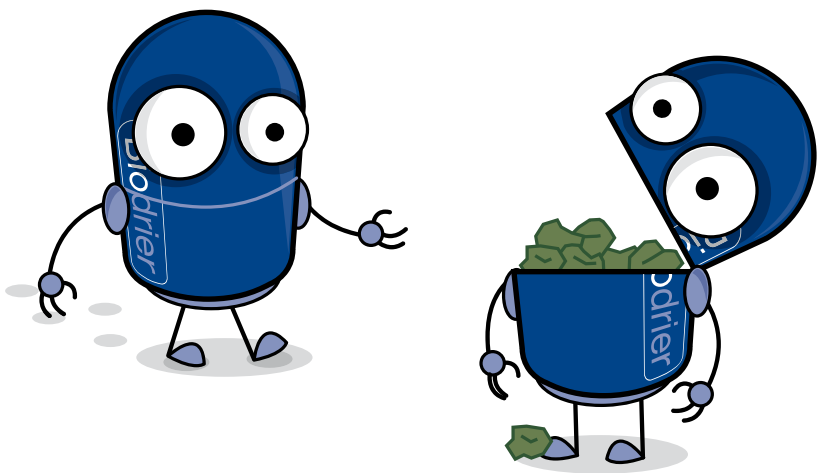


Throw out those paper towels

Paper towels are wasteful, not all that effective for hand drying and old-fashioned. They create waste that litters the washroom, and their production creates poisonous materials such as dioxins. It's time to move beyond the paper towel.

Reduce landfill

By avoiding the use of paper towels, you will reduce your contribution to generating landfills of rubbish.



Saves homes

By using Biodrier technology, we eliminate the need for paper towels. This in turn reduces the required trees that are cut down to make the towels, trees that contain homes to many types of wildlife.

Safer for users

The Biodrier uses 100% clean air thanks to its filter technology, providing users with a safe and hygienic environment.



Cost savings

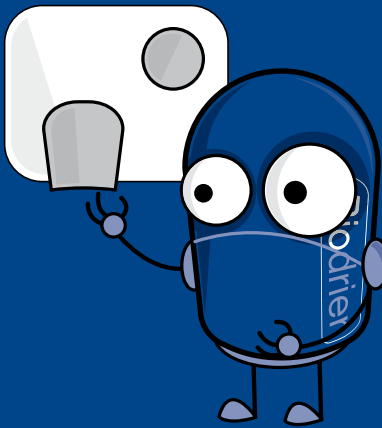
Save time, save money, save energy

The Biodrier saves energy as it consumes only 850 watts of power via a high speed motor.* Shorter drying time combined with less power consumption is the key to saving money long-term.

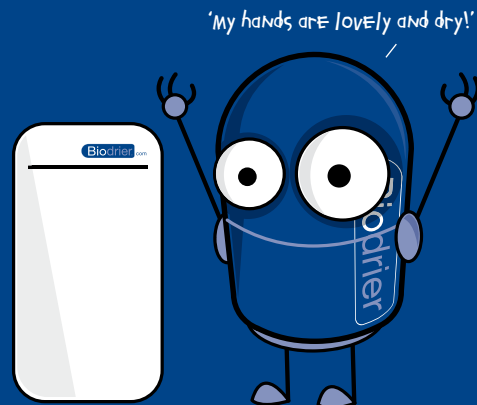
As the cost for each use of the Biodrier is 0.0003p, the user can save 98.5% of the cost of paper towels. It also saves the cost of maintenance as there is no need to refill papers and clean used papers.

Biodrier vs conventional dryer

25 seconds to dry...
2400 watts of energy



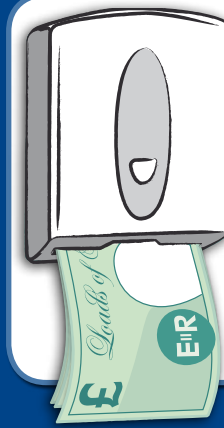
10 seconds to dry... *
850 watts of energy!



Using a conventional dryer
Cost per year: £145.27
Conventional hand dryers can take up to 25 seconds to dry your hands. The majority of people won't wait 25 seconds to dry their hands, increasing the chance of bacteria spreading.

Using the Biodrier
Cost per year: £20.57
With the Biodrier it can take up to 10 seconds, saving you time, energy and most importantly money!


SAVING £124.70



Biodrier vs Paper Towels

How much can you save?**

Paper Towels	Biodrier Business
Each dry costs £0.02	Each dry costs £0.0003
150 Dries a day £3.00	150 Dries a day £0.045
Cost per year £1095.00	Cost per year £16.43
	SAVING £1078.57



The Biodrier is a hygienic, fast efficient and stylish way to dry your hands.

* This information relates to the Biodrier Business model. Power consumption of other models may vary. Please refer to each individual specification.

** Usage based on 2 towels per dry, 150 dries per day. Cost based on 1 pence per paper towel and £0.12 per KWH.

8 www.biodrier.com

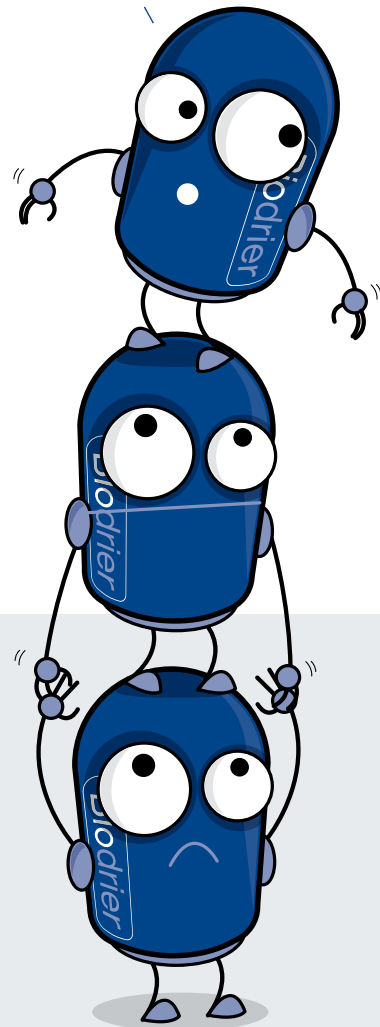
www.biodrier.com 9

Biodrier Business

The ultra high-speed
hand dryer...

faster, smarter and
more efficient

Oooh this Biodrier
means business...



Brush-less motor

The Biodrier Business is based on a simple yet powerful idea - Using the heat from its own motor to provide the hot air used to dry the user's hands.

The brush-less motor saves energy as it consumes only 850 watts of power. This means it uses much less power than conventional hot air hand dryers, saving you money and reducing your carbon footprint.

How to use

To use the Biodrier Business, simply pop your hands in and three infrared sensors commence the hot air. The Biodrier Business supplies gentle, but powerful gusts of high-speed air to both sides of the hands.

The facts

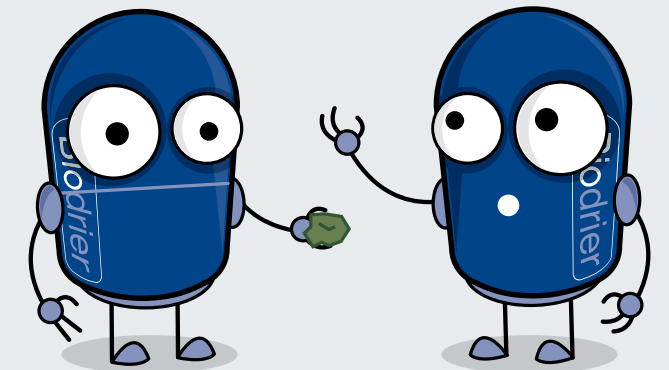
The Biodrier Business uses a high speed brush-less motor to create a jet airflow that will dry your hands within 10 seconds. It also adopts CPU control technology with a wide LCD display. The LCD screen counts down the time to dry your hands and the dryer will stop automatically at the end. It is unbelievably quiet and it produces a natural air fresh aroma that is both refreshing and relaxing. The design of the Biodrier Business is ergonomic, stylish and elegant in its finish.

Benefits to the environment

The Biodrier Business is better for the environment thanks to its power saving technology, consuming only 1/7 of power compared to conventional dryers. It uses the heat from its own motor to produce the hot air need for drying hands.

Moving beyond paper towels

Paper towels are wasteful and old-fashioned. They create waste that litters the washroom and their production creates poisonous materials such as dioxins. With the Biodrier Business there is no need for paper towels to dispose of and its three LED sensors ensure it only activates when actually needed.



Biodrier Business technology

Warms the air by cooling the motor

Unlike most other hand dryers, the Biodrier Business generates warm air without a heater. This is achieved by using a compulsive air-cooling system. The heat is taken from its motor, saving energy and money.

The Biodrier Business adopts a high-speed brush-less motor to produce a jet and bidirectional airflow. The jet air speed reaches up to 120m/s which results in it only taking up to 10 seconds to dry your hands.



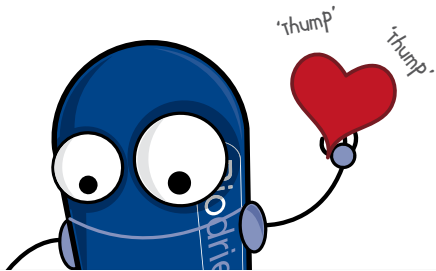
Biodrier Business - CPU controlled with an LCD display, counting down the time it takes to dry your hands.



Biodrier Business Technical Specifications	
Item category	Performance
Operating voltage	220-240 V, 50Hz
Air speed	95 m/s (217m³/h)
Motor type	ICP Brush-less motor
Display	LCD Instruction + countdown
Rated power	850 watts
Drying time	Under 10 seconds
Circuit operation	Infrared automatic, self adjusting
Timing protection	30 seconds auto shut off
Drip proof	IPX1
Isolation	Class I
Net weight	11kg
Shipping weight	13kg
Unit size	292 x 650 x 250mm
Finish	White/Silver (ABS)
Decibel rating	75 dba @ 1 mtr
Approvals	CE, WEEE

3 infrared sensors

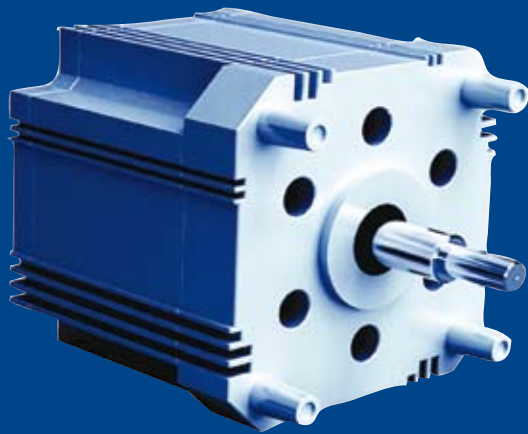
A conventional hand dryer usually has only one sensor and will often fail to detect when a hand is placed ready for drying. The Biodrier Business has been fitted with three infrared sensors. The sensors detect your hand from three different directions simultaneously, only working when required.



The heart of the Biodrier Business

Biodrier Business motor

By utilising a revolutionary new high speed brush-less motor, the life of the Biodrier Business is almost infinite! Long-term this will save users money in consumption and future maintenance costs.



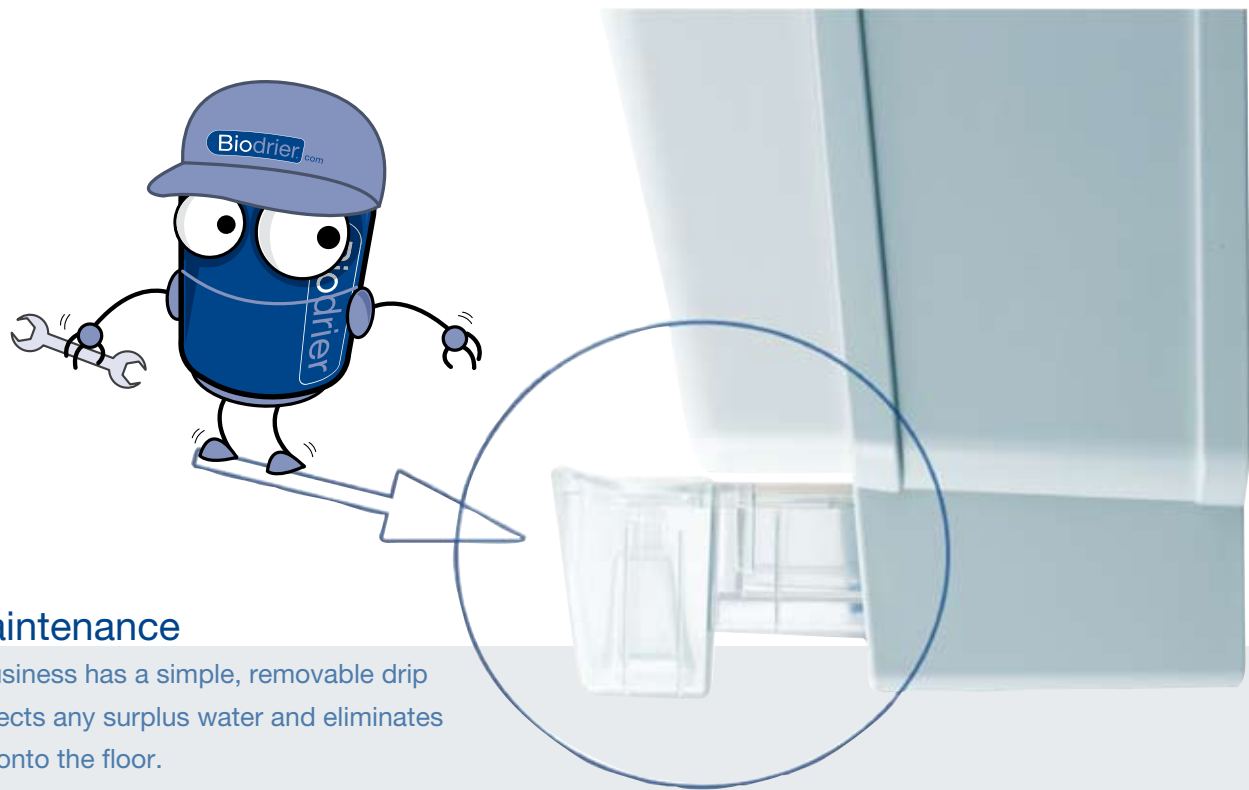
Advanced safety features

The Biodrier Business is packed with safety features, so you can offer the unit to your clients in the knowledge that you will be providing a solution that is reliable, safe and effective:

- A timer automatically shuts the drier off after a set period.
- A temperature sensor stops the motor at temperatures over 70C.
- The unit has a self-diagnosis function which monitors and reduces errors.
- A power monitoring circuit shuts off the unit if power input surges above or below 20%. The unit then notifies you using an LED display.

Service and maintenance

Fitting, servicing and maintenance of the Biodrier Business is extremely easy, making sure your clients are left happy. It can be cleaned with a soft towel and warm water, with a little detergent if required.



Simple maintenance

The Biodrier Business has a simple, removable drip tray, which collects any surplus water and eliminates water dripping onto the floor.

Choice of colours

The Biodrier Business comes in a choice of two stylish and elegant colours, improving the appearance of the premises and adding a touch of modern style to any washroom environment with its distinctive blue LED lights.

Silver Biodrier Business

Metallic silver styling is modern and clean, ideal for environments that need to impress.

White Biodrier Business

Designed to blend in against the white décor of washrooms, the classic white colour is both elegant and discrete.



The new Biodrier Business²

The ultra high-speed hand dryer



Biodrier Business²

The Biodrier Business² creates a jet airflow that will dry your hands within 10 seconds. It also adopts CPU technology with a wide LED display. A concealed switch allows you set the unit at two heat levels 1600 watts (heater on) and 800 watts (heater off) and is fitted with Antibacterial filter and Air Freshener as standard.

Brush-Less Motor

The Biodrier Business² is based on a simple yet powerful idea – Using the heat from its own motor to provide the hot air used to dry the user’s hands.

The brush-less motor saves energy as it consumes only 800 watts of power. This means it uses much less power than conventional hot air hand dryers, saving you money and reducing your carbon footprint.

Biodrier gel blocks for the Business²

The exclusive gels for the Biodrier Business² are sold in packs of 12, each gel will last for around a month at a time. The gels are made from natural sources and are chemical-free. The Biodrier gel blocks perform three functions in one:

- 1. Adding the blocks to the unit will moisturise the user’s hands.
- 2. The blocks provide a sanitizer for the user and the Biodrier unit.
- 3. The blocks come in various fragrances and provide a fragrant aroma within the washroom.

Biodrier Business² Technical Specifications

Item category	Performance
Operating voltage	220-240Vac, 50 Hz
Air speed	110 m/s
Motor type	35000 rpm, DC brushless
Heater element	750W thermal protected
Rating power	800W (heater off) 1600W (heater on)
Drying time	under 10 seconds
Circuit operation	Infrared automatic, self adjusting
Timing protection	30 seconds auto shut off
Drip proof	IP22
Isolation	Class I
Filter	Antibacterial filter
Air freshener	Organic ocean breeze fragrance
Net weight	8.5kg
Unit size	300 x 608 x 250mm
Finish	Fireproof ABS, 94V0, PMMA, UV Coated
Decibel rating	78 dba @ 1 mtr
Approvals	CE, WEEE



Choice of colours



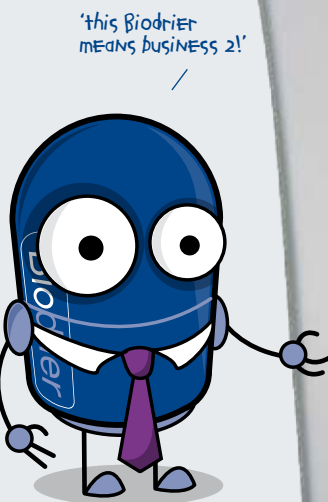
Two Tone Business²
Silver/White BB702T



Silver Business²
BB702S



White Business²
BB702W



Biodrier BioLite

The new ultra high-speed hand dryer just got **greener** & brighter



Biodrier BioLite

Elegant, hygienic and cost effective, the Biodrier BioLite is a faster, healthier way to dry your hands

Better for the environment

The Biodrier BioLite keeps energy use to a minimum. With a switchable element and its unique high brightness blue LED light, BioLite ensures maximum efficiency.

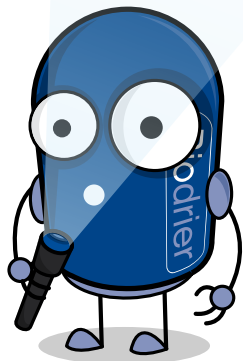
Safer for users

Using 90% less energy than conventional dryers this revolutionary concept puts hand dryers firmly on the agenda with its green credentials. It's vital statistics make it an obvious choice for facilities and purchasing managers looking for a cost-effective long term solution.



Biodrier BioLite Technical Specifications

Item category	Performance
Operating voltage	220-240 Vac, 50Hz
Air speed	64 m/s (140m³/h)
Motor type	640W adjustable brush type
Heater element	240W thermal protected
Rating power	640W (Heater off) 900W (Heater on)
Drying time	Under 10 seconds
Circuit operation	Infrared automatic, self adjusting
Timing protection	30 seconds auto shut off
Drip proof	IPX22
Isolation	Class I
Net weight	4.5kg
Unit size	205 x 287 x 180mm
Finish	Die cast aluminium white/silver/chrome
Decibel rating	70 dba @ 1 mtr
Approvals	CE, WEEE



Choice of colours



Biodrier BioLite
White BJ09W



Biodrier BioLite
Silver BJ09S



Biodrier BioLite
Chrome BJ09C

Biodrier Eco

The ultra high-speed hand dryer...
just got smaller



The Biodrier Eco chrome model

Biodrier Eco

Elegant, quieter and cost effective, the Biodrier Eco is a faster, healthier way to dry your hands

Better for the environment

The Biodrier Eco keeps energy consumption to a minimum. There are no waste products, such as paper towels to dispose of and its high vandalism resistant die cast aluminium construction.

Safer for users

Using 90% less energy than conventional dryers this revolutionary concept puts hand dryers firmly on the agenda with its green credentials. It's vital statistics make it an obvious choice for facilities and purchasing managers looking for a cost-effective long term solution.

Biodrier Eco Technical Specifications

Item category	Performance
Operating voltage	220–240 Vac, 50Hz
Air speed	64 m/s (140m³/h)
Motor type	640W adjustable brush type
Heater element	240W thermal protected
Rating power	900W
Drying time	Under 10 seconds
Circuit operation	Infrared automatic, self adjusting
Timing protection	60 seconds auto shut off
Drip proof	IPX22
Isolation	Class I
Net weight	4.5kg
Unit size	300 x 280 x 175mm
Finish	Die cast aluminium white/silver/chrome
Decibel rating	70 dba @ 1 mtr
Approvals	CE, WEEE

Choice of colours

The Biodrier Eco comes in a choice of three stylish and elegant colours that will match any washroom environment, improving the appearance of the premises and adding a touch of modern style.



White Biodrier Eco
BE08W



Silver Biodrier Eco
BE80S

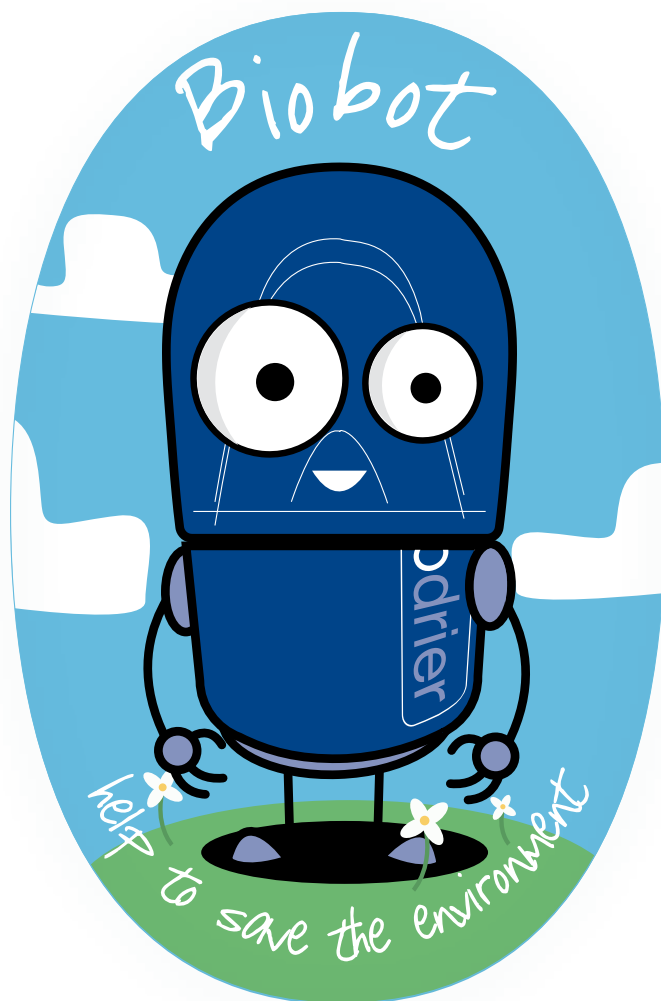


Chrome Biodrier Eco
BE08C

BioBot

faster, friendlier & more efficient
hand dryer for children

Backplate Styles



Biobot backplate style 1



Biobot backplate style 2

Biobot Eco Dryer

The new fun way of introducing children to drying their hands, and they can help save the planet too!

Better for the environment

Biobot consumes just 10% of the energy used by a conventional hand dryer, and has a whopping 98.5% saving over paper towels.

By teaching our children the benefits of using energy efficient products they will help reduce our carbon footprint, which will provide a better environment for their future and the generations to come.

Biobot Scheme

With every 'Biobot' dryer sold (or rented) we will give away absolutely free a Biobot splash back which conveys this important environmental message. We will also supply free of charge a limited number of Biobot cut outs, which can be used in a fun way to teach children the importance of Biobot and other energy efficient products.

Biodrier Biobot Technical Specifications

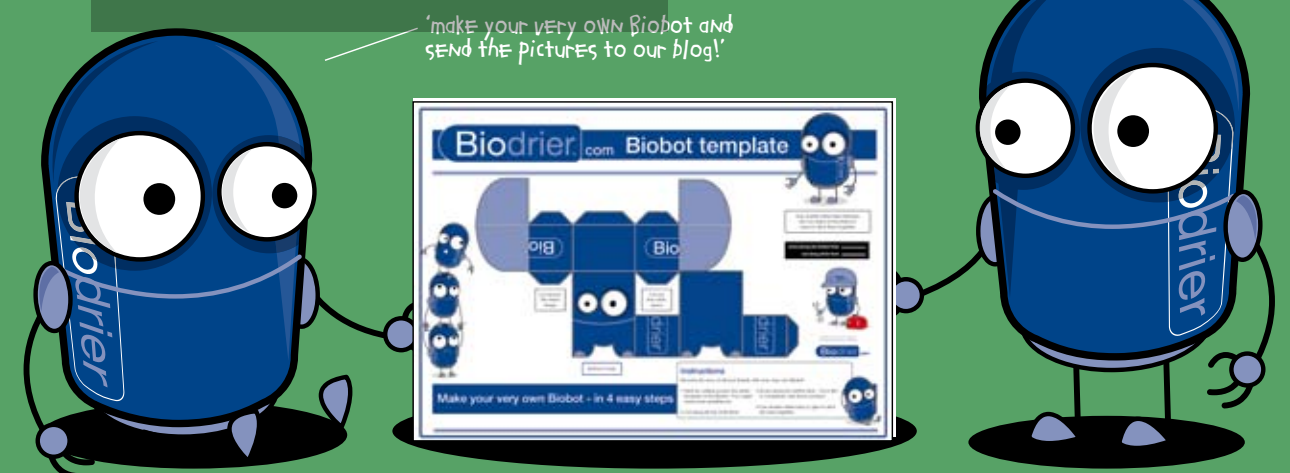
Item category	Performance
Operating voltage	220-240 Vac, 50Hz
Air speed	64 m/s (140m³/h)
Motor type	640W adjustable brush type
Heater element	240W
Rating power	900w
Drying Time	Under 10 seconds
Circuit operation	Infrared automatic, self adjusting
Timing protection	60 seconds auto shut off
Drip proof	IPX22
Isolation	Class I
Net weight	4.5kg
Unit size	300 x 280 x 175mm
Finish	Die cast aluminium Powder Coated Blue
Dryer Unit size	300 x 280 x 175mm
Decibel rating	70dba @ 1mtr
Approvals	CE, WEEE



Angled view of Biobot Dryer

Dryer is fixed to wall 840mm off ground to accommodate 3-10 year olds

Laminated graphics are placed on waterproof plastic and used for the rest of the Biobot's body which is placed on the wall underneath the drying unit, doubling as a splashback.



Gentworks

www.gentworks.co.uk

tel: 0845 202 4535



GreenSpec®

Biodrier is part of FW3 Ltd

FW3 Ltd, West Hill, Exeter, Devon, EX11 1LQ, United Kingdom

Tel: +44 (0)1404 814292 • Fax: +44 (0)1404 811856 • Email: enquiries@fw3group.com

www.fw3group.com

www.biodrier.com