

Office build and refurbishment

Intelligent hand dryers

When it comes to the office, a washroom needs a hand dryer that not only looks great, but does the job efficiently and reliably.

Architects and designers will spend a lot of time selecting products that match the style of the overall vision for the building and these that follow are some of the best looking available.

Not only does it have to look good, it has to be able to meet the requirements of the working environment. Some of the questions that need answering include:

- Does it need to be fast drying to satisfy the end user?
- Does it need to be energy efficient to maintain the eco credentials of the building as well as minimising annual costs.
- Are the washrooms close to working environments where noise transfer from washroom to work room would be undesirable?
























































This guide gives you the best hand dryers available for a complete new office build or refurbishment.

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Hand Dryer	Approx. price point (ex VAT)	Finishes available	Guarantee	Recommended usage per hand dryer	Rated power	Approx. cost per 1000 dries	Dry time range (seconds)	Dimensions	IP Rating	Objects Available	Page
Turboforce Junior PLUS	£105	 		<100 uses a day	0.5kW – 1.15kW	30p – 69p	15 – 20	H: 260mm W: 180mm D: 157mm	IPX1	 	6
Dryflow Ecowave	£130			<100 uses a day	0.4kW – 0.95kW	31p – 67p	20 – 25	H: 300mm W: 275mm D: 100mm	IPX1		8
Ecoforce 	£145			<100 uses a day	0.5kW – 1.25kW	33p – 83p	20 – 25	H: 270mm W: 210mm D: 182mm	IPX1	 	10
Dryflow G-Force	£175	 		<300 uses a day	0.75kW – 1.4kW	40p – 75p	15 – 20	H: 330mm W: 265mm D: 170mm	IP23		12
Dryflow Classic PLUS Mark II 	£205 – £230			>500 uses a day	1.4kW	84p	15 – 20	H: 308mm W: 266mm D: 187mm	IP23	 	14
G-Force Mark II	£220 – £240	 		<500 uses a day	0.42kW – 1.5kW	32p – 63p	10 – 15 (high speed) 20 – 25 (low speed)	H: 330mm W: 213mm D: 170mm	IP23	  	16
Dryflow Viper 	£230 – £250	 		<300 uses a day	0.6kW – 2kW	40p – £1	15 – 20	H: 325mm W: 310mm D: 188mm	IPX1	  	18
Dryflow Elite Mark II 	£260			>500 uses a day	1 kW	73p	20 – 25	H: 350mm W: 258mm D: 100mm	IP23	  	20
Turboforce	£260	 		>500 uses a day	0.35kW – 1.6kW	28p – 64p	10 – 15	H: 277mm W: 201mm D: 175mm	IP23	  	22
Dryflow Ecoslim 	£285 – £299	 		<300 uses a day	0.18kW – 0.85kW	13p – 45p	15 – 20 (high speed) 20 – 25 (low speed)	H: 290mm W: 270mm D: 100mm	IP23		24
Jetforce Junior	£250			<100 uses a day	0.75kW – 1.85kW	35p – 86p	10 – 15	H: 669mm W: 298mm D: 184mm	IPX1	 	26
Stealthforce PLUS 	£360	 		<500 uses a day	0.75kW – 1.65kW	40p – 88p	15–20	H: 700mm W: 300mm D: 215mm	IPX4	  	28
Dryflow Tri-Jet	£430 – £480	 		<500 uses a day	1.76kW	65p	10 – 15	H: 617mm W: 300mm D: 195mm	IPX1	  	30
Dryflow Vapordri	£470			>500 uses a day	1kW – 1.5kW	37p – 55p	10 – 15	H: 540mm W: 320mm D: 180mm	IP21	  	32
Dryflow Dri-tap	£779			<300 uses a day	0.5kW – 1kW	38p – 77p	20 – 25	H: 170mm W: 220mm Ø: 38mm	IP35	  	34

Case Study

Examples of annual cost savings for an office
energy efficient hand dryers compared to paper towels
and conventional hand dryers.

1 Office that services 10 people, 260 times a year

Number of toilet visits a year: 11,700

Number of paper towels used per year (based on 3 towels per visit): 35,100

	Paper towels	Conventional hand dryer	Turboforce Junior PLUS	Ecoforce	Jetforce Junior
Rated power	-	2500W	500W – 1150W	500W – 1250W	750W – 1850W
Drying time	-	40 seconds	18 seconds	21 seconds	14 seconds
Watts Hours per dry	-	27.78Wh	2.5 – 5.75Wh	2.91 – 7.29Wh	2.92 – 7.19Wh
Annual kW/h	-	325	29.25 – 67.28	34.13 – 85.31	34.12 – 84.18
Annual cost	£105.30 – £175.50*	£39 [^]	£3.51 – £8.07 [^]	£4.10 – £10.24 [^]	£4.10 – £10.10 [^]
Annual saving vs paper towels	-	£66.30 – £136.50	£97.23 – £171.99	£95.06 – £171.41	£95.20 – £171.41
Annual saving vs conventional hand dryer	-	-	£30.93 – £35.49	£28.76 – £34.91	£28.90 – £34.91
Annual carbon production	263Kg/CO ₂ **	176Kg/CO ₂ #	16 – 36Kg/CO ₂ #	18 – 46Kg/CO ₂ #	18 – 45Kg/CO ₂ #

2 Office that services 50 people, 260 times a year

Number of toilet visits a year: 58,500

Number of paper towels used per year (based on 3 towels per visit): 175,500

	Paper towels	Conventional hand dryer	Turboforce Junior PLUS	Ecoforce	Jetforce Junior
Rated power	-	2500W	500W – 1150W	500W – 1250W	750W – 1850W
Drying time	-	40 seconds	18 seconds	21 seconds	14 seconds
Watts Hours per dry	-	27.78Wh	2.5 – 5.75Wh	2.91 – 7.29Wh	2.92 – 7.19Wh
Annual kW/h	-	1625	146.25 – 336.37	170.63 – 426.56	170.63 – 420.88
Annual cost	£526.50 – £877.50*	£195 [^]	£17.55 – £40.37 [^]	£20.48 – £51.19 [^]	£20.48 – £50.51 [^]
Annual saving vs paper towels	-	£331.50 – £682.50	£486.14 – £859.95	£475.31 – £857.03	£476 – £857.03
Annual saving vs conventional hand dryer	-	-	£154.64 – £177.45	£143.81 – £174.53	£144.50 – £174.53
Annual carbon production	1,316Kg/CO ₂ **	878Kg/CO ₂ #	79 – 182Kg/CO ₂ #	92 – 230 Kg/CO ₂ #	92 – 227Kg/CO ₂ #

* Price of paper towel range from 0.3p – 0.5p per towel

[^] Based on 12p per kW/h

Based on Carbon Trust standard of 1kW/h = 0.54 Kg/CO₂

** Carbon production for paper towels is based on 22.5gms/CO₂ per dry

3 Office that services 200 people, 260 times a year

Number of toilet visits a year: 234,000

Number of paper towels used per year (based on 3 towels per visit): 702,000

	Paper towels	Conventional hand dryer	G-Force MKII	Dryflow Viper	Stealthforce PLUS	Dryflow Tri-Jet
Rated power	-	2500W	420W – 1500W	600W – 2000W	750W – 1650W	1760W
Drying time	-	40 seconds	12-23 seconds	15-20 seconds	16 seconds	11 seconds
Watts Hours per dry	-	27.78Wh	2.68 – 5Wh	3.33 – 8.33Wh	3.33 – 7.33Wh	5.38Wh
Annual kW/h	-	6,500	627.9 – 1170	780 – 1950	780 – 1716	1,258.40
Annual cost	£2,106 – £3,510*	£780^	£75.35 – £140.40^	£93.60 – £234^	£93.60 – £205.92^	£151.01^
Annual saving vs paper towels	-	£1,326 – £2,730	£1,965.60 – £3,434.65	£1,872 – £3,416.40	£1,900.08 – £3,416.40	£1,954.99 – £3,358.99
Annual saving vs conventional hand dryer	-	-	£639.60 – £704.65	£546 – £686.40	£574.08 – £686.40	£628.99
Annual carbon production	5,265Kg/CO ₂ **	3,510Kg/CO ₂ #	339 – 632Kg/CO ₂ #	421 – 1,053Kg/CO ₂ #	421 – 927Kg/CO ₂ #	988Kg/CO ₂ #

4 Office that services 500 people, 260 times a year

Number of toilet visits a year: 585,000

Number of paper towels used per year (Based on 3 towels per visit): 1,755,000

	Paper towels	Conventional hand dryer	Dryflow Elite MKII	Dryflow Classic PLUS MKII	Turboforce
Rated power	-	2500W	1000W	1400W	350W – 1600W
Drying time	-	40 seconds	22 seconds	18 seconds	12 – 24 seconds
Watts Hours per dry	-	27.78Wh	6.11Wh	7Wh	2.33 – 5.33Wh
Annual kW/h	-	16,250	3,575	4,095	1,365 – 3,120
Annual cost	£5,265 – £8,775*	£1,950^	£429^	£491.40^	£163.80 – £374.40^
Annual saving vs paper towels	-	£3,315 – £6,825	£4,836 – £8,346	£4,773.60 – £8,283.60	£4,890.60 – £8,611.20
Annual saving vs conventional hand dryer	-	-	£1,521	£1,458.60	£1,575.60 – £1,786.20
Annual carbon production	13,163Kg/CO ₂ **	8,775Kg/CO ₂ #	1,931Kg/CO ₂ #	2,211Kg/CO ₂ #	731 – 1,685Kg/CO ₂ #

* Price of paper towel range from 0.3p – 0.5p per towel

^ Based on 12p per kW/h

Based on Carbon Trust standard of 1kW/h = 0.54 Kg/CO₂

** Carbon production for paper towels is based on 22.5gms/CO₂ per dry

Dryflow Turboforce Junior PLUS

Recommended traffic:

<100 uses a day

riba
product
selector

n55Plus

High speed, compact and very reliable

Approx. cost per 1000 dries:

 30p – 69p

Guarantee period:

 3 Years

- Solid stainless steel brushed satin or polished chrome and white ceramic options available.
- A low cost yet high-speed hand dryer, ideal for keeping washroom traffic moving and does the job of drying the hands well, no one will complain.
- A small wall footprint means it fits nicely into tight washrooms.
- It can cope with unforgiving environments as it is very robust.
- For a high-speed hand dryer, it emits a relatively low noise level. Benefits include limited noise transfer into work areas and conference rooms.
- An intelligent heating system is a real bonus as it makes sure running costs and energy use are kept low with the unit working most of the time at just 500W.
- An internal UV light cleans the inside of the unit and it has 2 particle catching filters, decreasing the growth of mould and protecting against airborne bacteria. Great features for an office environment.



Dryflow Turboforce Junior PLUS

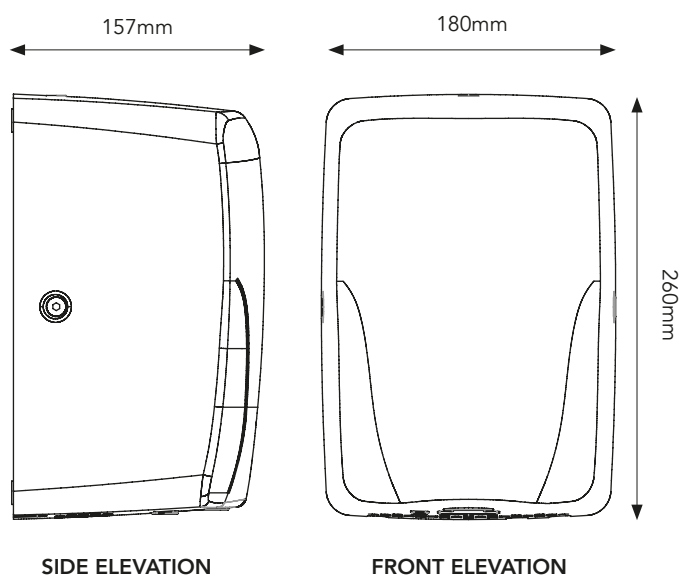
Electrical Supply Voltage	230-240 V
Electrical Supply Frequency	50/60 Hz
Expected Motor Life	600 Hours
Dry Time Range	15 – 20 Seconds
Rated Power	0.5 – 1.15 kW
Approx. Watt-Hours per Dry	2.5 – 5.75 Wh
Heater Element Power	650 W
Operating Sound Level	72 dB at 1M
Motor Speed	20000 RPM
Air Speed	134 MPH
Operating Temperature Range	24 – 40°C
Motor Cut off Time	60 Seconds
Motor Class	Class I
Materials	Stainless steel or ceramic cover
Weight	3 kg
Finishes Available and Codes	White (TFJ01) Polished Chrome (TFJ02) Brushed Satin (TFJ03)
IP rating	IPX1 (Protection from dripping water)
Cable Entry Point	Bottom

Online information



Installation summary

- The cover of the hand dryer is removed using a supplied Allen key
- Attach base unit to wall with 4 supplied screws into the drill holes
- Connect power supply from fuse spur to hand dryer terminal and connect all other electrical requirements
- Replace the cover and secure via screws using the Allen key



Dryflow EcoWave

riba
product
selector

Recommended traffic:

<100 uses a day

Slim, vandal resistant and high performing

Approx. cost per 1000 dries:

 31p – 67p

Guarantee period:

 2 Years

- A uniquely shaped, solid stainless steel brushed stain option is available
- Its depth of just 10cm means it can fit into the tightest of washrooms and minimises the chances of causing a collision hazard.
- High speed and extremely energy efficient, you can run this unit at just 400W, minimising running costs and energy use. An internal switch allows you to manually turn the heater element on and off, giving you flexibility of choice.
- Very vandal resistant – the thick stainless-steel case is secured by 4 security screws; it also has a solid steel backplate.
- A wide, blade style air outlet means water is scraped off the hands, maximising dry performance
- For a high-speed hand dryer, it emits a relatively low noise level
- The airflow passes through a filter that can easily be removed to clean, enhancing the life of the product.



Dryflow EcoWave

Electrical Supply Voltage	220-240 V
Electrical Supply Frequency	50/60 Hz
Expected Motor Life	400 Hours
Dry Time Range	20 – 25 Seconds
Rated Power	0.4 – 0.95 kW
Approx. Watt-Hours per Dry	2.56 – 5.54 Wh
Heater Element Power	550 W
Operating Sound Level	70dB at 1M
Motor Speed	22000 RPM
Air Speed	179 MPH
Operating Temperature Range	At ambient temp (20°C) – 40°C
Motor Cut off Time	60 Seconds
Motor Class	Class I
Materials	Stainless Steel
Weight	4.5 kg
Finishes Available and Codes	Brushed Satin (DFEW02)
IP rating	IPX1 (Protection from dripping water)
Cable Entry Point	Rear or with access from bottom

Online information



Lifespan
Calculator



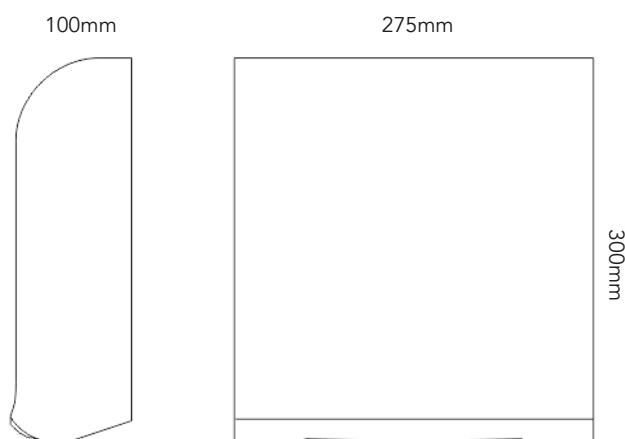
Cost
Calculator



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Installation summary

- The cover of the hand dryer is removed by loosening the 4 security screws at the bottom and either side of the hand dryer using the supplied Allen key
- Using an 8mm drill bit, drill the 4 holes required
- Attach base unit to wall with the 4 supplied screws into the predrilled holes
- Connect power supply from fuse spur to hand dryer terminal and connect all other electrical requirements
- Replace the cover and secure by tightening the 4 security screws at the bottom and each side of the hand dryer using the supplied Allen key



SIDE ELEVATION

FRONT ELEVATION



Dryflow EcoForce

Recommended traffic:

<100 uses a day

riba
product
selector

n55Plus

Attractive, quiet and energy efficient

- A superbly crafted, solid Die-cast aluminium chrome plated or white epoxy cover
- A low cost, energy efficient hand dryer packed with great features. The heater element can be switched off via an internal switch allowing running costs to be lowered further, running at just 500W rated power.
- A superb drying performance means that washroom traffic flows quickly and users come away with dry hands, minimising dissatisfied users.
- One of the quietest (Quiet Mark approved), yet good performing hand dryers available. Benefits include limited noise transfer into work areas and conference rooms.
- It takes up limited wall space so you can fit it in the smallest of washrooms.
- The unit has a built-in ioniser to freshen the air quality and an optional scented block that diffuses into the washroom, precisely when its needed. Put to good use in office toilets that are prone to unpleasant smells.
- Security screws on the underside and a concealed fixing at the top of the dryer prevent access and give the hand dryer robust properties.

Approx. cost per 1000 dries:

 33p – 83p

Guarantee period:

 2 Years



Dryflow EcoForce

Electrical Supply Voltage	230-240 V
Electrical Supply Frequency	50/60 Hz
Expected Motor Life	550 Hours
Dry Time Range	20 – 25 Seconds
Rated Power	0.5 – 1.25 kW
Approx. Watt-Hours per Dry	2.92 – 7.29 Wh
Heater Element Power	750 W
Operating Sound Level	72dB at 1M
Motor Speed	25000 RPM
Air Speed	179 MPH
Operating Temperature Range	At ambient temp (20°C) – 40°C
Motor Cut off Time	50 Seconds
Motor Class	Class I
Materials	Die-cast aluminium chrome plated or white epoxy
Weight	4.5 kg
Finishes Available and Codes	Polished Chrome (EF03) / White (EF03W)
IP rating	IPX1 (Protection from dripping water)
Cable Entry Point	Rear, with access available from bottom
Certifications and Awards	Quiet Mark

Online information



Lifespan
Calculator



Cost
Calculator

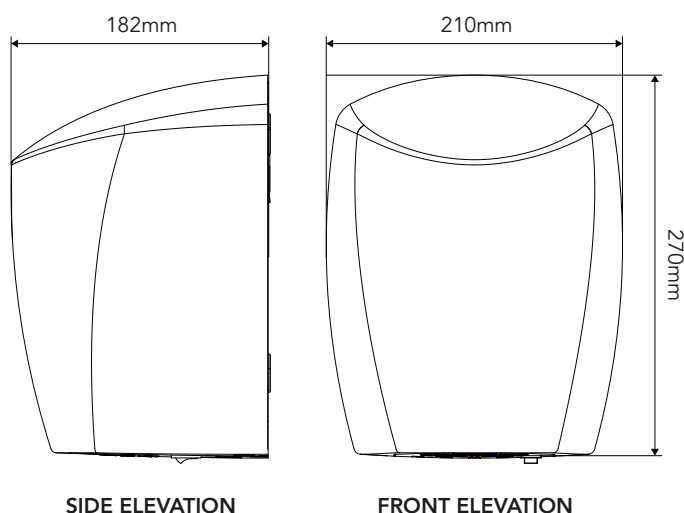


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Installation summary

Mounting template provided to position the drill holes correctly

- The cover of the hand dryer is removed using a supplied Allen key
- Connect power supply from fuse spur to hand dryer terminal and connect all other electrical requirements
- Attach base unit to wall with 4 supplied screws into the drill holes
- Replace the cover and secure via screws using the Allen key



Dryflow G-Force Eco

riba
product
selector

Recommended traffic:

<300 uses a day

High speed, energy efficient and robust

Approx. cost per 1000 dries:

 **40p – 75p**

Guarantee period:

 **3 Years**

- Solid stainless steel brushed satin or polished chrome and white ABS options available
- Produces dry times that will not disappoint whilst emitting a relatively low noise level
- An intelligent heating system is a real bonus as it makes sure running costs and energy use are kept low with the unit working most of the time at just 750W. The heater element is only activated if the washroom temperature drops below 25°C
- It can cope with unforgiving environments with the cover made of high quality, vandal resistant ABS or stainless steel
- Compact dimensions, solid motor life and a modern design make it suitable for all types of medium traffic locations
- It comes complete with a standard filter which removes dust and particles from the air taken into the unit.



Dryflow G-Force Eco

Electrical Supply Voltage	220-240 V
Electrical Supply Frequency	50/60 Hz
Expected Motor Life	1500 Hours
Dry Time Range	15 – 20 seconds
Rated Power	0.75 – 1.4 kW
Approx. Watt-Hours per Dry	3.33 – 6.22 Wh
Heater Element Power	650 W
Operating Sound Level	75dB at 1M
Motor Speed	23000 RPM
Air Speed	248 MPH
Operating Temperature Range	At ambient temp (20°C) – 40°C
Motor Cut off Time	60 Seconds
Motor Class	Class II
Materials	ABS or stainless steel
Weight	3.2 kg
Finishes Available and Codes	White (GF01-2) Brushed Satin (GF02-2) Polished Chrome (GF03-2)
IP rating	IP23 (Protection from a large part of the body such as the hand, from solid objects greater than 50mm in diameter; Protection from sprayed water)
Cable Entry Point	Rear or bottom

Online information



Lifespan
Calculator



Cost
Calculator



Product
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Installation summary

Mounting template provided to position the drill holes correctly

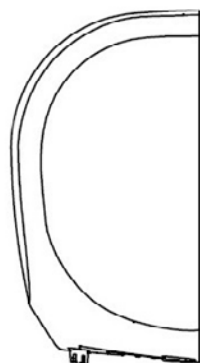
- The cover of the hand dryer is removed by removing the 2 screws at the bottom of the hand dryer
- Using an 8mm drill bit, drill the 4 holes required
- Connect power supply from fuse spur to hand dryer terminal and connect all other electrical requirements
- Attach base unit to wall with 4 provided screws into the predrilled holes
- Replace the cover and secure using the 2 screws at the bottom of the hand dryer.



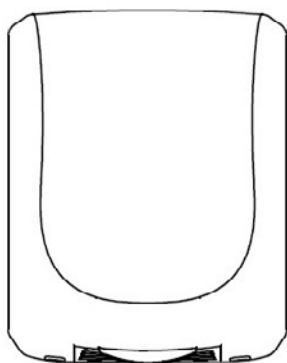
170mm

265mm

330mm



SIDE ELEVATION



FRONT ELEVATION

Dryflow Classic PLUS Mk2

Recommended traffic:

>500 uses a day

riba
product
selector

nssPlus

Provides low noise yet fast drying

Approx. cost per 1000 dries:

 **84p**

Guarantee period:

 **5 Years**

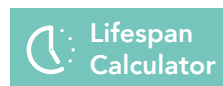
- An attractive and elegantly designed cover, available in a Die-cast aluminium polished chrome or white finish.
- One of the fastest drying, energy efficient hand dryers in our quiet range, bringing a great balance between low noise and low energy with dry times under 20 seconds.
- Suitable for high traffic office buildings with a motor life that exceeds most others.
- Noise levels remains low at just 72dB, even when the hands are placed in the airflow - benefits include limited noise transfer into work areas and conference rooms.
- Three times more energy efficient than a conventional hand dryer.
- A steel back plate and anti-tamper screws provide added security and make this a very robust hand dryer.



Dryflow Classic PLUS Mk2

Electrical Supply Voltage	230-240 V
Electrical Supply Frequency	50/60 Hz
Expected Motor Life	17000 Hours
Dry Time Range	15 – 20 Seconds
Rated Power	1.4 kW
Approx. Watt-Hours per Dry	7 Wh
Heater Element Power	1250 W
Operating Sound Level	72 dB at 1M
Motor Speed	7100 RPM
Air Speed	100 MPH
Operating Temperature Range	At ambient temp (20°C) - 55 °C
Motor Cut off Time	90 Seconds
Motor Class	Class E
Materials	Die-cast aluminium
Weight	4.6 kg
Finishes Available and Codes	Polished Chrome (DF06M2) White (DF06M2W)
IP Rating	IP23 (Protection from a large part of the body such as the hand, from solid objects greater than 50mm in diameter; Protection from sprayed water)
Cable Entry Point	Rear or bottom

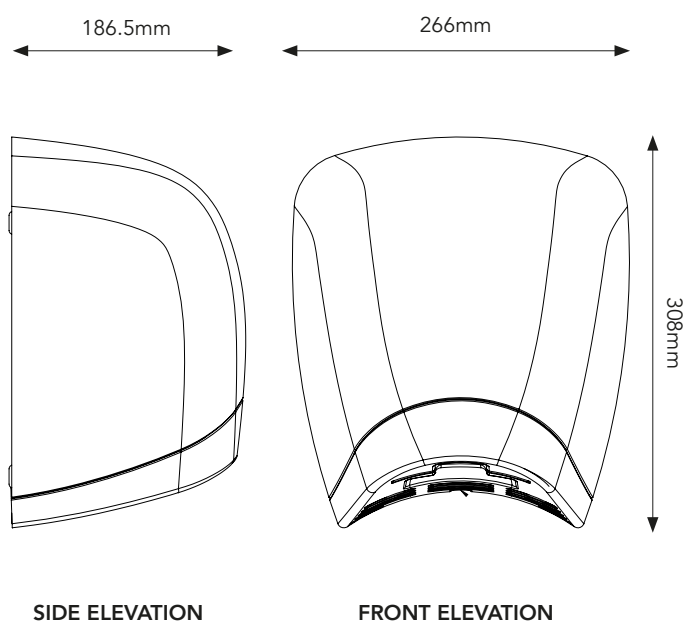
Online information



Installation summary

Mounting template provided to position the drill holes correctly

- The cover of the hand dryer is removed by loosening the 2 security screws at the bottom of the hand dryer using the supplied Allen key
- Using an 8mm drill bit, drill the 4 holes required
- Attach base unit to wall with 4 screws into the predrilled holes
- Connect power supply from fuse spur to hand dryer terminal and connect all other electrical requirements – rear or bottom cable entry
- Replace the cover and secure by tightening the 2 security screws at the bottom of the hand dryer using the supplied Allen key



Dryflow G-Force Mk2

Recommended traffic:

<500 uses a day

riba
product
selector

nssPlus

nss
BIM

'Plug and play' hassle-free maintenance

Approx. cost per 1000 dries:

 **32p – 63p**

Guarantee period:

 **3 Years**

- Solid, 1.5mm thick brushed satin or polished chrome stainless steel and steel white epoxy covers available for this highly robust hand dryer.
- Health and safety is maximised with plastic parts made of PA6V0, which is known for its high mechanical strength and good flame resistant properties.
- The motor speed can be reduced to lower sound levels if required. The base plate includes silent-blocks to cushion mechanical vibrations.
- A real innovation in this model is a secure "plug and play" system phased installation – should a fault occur, maintenance is faster as anyone can detach the unit from the electrical supply quickly and safely, without exposure to electrical components.
- Highly adjustable, you can run this at just 420W for enhanced energy efficiency, ideal for minimising running costs.
- The heater element can be turned on or off via an internal switch, making it possible to condition the unit to user requirements or to further lower energy use and costs.
- An optional odour neutraliser can be purchased to add a pleasant fragrance to the washroom. Put to good use in office toilets that are prone to unpleasant smells.



Dryflow G-Force Mk2

Electrical Supply Voltage	220-240 V
Electrical Supply Frequency	50/60 Hz
Expected Motor Life	3000 Hours
Dry Time Range	10 – 15 Seconds (high speed) 20 – 25 Seconds (low speed)
Rated Power	0.42 – 1.5 kW
Approx. Watt-Hours per Dry	2.68 – 5.24 Wh
Heater Element Power	400 W
Operating Sound Level	67 – 74 dB at 2M
Motor Speed	19000 – 30000 RPM
Air Speed	119 – 202 MPH
Operating Temperature Range	45°C
Motor Cut off Time	60 Seconds
Motor Class	Class I
Materials	Stainless Steel, White Epoxy cover
Weight	5.1kg
Finishes Available and Codes	White (GFM201) Brushed Satin (GFM202) Polished Chrome (GFM203)
IP rating	IP23
Cable Entry Point	Rear or Bottom

Online information



Lifespan
Calculator



Cost
Calculator

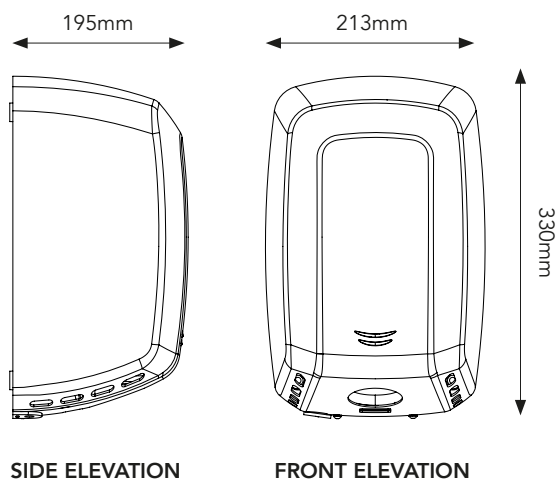


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Installation summary

Mounting template provided to position the drill holes correctly

- Connect power supply from fuse spur to the terminal of the plug-in back plate and connect all other electrical requirements
- Screw the plug-in back plate to the wall using the 4 screws provided
- Remove the cover of the hand dryer via 2 screws and connect the hand dryer electrical wires to the fast connector supplied and connect all other electrical requirements
- Fix the cover back onto the hand dryer and secure using the 2 screws
- The hand dryer is now ready for "plug and play" with the base unit slotting onto the back plate, then secured via a screw



SIDE ELEVATION

FRONT ELEVATION

Dryflow Viper

Recommended traffic:

<300 uses a day

riba
product
selector

nbsPlus

nbs
BIM

Effortlessly scrapes water off the hands

Approx. cost per 1000 dries:

 40p – £1

Guarantee period:

 3 Years

- Beautifully crafted solid steel and stainless-steel cover, available in a brushed satin or white finish.
- The Viper utilises the latest in modern blade technology. Two angled blades of air simultaneously scrape moisture from the hands providing a rapid dry.
- Four settings to choose from with the option to run the unit at a very energy efficient and cost saving 600-800W.
- HEPA filter comes as standard, ensuring clean air is blown over the hands.
- One of the quietest (Quiet Mark approved), yet good performing hand dryers available. Benefits include limited noise transfer into work areas and conference rooms.
- Two separate sensors are installed, making sure of instant activation no matter which hand is placed under the unit first.
- Setting buttons are hidden to avoid unwanted tampering.



Dryflow Viper

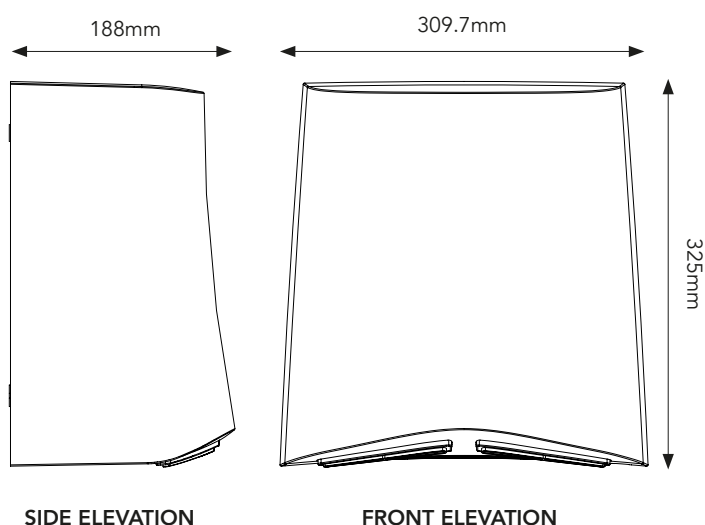
Electrical Supply Voltage	220-240 V
Electrical Supply Frequency	50/60 Hz
Expected Motor Life	1500 Hours
Dry Time Range	15 – 20 Seconds
Rated Power	0.6 – 2 kW
Approx. Watt-Hours per Dry	2.5 – 8.33 Wh
Heater Element Power	1200 W
Operating Sound Level	70 – 74.5 dB at 1M
Motor Speed	24000 RPM
Air Speed	201 MPH
Operating Temperature Range	At ambient temp (20°C) – 40°C
Motor Cut off Time	60 Seconds
Motor Class	Class I
Materials	Grade 304 stainless steel cover
Weight	5.9 kg
Finishes Available and Codes	White (DFVP01) Brushed Satin (DFVP02)
IP rating	IPX1 (Protection from dripping water)
Cable Entry Point	Rear, with access available from bottom
Certifications and Awards	Quiet Mark

Online information



Installation summary

- Attach fixing plate to wall using 4 screws
- Connect power supply from fuse spur to hand dryer terminal and connect all other electrical requirements
- Hang the hand dryer onto fixing plate
- Secure the hand dryer to the fixing plate using 2 screws at the bottom of the hand dryer underneath the removable grill
- Replace the grill onto the hand dryer



Dryflow Elite Mk2

Recommended traffic:

>500 uses a day

riba
product
selector

nssPlus

nss
BIM

Superbly balances noise, performance and energy

Approx. cost per 1000 dries:

 **73p**

Guarantee period:

 **5 Years**

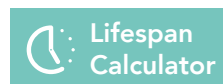
- This hand dryer comes with strong Die-cast aluminium covers in white or polished chrome, with an attractive style to match modern office washroom design.
- Great balance between drying performance, noise level and energy efficiency, rated at just 1kW.
- One of the quietest (Quiet Mark approved), yet good performing hand dryers available. Benefits include limited noise transfer into work areas and conference rooms.
- Suitable for high traffic office buildings with a motor life that exceeds most others.
- Its depth of just 10cm means it can fit into the tightest of washrooms and minimises the chances of causing a collision hazard.
- A solid construction with steel back plate and security screws for the cover make it highly robust.



Dryflow Elite Mk2

Electrical Supply Voltage	230-240 V
Electrical Supply Frequency	50/60 Hz
Expected Motor Life	17000 Hours
Dry Time Range	20 – 25 Seconds
Rated Power	1 kW
Approx. Watt-Hours per Dry	6.11 Wh
Heater Element Power	850 W
Operating Sound Level	70dB at 1M
Motor Speed	8200 RPM
Air Speed	60 MPH
Operating Temperature Range	At ambient temp (20°C) – 47°C
Motor Cut off Time	90 Seconds
Motor Class	Class E
Materials	Die-cast aluminium
Weight	3.4 kg
Finishes Available and Codes	Polished Chrome (DF05M2PC) White (DF05M2W)
IP rating	IP23 (Protection from a large part of the body such as the hand, from solid objects greater than 50mm in diameter; Protection from sprayed water)
Cable Entry Point	Rear or bottom
Certifications and Awards	Quiet Mark

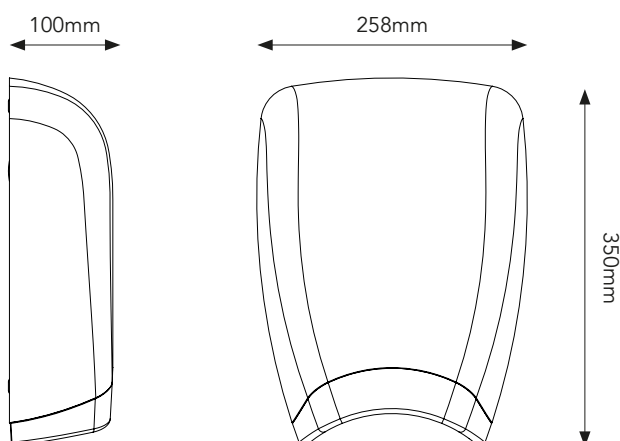
Online information



Installation summary

Mounting template provided to position the hand dryer and mark the drill holes correctly

- The cover of the hand dryer is removed by loosening the 2 security screws at the bottom of the hand dryer using the supplied Allen key
- Using an 8mm drill bit, drill the 4 holes required
- Attach base unit to wall with 4 screws into the predrilled holes
- Connect power supply from fuse spur to hand dryer terminal and connect all other electrical requirements – rear or bottom cable entry
- Replace the cover and secure by tightening the 2 security screws at the bottom of the hand dryer using the supplied Allen key



SIDE ELEVATION

FRONT ELEVATION

Dryflow Turboforce

Recommended traffic:

>500 uses a day

riba
product
selector

nssPlus

nss
BIM

High speed, energy efficient and robust

Approx. cost per 1000 dries:

 28p – 64p

Guarantee period:

 5 Years

- A thick 1.5mm, impact resistant polished stainless steel, brushed satin stainless steel and white enamelled finish covers are available.
- This is an extremely fast drying and energy efficient hand dryer, suitable to get people flowing through the washroom quickly with fully dried hands. No user will be left disappointed.
- These are frequently specified in high footfall locations such as shopping centres, airports and fast food chains so suitable for high traffic office buildings.
- Anti-vandal screws and solid back plate make it robust and vandal resistant.
- Its appearance will complement the plushest of washrooms and is highly recognised by its LED triangle and shining blue ray of light on the hands when drying.
- If required, you can reduce the motor speed and disengage the heater element which increases the energy efficiency capabilities of this unit, keeping running costs low.



Dryflow Turboforce

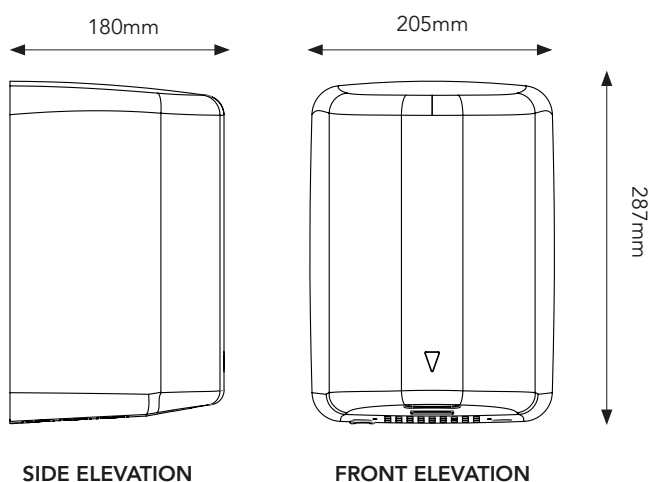
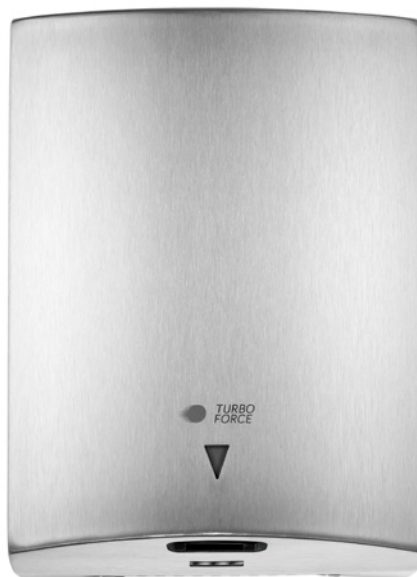
Electrical Supply Voltage	230-240 V
Electrical Supply Frequency	50/60 Hz
Expected Motor Life	3000 Hours
Dry Time Range	10 – 15 Seconds
Rated Power	0.35 – 1.6 kW
Approx. Watt-Hours per Dry	2.33 – 5.33 Wh
Heater Element Power	900 W
Operating Sound Level	77 dB at 1M
Motor Speed	12000 – 18000 RPM
Air Speed	168 – 224 MPH
Operating Temperature Range	Motor Thermal Protection auto resetting at 105°C
Motor Cut off Time	60 Seconds
Motor Class	Class I
Materials	Stainless Steel, Steel
Weight	5.8kg
Finishes Available and Codes	White (TF01) Polished Chrome (TF02) Brushed Satin (TF03)
IP rating	IP23
Cable Entry Point	Rear, with access available from bottom

Online information



Installation summary

- Mounting template provided to position the drill holes correctly
- Drill 4 Holes using an 8mm drill bit to a depth of 35mm
 - The cover of the hand dryer is removed using a supplied Allen key
 - Attach base unit to wall with 4 supplied screws into the drill holes
 - Connect power supply from fuse spur to hand dryer terminal and connect all other electrical requirements
 - Replace the cover and secure via screws using the Allen key



SIDE ELEVATION

FRONT ELEVATION

Dryflow EcoSlim

riba
product
selector

Recommended traffic:

<300 uses a day

Super low energy, slim and quiet

- A solid 1.5mm thick steel and stainless steel cover available in white, brushed satin, polished chrome or black matte finish.
- Extraordinary energy efficiency; this unit can run at just 180W using an adjustable motor speed and ability to turn the heater element off.
- One of the quietest (Quiet Mark approved) yet good performing hand dryers in its class. Benefits include limited noise transfer into noise sensitive areas such as conference rooms and general working areas. Silent-blocks dampen vibrations on the wall at the rear of product.
- It has a 100mm depth making it compliant with ADAAG accessibility requirements. It also means it will fit in the tightest of washrooms without taking up much room.
- The HEPA filter not only stops solid particles, ranging from dust mites to fungi, but also absorbs fumes and mitigates bad odours thanks to an activated carbon filter.
- For added safety the heating element will stop in case of motor failure and the fan scroll incorporates a flame retardant additive (UL 94 V0).
- An optional odour neutraliser can be purchased to add a pleasant fragrance to the washroom. Put to good use in toilets that are prone to unpleasant smells.

Approx. cost per 1000 dries:

 13p – 45p

Guarantee period:

 3 Years



Dryflow EcoSlim

Electrical Supply Voltage	220-240 V
Electrical Supply Frequency	50/60 Hz
Expected Motor Life	2000 Hours
Dry Time Range	15 – 20 seconds (high speed) 20 – 25 seconds (low speed)
Rated Power	0.18 – 0.85 kW
Approx. Watt-Hours per Dry	1.10 – 3.78 Wh
Heater Element Power	500 W
Operating Sound Level	57 – 65dB at 2M
Motor Speed	23000 – 32000 RPM
Air Speed	180 – 249 MPH
Operating Temperature Range	At ambient temp (25°C) – 42°C
Motor Cut off Time	30 Seconds
Motor Class	Class I
Materials	Steel and Stainless Steel
Weight	3.2 kg
Finishes Available and Codes	White (DFES01W) Brushed Satin (DFES02BS) Polished Chrome (on request) Black Matte (on request)
IP rating	IP23 (Protection from a large part of the body such as the hand, from solid objects greater than 50mm in diameter; Protection from sprayed water)
Cable Entry Point	Rear, with access available from bottom

Online information



Lifespan
Calculator



Cost
Calculator

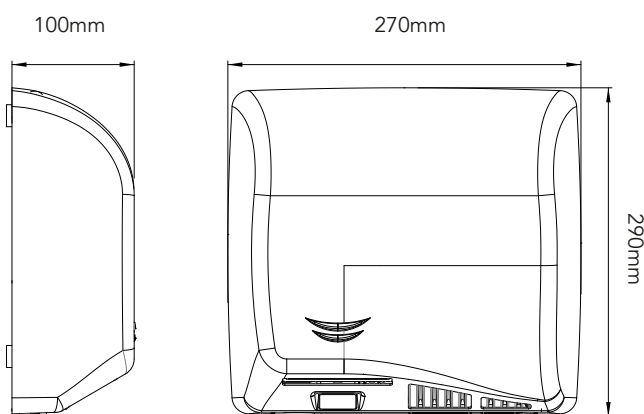


Product
Page

Installation summary

Mounting template provided to position the drill holes correctly

- Mounting template provided to position the drill holes correctly
- The cover of the hand dryer is removed using a supplied Allen key
- Connect power supply from fuse spur to hand dryer terminal and connect all other electrical requirements
- Attach base unit to wall with 4 supplied screws into the drill holes
- Replace the cover and secure via screws using the Allen key



SIDE ELEVATION

FRONT ELEVATION



Dryflow Jetforce Junior

Recommended traffic:

<100 uses a day

riba
product
selector

n55Plus

Budget priced yet high performing dryer

Approx. cost per 1000 dries:

 35p – 86p

Guarantee period:

 2 Years

- Made from strong ABS, this low cost fast drying dual blade style hand dryer produces a 224 mph airflow, delivering sub 15 second dry times.
- A 2-level filter protection system ensures clean air is blown over the hands. The HEPA filter is sterilised by UV lights acting on it at regular periods.
- Has a low noise output with two motor speed settings to reduce noise levels further.
- An intelligent heating system means this unit will be mostly running at just 750W, keeping running costs minimal.
- Uses 75% less energy than conventional dryers and costs 95% less than paper towels.
- A serviceable water collection system ensures floors stay dry.



Dryflow Jetforce Junior

Electrical Supply Voltage	220-240 V
Electrical Supply Frequency	50/60 Hz
Expected Motor Life	1000 Hours
Dry Time Range	10 – 15 Seconds
Rated Power	0.75 – 1.85 kW
Approx. Watt-Hours per Dry	2.92 – 7.19 Wh
Heater Element Power	900 W
Operating Sound Level	70 – 75 dB at 1M
Motor Speed	22000 RPM
Air Speed	224 MPH
Operating Temperature Range	At ambient temp (25°C) – 40°C
Motor Cut off Time	25 Seconds
Motor Class	Class I
Materials	ABS
Weight	7.5 kg
Finishes Available and Codes	White (JJ01)
IP rating	IPX1 (Protection from dripping water)
Cable Entry Point	Rear, with access available from bottom

Online information



Lifespan
Calculator



Cost
Calculator

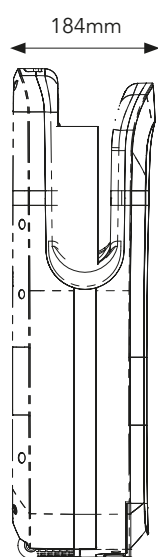


Product
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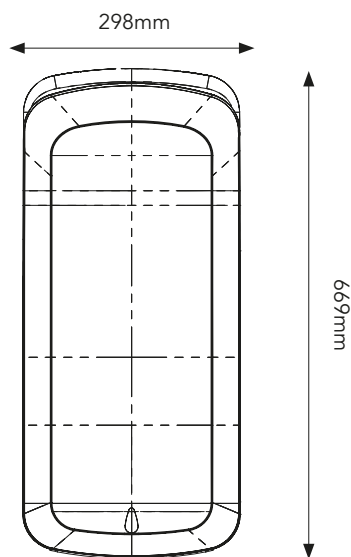
Installation summary

Mounting template provided to position the drill holes correctly

- Metal plate support is screwed to the wall using 6 screws provided
- Connect power supply from fuse spur to hand dryer terminal and connect all other electrical requirements
- Hang the hand dryer onto the metal support
- Remove the water tray and use the 2 screws provided for fixing the appliance completely to the wall
- Replace the water tray back onto the hand dryer



SIDE ELEVATION



FRONT ELEVATION



Dryflow Stealthforce PLUS

Recommended traffic:

<500 uses a day

riba
product
selector

nssPlus

nss
BIM

Beautifully crafted unit, looks fantastic anywhere

Approx. cost per 1000 dries:

 40p – 88p

Guarantee period:

 5 Years

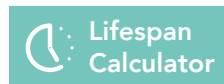
- Made of impact resistant, V0 flame resistant ABS plastic with anti-microbial coating.
- A dual bladed airflow provides rapid drying with water being sent directly into a water collection system.
- A long life is preserved by a digital brushless motor.
- Remains around 50% quieter than most other blade hand dryers, with 2 settings to suit any environment – Quiet Mark approved.
- HEPA filtration means the air intake is filtered of 99.99% of bacteria. The filter is sterilised from microbes, bacteria and moulds by internal UVC technology.
- An intelligent heating system, which can be switched off, keeps running costs low as it will run at 750W most of the time.
- A self-diagnostic function gives information if something goes wrong or if servicing is required.
- An LED counter helps guide how fast to draw up through the airflow and a futuristic “blue dry zone” shows the exact position the hands are being targeted.



Dryflow Stealthforce PLUS

Electrical Supply Voltage	230-240 V
Electrical Supply Frequency	50/60 Hz
Expected Motor Life	2000 Hours
Dry Time Range	15 – 20 Seconds
Rated Power	0.75 – 1.65 kW
Approx. Watt-Hours per Dry	3.33 – 7.33 Wh
Heater Element Power	900 W
Operating Sound Level	70 – 75 dB at 1M
Motor Speed	20000 RPM
Air Speed	213 MPH
Operating Temperature Range	At ambient temp (24°C) – 40°C
Motor Cut off Time	30 Seconds
Motor Class	Class I
Materials	ABS
Weight	9.5 kg
Finishes Available and Codes	Silver (SF03S) White (SF03W)
IP rating	IPX4 (Protection from splashed water)
Cable Entry Point	Rear, with access available from bottom
Certifications and Awards	Quiet Mark

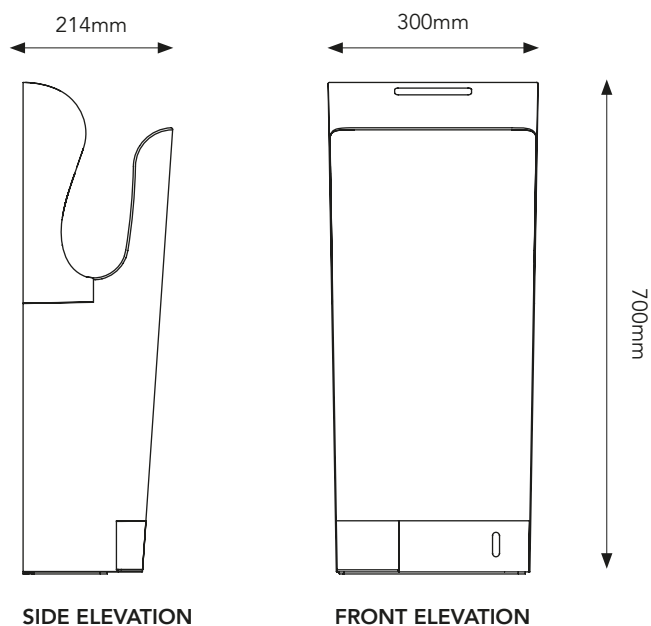
Online information



Installation summary

Mounting template provided to position the drill holes correctly

- Metal plate support is screwed to the wall using 4 screws provided
- Remove the water tank and filter
- Connect power supply from fuse spur to hand dryer terminal and connect all other electrical requirements
- Hang the hand dryer onto the metal support
- Use the 2 screws provided for fixing the appliance completely to the wall
- Replace the water tank and filter back into the hand dryer



Dryflow Tri-Jet

Recommended traffic:

<500 uses a day

riba
product
selector

nbsPlus

nbs
BIM

Exceptional dry times, enhanced hygienic properties

- This European manufactured hand dryer is made of a strong, thick ABS Polymer.
- 3 bladed air outlets are purposefully placed to maximise fast dry time times from two next generation high velocity motors – office washroom traffic will flow quickly and everyone will have fully dried hands in seconds. No user will complain about the performance.
- Water is driven off the hands into an easy to service water tank, ensuring floors and walls stay dry and mess free, maximising health and safety by minimising slipping hazards.
- For added hygiene, Microban antimicrobial protection prevents the growth of bacteria, mould and mildew in water stagnant areas - superior level of germ-free protection than continuous use of disinfectants alone.
- It utilises the high velocity airflow rather than relying on a heater element for rapid drying, maximising energy efficiency and minimising running costs.
- Filtered air makes sure microbes are caught before being blown on the hands. As an optional extra a HEPA Filter H12 can be purchased and installed which has a total retention rate of 99.5% microbes.
- Easy maintenance is brought by an audio and visual alarm system. This alerts you to when the water tank needs emptying and the filter needs cleaning.
- An odour neutraliser can be purchased which helps rid office washrooms of bad smells.

Approx. cost per 1000 dries:

 **65p**

Guarantee period:

 **7 Years**



Dryflow Tri-Jet

Electrical Supply Voltage	220-240 V
Electrical Supply Frequency	50/60 Hz
Expected Motor Life	1500 Hours
Dry Time Range	10 – 15 Seconds
Rated Power	1.76 kW
Approx. Watt-Hours per Dry	5.38 Wh
Heater Element Power	N/A
Operating Sound Level	72dB at 1M
Motor Speed	30000 RPM
Air Speed	211 MPH
Operating Temperature Range	22-25 °C
Motor Cut off Time	25 Seconds
Motor Class	Class II
Materials	ABS Polymer
Weight	9.15kg
Finishes Available and Codes	Silver (DF08S) / White (DF08W)
IP rating	IPX1 (Protection from dripping water)
Cable Entry Point	Rear, with access available from bottom

Online information



Lifespan
Calculator



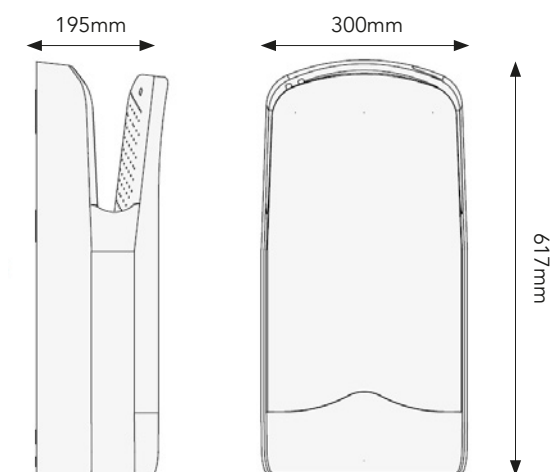
Cost
Calculator



Product
Page

Installation summary

- Mounting template provided to position the drill holes correctly
- Secure the metal wall plate to the wall using the 3 supplied screws
- Remove the cable access door from the side of the unit, this allows easy access to the electric terminal
- Hang the hand dryer body on the metal wall plate.
- Connect power supply from fuse spur to hand dryer terminal and connect all other electrical requirements
- Replace the cable access door and secure by supplied screw
- Remove the water catchment tray from the bottom of the hand dryer and further secure the hand dryer to the wall with the supplied screw
- Replace the water catchment tray



SIDE ELEVATION

FRONT ELEVATION

Dryflow Vapordri

Recommended traffic:

>500 uses a day

riba
product
selector

nbsPlus

nbs
BIM

Fast drying, compact and water vaporising

Approx. cost per 1000 dries:

 **37p – 55p**

Guarantee period:

 **5 Years**

- Solid ABS construction, available in Graphite finish with an attractive modern blue LED lighting down the side of the unit. Air outlets light up when the hand dryer is in use.
- One of the fastest drying hand dryers available, ideal for keeping high traffic washrooms flowing and leaving every user with completely dry hands in seconds.
- Water is directed straight into a water collection system. The unit has a 500ml drainage tank which collects the excess water from hand drying, leaving floors and walls water free. The drainage tank is easily accessible from the bottom of the dryer for quick servicing.
- Extremely compact, a unique small wall footprint for this type of hand dryer makes it suitable for the tightest of washrooms.
- For a high-speed hand dryer, it emits a low noise level - just 65.6db from 2M. Results provided by the Technical University of Valencia.
- An intelligent heating system is a real bonus as it makes sure running costs and energy use are kept low with the unit working most of the time at just 1kW. The heater element is only activated if the washroom temperature drops below 25°C.
- For added hygiene, it includes a large, long lasting H14 HEPA filter removing > 99,5% microbes – easy to access and clean. It is built with antibacterial ABS; the plastic is injected with silver ions which prevents the growth of bacteria, fungi and mould.
- A luminous display system notifies of when the HEPA filter needs changing, when the water tray is full and when the brushes need changing.



Dryflow Vapordri

Electrical Supply Voltage	220-240 V
Electrical Supply Frequency	50/60 Hz
Expected Motor Life	4200 Hours
Dry Time Range	10 – 15 Seconds
Rated Power	1 – 1.5 kW
Approx. Watt-Hours per Dry	3.06 – 4.58 Wh
Heater Element Power	500 W
Operating Sound Level	65dB at 2M
Motor Speed	30000 RPM
Air Speed	335 MPH
Operating Temperature Range	At ambient temp (20°C) – 40°C
Motor Cut off Time	30 Seconds
Motor Class	Class II
Materials	Antibacterial ABS + PC + PBT v0
Weight	7.2 kg
Finishes Available and Codes	Graphite (DFVAP1G)
IP rating	IP21 (Protection against fingers or other object not greater than 80mm in length and 12mm in diameter; Protection from dripping water)
Cable Entry Point	Rear, with access available from bottom

Online information



Lifespan
Calculator



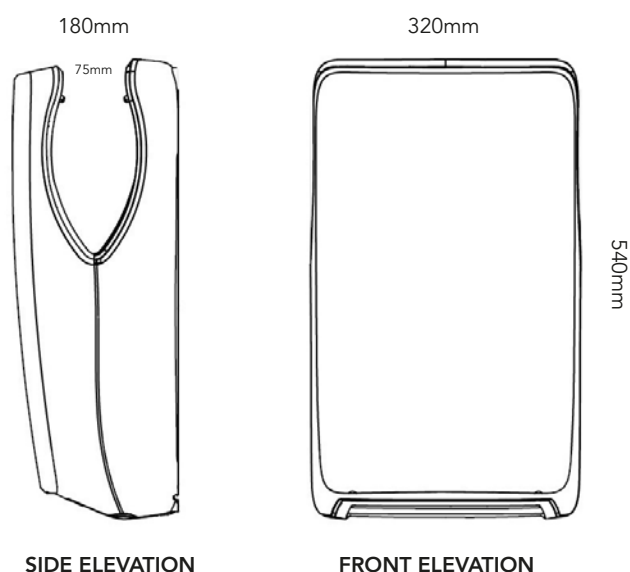
Cost
Calculator



Product
Page

Installation summary

- Metal plate support is screwed to the wall using 3 screws provided. The plate includes bubble level for correct alignment
- Remove the back panel of the hand dryer via its 6 screws
- Connect power supply from fuse spur to hand dryer terminal and connect all other electrical requirements
- Hang the hand dryer onto the metal support
- Use the additional 2 screws provided for fixing the appliance completely to the wall



Dryflow Dri-tap

Recommended traffic:

<300 uses a day

riba
product
selector

nbsPlus

nbs
BIM

A more efficient system of drying

Approx. cost per 1000 dries:

 38p – 77p

Guarantee period:

 2 Years

- Solid chromium nickel stainless steel, with a gradient light at the end of the tap, the Dryflow Dri-tap is a beautifully crafted unit that will complement any washroom design. Available in desk mounted or wall mounted options.
- This system keeps water in the wash basin, floors dry and creates a better experience for the user as they stay in the same location throughout washing and drying. This places less demands on cleaners and creates more space in your washroom.
- Low energy use is a real bonus, keeping running costs minimal and significantly reducing any environmental impact.
- The airflow direction and speed has been carefully configured to ensure that there is no excess splashing or spray created and therefore works with a huge range of sinks.
- The motor speed is adjustable so you can create the right airflow and noise output to suite the sink and washroom ambience you are looking for.
- An automatic intelligent heating system adjusts to the airflow speed ensuring a continuous, comfortable air temperature. There is also the option of removing the heat altogether in high traffic washrooms.
- This product is ideal for retro-fit, installing next to existing water taps, as well as during construction. Opening up the possibility to make virtually every washroom operate more efficiently.
- The intake of air is passed through a filter, removing dust and other particles from the airflow blown on the hands



Dryflow Dri-tap

Electrical Supply Voltage	110-120 / 220-240 V
Electrical Supply Frequency	50/60 Hz
Expected Motor Life	1500 Hours
Dry Time Range	20 – 25 Seconds
Rated Power	0.5 – 1 kW
Approx. Watt-Hours per Dry	3.19 – 6.39 Wh
Heater Element Power	500 W
Operating Sound Level	68.5 – 70.5dB at 1M
Motor Speed	22000 - 29000 RPM
Air Speed	187 – 225 MPH
Operating Temperature Range	At ambient temp (25°C) – 57°C
Motor Cut off Time	60 Seconds
Motor Class	Class I
Materials	Stainless Steel
Weight	5.6 kg
Finishes Available and Codes	Brushed Satin (DFT35DM)
IP rating	IP35 (Protection from entry by tools, wires, etc with a diameter or thickness greater than 1mm; Protection from water projected from a nozzle)
Cable Entry Point	Rear, with access available from bottom

Online information



Lifespan
Calculator



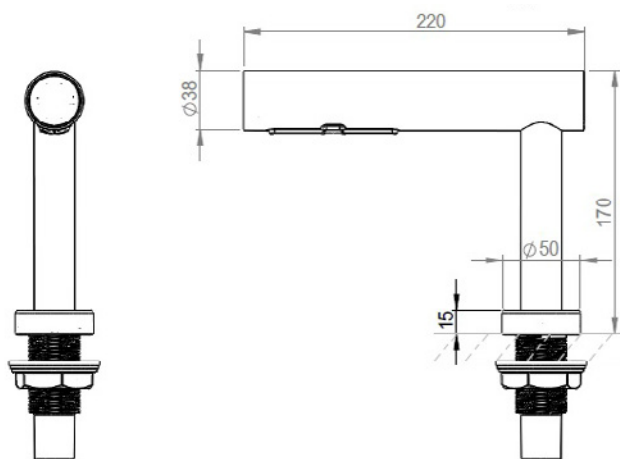
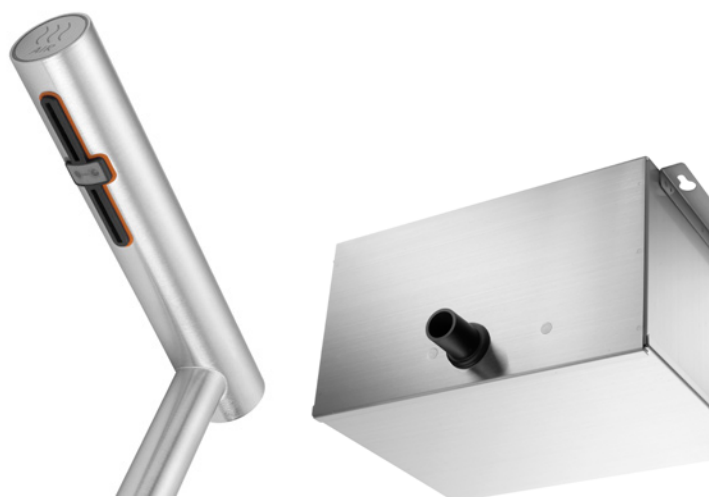
Cost
Calculator



Product
Page

Installation summary

- Drill a hole with a 35mm diameter at the tap location
- Fix the spout to the basin using the supplied washers and screw nuts.
- Mounting template provided to position the hand dryer box and mark the drill holes correctly
- Using an 8mm drill bit, drill the 4 holes required
- Remove the front panel of the hand dryer via its 2 security screws
- Attach base unit to wall with 4 provided screws into the predrilled holes
- Connect power supply from fuse spur to hand dryer terminal and connect all other electrical requirements
- Connect the sensor line to the base unit and protect with the flexible tube
- Replace the cover and secure using the 2 security screws at the bottom of the hand dryer.



FRONT ELEVATION

SIDE ELEVATION



For more information

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