WARNER HOWARD

The Complete Product Brochure



PRClean

Pure filtered air, hygienically dry hands



Key Features :

- Fast dry time of less than 11.4 seconds[1]
- HEPA filters remove 99.9% of bacteria and viruses
- 1100w energy efficient motor
- Full width air slot for fast and effective drying action
- Slim, compact and modern design makes it ideal for restricted space areas
- Secure click-on design for easy install and maintenance
- Strong and durable PC ABS plastic cover

Black and Nickel finishes available

Exclusive to **Warner Howard** the **PR** Clean offers a fast dry time of less than 11.4 seconds[1], and with integral HEPA filters removing 99.9% of bacteria and viruses from the drying air[2], it provides the ultimate hygienic hand drying facility, ideal for any washroom.

Fast Drying

With a fast dry time of less than 11.4 seconds1 the **PR** Clean is ideal for busy washrooms ensuring users hands are dried thoroughly and quickly helping to reduce washroom congestion. The dryer features a full width air slot, delivering 48L of air per second, with a directional LED light source that helps to ensure users hands are optimally positioned for fast and effective drying.

The filtered ambient air has a comfortable warmed feeling due to the motor providing a warming effect, raising the expelled air temperature by approximately 17°C during operation.

Hygienically Clean, Filtered Air

The **PR** Clean contains two High Efficiency Particulate Air (HEPA) filters which remove 99.9% of airborne particulates as small as 0.3 microns from the air that enters the dryer, including viruses, bacteria, mould, pollen, and other allergens. The filters incorporate an antibacterial coating which helps eradicate micro-organisms, ensuring that only hygienically clean air is blown onto users hands.

The outer casing and touchable parts feature an antibacterial additive that prevents the spread of pathogenic germs such as MRSA, E.coli and salmonella. All these factors combine to provide an ultra hygienic level of hand drying, making it ideal for hygiene conscious environments.

Energy Efficient

The 1100w energy efficient motor spins at 40,000rpm creating a fast flowing curtain of air, moving at over 400mph. When not in use the standby power rating is only 0.7w, providing overall an incredibly cost efficient drying solution.

Unique Connect Technology

Connect is an innovative feature which allows the back plate and electrical connection to be installed separately to the main dryer unit. Once installed thedryer is easily, quickly and securely locked onto the back plate.

For refurbishments or new build sites, this allows the back plate and electrical connection to be installed at first fix, and the actual dryer unit to be installed later. It also allows any non-electrically qualified person to exchange in the unlikely event of a failure.

Specifications

Dimensions	Weight	Voltage	Rated Power	Standby power rating	Motor speed	Rating	Finishes
28.2cm x 26cm x 15.2cm	3.2kg	230V 50Hz	1100w0	.7w	40,000 rpmI	P24	White, Black & Nickel

[1] When tested to ETL criteria hands were dried in 11.4 seconds.
HEPA filtration efficient measured during external independent tests (NSF Protocol P335).

Running cost examples

Time & frequency in operation		150	300	500
10 Secs	per day	£0.14	£0.28	£0.46
	per year	£33.00	£66.00	£110.00
15 Secs	per day	£0.21	£0.41	£0.69
	per year	£49.50	£99.00	£165.00
20 Secs	per day	£0.28	£0.55	£0.92
	per year	£66.00	£132.00	£220.00

£'s per kW/H £0.30
Based on 240 working days per year.

PREco

High speed, low energy



The **PR**Eco offers a fast dry time of 11.2 seconds.
This high speed, low energy hand dryer is slim, compact and modern, with class leading design, performance and efficiency. Its secure, click-on design ensures easy install and maintenance, allowing the dryer body to be exchanged by a non-electrically qualified person.

Hygienically Clean
The outer casing and touchable parts feature antimicrobial protection technology an additive that prevents the spread of pathogenic germs such as MRSA, E.coli and salmonella. All these factors combine to provide an ultra-hygienic level of hand drying, making it ideal for hygiene conscious environments.

Key Features :

- High speed dry time of 11.2 seconds
- Curtain of air scrapes water from your hands
- Secure click-on design for easy install and maintenance
- **phs** connect and back plate can be fitted at first fix, allowing dryer body to be fitted by a non-electrically qualified person at a later date
- Hygienic, as touchable parts contain an antimicrobial additive to reduce build-up of bacteria, germs and viruses
- Slim, compact and modern design makes it ideal for restricted space areas
- Automatic operation, infrared eye looking for movement within 18cm from the base of the dryer
- Strong and durable ABS plastic cover with single LED to communicate the dryer is connected to the power supply.

Washroom hygiene

Unique Connect Technology
connect is an innovative feature which allows the back plate and electrical connection to be installed separately to the main dryer unit. Once installed thedryer is easily, quickly and securely locked onto the back plate

For refurbishments or new build sites, this allows the back plate and electrical connection to be installed at first fix, and the actual dryer unit to be installed later. It also allows any non- electrically qualified person to exchange in the unlikely event of a failure.



Specifications

Dimensions	Weight	Operation	Voltage	Rated Power	Standby power rating	Motor speed	Warranty	Rating	Finishes
28.2cm x 26cm x 15.2cm	2.9kg	Automatic	230V/50Hz1	.1kW	0.7W	40,000 rpm3	year	IP24	White, Black & Nickel

Running cost examples

Time & frequency in operation		Uses per day		
		150	300	500
10 Secs	per day	£0.14	£0.28	£0.46
	per year	£33.00	£66.00	£110.00
15 Secs	per day	£0.21	£0.41	£0.69
	per year	£49.50	£99.00	£165.00

Hand dryer Vs. paper towel usage

Time & frequency in operation		Uses per day	
		1000 Uses (Dryer)	1000 Uses (Paper)*
10 Secs	per day	£0.34	£20.00
	per year	£81.26	£7,300
15 Secs	per day	£0.50	
	per year	£121.56	

**£'s per kW/H £0.30*
Assuming 240 days working per year.
150 dries costs less than 8p, the same as 8 paper towelsAssumes 2 paper towels per dry.

MREco

A compact and reliable hand dryer with a quick dry time.



KEY FEATURES

- No touch automatic operation.
- Fast dry time of less than 16 seconds.
- Anti-microbial coating for added hygiene.
- Unique click on system for easy installation and maintenance.
- Slim, compact, and modern design.
- Ultra-strong and durable ABS plastic cover.
- Blue light to indicate the unit is connected to a power source.
- Replaceable air intake filter

Technical specifications	
Dimensions	28.2cm x 26cm x 15.2cm
Weight	2.8kg
Operation	Automatic
Voltage	230V/50HZ
Power rating	600W
Motor speed	40,000 rpm
Rating	IP24
Finishes	White, Black and Nickel

Unique Connect Technology

Connect is an innovative feature which allows the back plate and electrical connection to be installed separately to the main dryer unit. Once installed the dryer quickly and securely locked onto the back plate.

For refurbishments or new build sites, this allows the back plate and electrical connection to be installed at first fix, and the actual dryer unit to be installed later. It also allows any non-electrically qualified person to exchange in the unlikely event of a failure.

SPECIFICATION SHEET

Running cost examples (per dryer / per day)

Time & frequency in operation		Uses per day		
		150	300	500
10 secs	per day	£0.08	£0.15	£0.25
	per year	£18.00	£36.00	£60.00
15 secs	per day	£0.11	£0.23	£0.38
	per year	£27.00	£54.00	£90.00
20 secs	per day	£0.15	£0.30	£0.50
	per year	£36.00	£72.00	£120.00

£'s per kW/H £0.30
Based on 240 working days per year.

MR Warm

Boost user comfort with a reliable warm air dryer.



Perfect for use in restricted spaces. Uses a 600W motor for high speed drying in less than 16 seconds, with an additional 500W heating element.

KEY FEATURES

- Warm air drying for added comfort.
- No touch automatic operation.
- Fast dry time of less than 16 seconds.
- Anti-microbial coating for added hygiene.
- Unique click on system for easy installation and maintenance.
- Slim, compact, and modern design.
- Ultra-strong and durable ABS plastic cover.
- Blue light to indicate the unit is connected to a power source.
- Replaceable air intake filter.

Technical specifications	
Dimensions	28.2cm x 26cm x 15.2cm
Weight	2.8kg
Operation	Automatic
Voltage	230V/50HZ
Power rating	1100W
Motor speed	34,200 rpm
Rating	IP24
Finishes	White

Unique Connect Technology

Connect is an innovative feature which allows the back plate and electrical connection to be installed separately to the main dryer unit. Once installed the dryer quickly and securely locked onto the back plate.

For refurbishments or new build sites, this allows the back plate and electrical connection to be installed at first fix, and the actual dryer unit to be installed later. It also allows any non-electrically qualified person to exchange in the unlikely event of a failure.

SPECIFICATION SHEET

Running cost examples (per dryer / per day)

Time & frequency in operation		Uses per day		
		150	300	500
10 secs	per day	£0.14	£0.28	£0.46
	per year	£51.10	£102.20	£167.90
15 secs	per day	£0.21	£0.41	£0.69
	per year	£76.65	£149.60	£251.85

Assumes cost of electricity £/kW 0.30

AIRFORCE **SLIM**



Available in **Black**, **White**, **Polished** & **Brushed Stainless Steel**

The latest addition to the long established, market leading Airforce family of hand dryers, the all new **AIR**FORCE **SLIM**. Just 100mm deep, warm HEPA filtered drying air for the ultimate hygienic drying comfort, universal motor that operates between 120-277 VAC to make connection as easy as possible, replaceable motor brushes to extend motor life to over 5000 hours, three speed settings, delivering three noise emission levels to ensure the perfect set up is possible for all locations, fast dry time from as low as 12 seconds on high speed, perfect for high traffic areas, four finishes all with antimicrobial coating, black & white with Aluminium covers, polished & brushed stainless steel to fit every washroom environment.

KEY FEATURES

- Automatic operation
- Fast dry time of as low as 12 seconds
- Warm HEPA filtered drying air
- Low cost in use, energy consumption just 450-950W
- Three speeds, high, medium & low
- Three noise emission levels
- Universal motor that operates between 120-277 VAC
- Extra-long brush life, up to 5000 hours with replaceable brushes
- Just 100mm deep
- Anti-microbial coatings
- Metal cover in four finishes

BENEFITS

Space saving

Ultra - hygienic

Lower energy costs

Cover Material	Cover Finish	Dry time	Dimensions (HxWxD)	Weight	Operation	Voltage
Aluminium	White or Black	12 seconds	368 x 311 x 100mm	3.7kg	Automatic	Extends from 120-277v
Stainless Steel	Polished or Brushed		368 x 311 x 100mm	4.4kg		

Airforce®

Airforce is the market leading low energy dryer. Featuring patent-applied technology which uses a high speed motor to force air flow through eleven nozzles, it provides fast dry times, but using a very low power output of just 1.1kW.





Time & frequency in operation		Uses per day		
		150	300	500
	per day	£0.14	£0.28	£0.46
10 secs	per year	£33.00	£66.00	£110.00
	per day	£0.21	£0.41	£0.69
15 secs	per year	£49.50	£99.00	£165.00
	per day	£0.28	£0.55	£0.92
20 secs	per year	£66.00	£132.00	£220.00

Technical Specifications

Electrical rating:	1.1kW / 4.8A / 240V / 50Hz
Standby power rating:	0.2W
Motor speed:	37,000 rpm
Dimensions (mm)	230 x 270 x 156 (WxHxD)
Rating:	IP24
Weight:	3.2kg
Finishes:	White, Polished Chrome, Brushed Chrome, Black

Key features :

Up to 98% cheaper when compared to the costs associated with paper towels

SteriTouch® antibacterial protection to help prevent the spread of bacteria, killing 99.99% of germs including MRSA and E.coli

Very fast dry time

Automatic ‘no touch’ operation

Lightweight - just 3.2kg

Available in white, polished chrome, brushed chrome & black finishes

Replaceable, washable air filter reduces fluff and debris entering the motor

SMARTdri Plus™

SMARTdri Plus offers a unique drying solution, enabling the user to select from three different power outputs and features an optional heating element. This offers a drying solution which can be customised with excellent energy savings.



Key features :

- 5 year on-site warranty
- Choice of energy output - 425W, 600W or 850W as the heating element can be turned on or off
- Replaceable, washable air filter reduces fluff and debris entering the motor
- Fast dry time
- Automatic 'no touch' operation
- SteriTouch® antibacterial protection to help prevent the spread of bacteria, killing 99.99% of germs including MRSA and E.coli
- Available in white or stainless steel finishes

Technical Specifications	
Electrical rating:	425w - 1250kW / 5.2A / 240V / 50Hz
Standby power rating:	12,000rpm
Dimensions (mm)	236 x 319 x 192 (WxHxD)
Rating:	IP24
Weight:	5.2kg
Finishes:	White, stainless steel

Washroom hygiene

SMARTdri (High speed, heat on)Running cost examples (per dryer / per day)

Time & frequency in operation		Uses per day		
		150	300	500
10 secs	per day	£0.15	£0.30	£0.50
	per year	£36.00	£72.00	£120.00
15 secs	per day	£0.23	£0.45	£0.75
	per year	£54.00	£108.00	£180.00
20 secs	per day	£0.30	£0.60	£1.00
	per year	£72.00	£144.00	£240.00

Assumes cost of electricity £'s per kW/H £0.30

SMARTdri (High speed, no heat) Running cost examples (per dryer / per day)

Time & frequency in operation		Uses per day		
		150	300	500
10 secs	per day	£0.10	£0.20	£0.33
	per year	£24.00	£48.00	£80.00
15 secs	per day	£0.15	£0.30	£0.50
	per year	£36.00	£72.00	£120.00
20 secs	per day	£0.20	£0.40	£0.67
	per year	£48.00	£96.00	£160.00

EL Eco

Entry level ultra–low energy



The **EL** Eco offers a great value for money, ultra low energy hand dryer, and with its lightweight yet durable construction is ideal for any washroom environment.

Key features :

- Ultra low energy 600W rating
- Stylish and slimline
- Very lightweight at just 2.3kg, it's ideal for partition walls
- Cool air, perfect for warmer washrooms
- Hygienic, as touchable parts coated in antimicrobial additive to reduce build-up of bacteria, germs and viruses
- Durable ABS plastic construction
- Fast dry time of 16 seconds

Specifications

Electrical rating	Standby power rating	Motor speed	Dimensions (mm)	Warranty	Rating	Weight	Finishes
0.6kW / 2.2A / 230V / 50Hz	0.7W	40,000 rpm	221 x 268 x 149 (WxHxD)	2 year replacement	IP22	2.3kg	White, Black & Nickel

Product codes: White **091183PR**

Running cost examples (per dryer / per day)

Time & frequency in operation		Uses per day		
		150	300	500
10 secs	per day	£0.08	£0.15	£0.25
	per year	£18.00	£36.00	£60.00
15 secs	per day	£0.11	£0.23	£0.38
	per year	£27.00	£54.00	£90.00
20 secs	per day	£0.15	£0.30	£0.50
	per year	£36.00	£72.00	£120.00

£'s per kW/H £0.30
Based on 240 working days per year.

EL Warm

Entry level low energy



The **EL** Warm is a high speed, low energy, warm air hand dryer which offers great value for money. Its lightweight yet durable construction is ideal for any washroom environment.

Key features :

- Low energy 1100W rating
- Stylish and slimline
- Very lightweight at just 2.3kg, it's ideal for partition walls
- Warm air, perfect for cooler washrooms
- Hygienic, as touchable parts coated in antimicrobial additive to reduce buildup of bacteria, germs and viruses
- Durable ABS plastic construction
- Fast dry time of 16.1 seconds

Specifications

Electrical rating	Standby power rating	Motor speed	Dimensions (mm)	Rating	Weight	Warranty	Finishes
1.1kW / 4.8A / 230V / 50Hz	0.7W	40,000 rpm	221 x 268 x 149 (WxHxD)	IP22	2.3kg	2 year off-site warranty	White, Black & Nickel

Product codes: White **091227PR**

Washroom hygiene

Running cost examples

Time & frequency in operation		150	300	500
10 Secs	per day	£0.14	£0.28	£0.46
	per year	£33.00	£66.00	£110.00
15 Secs	per day	£0.21	£0.41	£0.69
	per year	£49.50£	99.00£	165.00
20 Secs	per day	£0.28	£0.55	£0.92
	per year	£66.00	£132.00	£220.00

£'s per kW/H £0.30
Based on 240 working days per year.

Hand dryer services

phs Whisper XL

Hands-In drying technology with water capture

The noise of a hand dryer can be distracting, especially in quiet environments such as offices, restaurants or hotels. The **Whisper** XL hand dryer not only dries hands quickly, but quietly as well. Developed from fluid control technology,sound causing turbulence has been decreased.

NSF* certified, these hand dryers are slim, durable and powerful, and suitable for a variety of washroom locations. Ideal for schools, the ultra-quiet operation includes a child-friendly design, with sensors placed inside the drying area to detect small hands entering from the sides.



* NSF International, an independent third-party public safety health and standards organisation, has certified **WHISPER** XL to be compliant to its rigorous requirements (NSF/ANSI 169).

**2 measurements made in anechoic chamber at a distance of 2m.

Key features :

- Ultra-quiet operation, running at 56dB (operating at standard speed)**
- 4 variant installation options.
- Available in white, black and nickel.
- Adult and child sensors to make easy to use by all.
- Reinforced front and back panels.
- Easy access antimicrobial air filter and drain duct.
- Fully serviced – **phs** will fully install and annually service the dryer ensuring it is always ready for use, even in the busiest of locations.

Benefits :

- Eco friendly, with low running costs – 5000 dries for as little as £1.
- Enhanced Capital Allowance (ECA) compliant.
- Certified by NSF International.
- Drain tank to keep floors dry, tidy and safe.
- Large drying area, so easier to avoid accidentally touching the unit.

	Power supply	Mode	Heater	Drying time* (sec)	Power consumption (W)	Noise** (dB)	Motor type	Hygienic features	External dimensions (mm)	Weight (kg)
WHISPER XL	240V	High	On	9-11	1240	59	Brushless DC	• Antibacterial surfaces • NSF certification • Alchohol-cleanable	Width: 300 Depth: 219 Height: 670	11
			Off	11-13	720					
		Standard	On	11-13	1070	56				
			Off	12-14	550					

AIRSTREAM CLEAN

Improves air quality by safely removing germs, allergens, and unwanted odours from interior air.

phs Warner Howard

A compact easy installation unit.

The air-purifying unit is a solution that enhances the quality of your entire facility by filtering out airbourne viruses, odours and removing harmful germs, allergens and other irritants from the air. It is an ideal air purifier for washrooms.

The carbon filter tackles washroom odours which then allows your air fragrancing unit to reach its max potential. The HEPA filtration helps to remove airbourne virus particles not just COVID19.



KEY FEATURES

- Highly effective hybrid (HEPA and carbon) filtration
- Unit is compact and wall-mounted to seemlessly integrate into any environment
- Easy installation
- Low power/low cost
- Movement detectors tailor to the air flow speed to suit room occupancy.

Fan Speed	Watts	rpm	Db(A)	Time on (Hrs)	Cost (£/day)
High	45	1160	58	6	£0.08
Med	34	850	45	6	£0.06
Low	26	565	40	12	£0.10
Power Cost (p/kWhr)	30			Total	£0.24

The Benefits of Clean Interior Air

- Reduces absenteeism from allergies, asthmas, colds and flu.
- Creates a positive and health-focused environment for building users to enjoy.
- Improves productivity while improving perceptions of your premises.

Movement detectors for efficient air cleaning

The **AIR**STREAM **CLEAN** uses movement detectors to filter occupied rooms on maximum power (180 M³/Hr).

If a room is unoccupied for 30 minutes, the air flow reduces to medium power **(130 M³/Hr)**. If no movement detected is for 2 hours, the air flow reduces to minimum power **(85 M³/Hr)**

Technical Data	
Effective Area	15 - 25 (m²)
Filter Volume	3500 cc
Power	45 W
Air Flow	3 fan speeds; 85, 130, 180 (m³/Hr)

Product Dimensions (HxWxD)	
Unit	288 x 436 x 185 mm
Filter	350 x 200 x 50 mm
Installation	Wall Mounted
Weight	3.9kg

Dryer Comparison & Compatability Chart 2025

	Click-on, Click-off, Fit & Forget					High Speed Low Energy with Hepa		
	PR Clean	**PR** Eco	**MR** Quiet	**MR** Nano	**MR** Eco/ **MR** Warm	**PR** Clean	**MR** Nano	Airforce Slim
Energy efficient with Low running costs	●	●	●		●	●	●	●
HEPA filtered clean air drying	●			●		●	●	●
High Usage	●	●	●	●	●	●	●	●
Medium usage	●	●	●	●	●	●	●	●
Low usage	●		●	●	●	●	●	●
Perfect for offices	●	●	●	●	●	●	●	●
Perfect for Education	●	●	●	●	●	●	●	●
Vandal resistant	●	●	●	●	●	●	●	●
Perfect for cool washroom environments			●	●	● **MR** Warm		●	●
Perfect for warm washroom environments	●	●	●	●	● **MR** Eco	●	●	●
Operation	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
kW rating	1.1	1.1	0.9	0.9	0.6/1.1	1.1	0.9	0.95 (Variable)
Warranty (Years)	4	4	3	3	3	4	3	5
On-site warranty	N/A	N/A	N/A	N/A	N/A	N/A	N/A	●

Dryer Comparison & Compatability Chart 2025

	High Speed Low Energy			Hands-in dryers
	Airforce	SMARTdri	**EL** Eco **EL** Warm	Whisper XL
Energy efficient with Low running costs	●	●	●	●
HEPA filtered clean air drying				
High Usage	●	●	●	●
Medium usage	●	●	●	●
Low usage	●	●	●	●
Perfect for offices	●	●	●	●
Perfect for Education	●	●	●	●
Vandal resistant	●	●	●	●
Perfect for cool washroom environments		● **EL** Warm	●	●
Perfect for warm washroom environments	●	● **EL** Eco	●	●
Operation	Auto	Auto	Auto	Auto
kW rating	1.1	1.2 (Variable)	0.6/1.1	1.2 (Variable)
Warranty (Years)	3	5	2	5
On-site warranty	●	●	N/A	N/A

Dryer Specs 2025

	Warm heated air	Cool Air	Modern Design	Contemporary Design	Hands only	Fast Dry Speed	Aluminium cover	Steel cover	ABS Plastic cover	Polished metal finish	Brushed metal finish	White finish
SM Warm	●		●		●	●			●			●
EL Eco		●	●		●	●			●			●
EL Warm	●		●		●	●			●			●
MR Eco		●	●		●	●			●			●
MR Warm	●		●		●	●			●			●
MR Nano	●		●		●	●			●			●
MR Quiet	●		●		●	●			●			●
PR Eco		●	●		●	● Very Fast			●			●
PR Clean		●	●		●	● Very Fast			●			●
Airforce		●	●		●	●	●			●	●	●
Airforce Slim	●		●		●	●	●	●		●	●	●
SMARTdri Plus	●	●		●	●	●	●	●		●		●

Dryer Specs February 2023

	Nickel finish	Black finish	Low Running Cost	Sound Level	Price Point	Blade/Slot/Hole	Click on Click off Plug & Play	High volume usage	Medium volume usage	HEPA Filter	Variable speed	Replacement warranty (years)
SM Warm			●	Medium 82dB	Lowest	Blade			●			2
EL Eco	●	●	● Very low	Medium 79dB	Low	Slot		●	●			2
EL Warm	●	●	●	Medium 79dB	Low	Slot		●	●			2
MR Eco	●		● Very low	Quiet 75dB	Mid	Blade	●	●	●			3
MR Warm	●		●	Quiet 75dB	Mid	Blade	●	●	●			3
MR Nano	●	●	●	Medium 80dB	Mid	Blade	●	●	●	●		3
MR Quiet	●	●	●	Quiet 69dB	Premium	Blade	●	●	●			3
PR Eco	●	●	●	Medium 80dB	Premium	Blade	●	●				4
PR Clean		●	●	Medium 80dB	Premium	Blade	●	●		●		4
Airforce		●	●	Medium 84dB	Premium	Multi Hole		●				3
Airforce Slim		●	●	Medium 84dB	Premium	Single Hole		●		●	●	5
SMARTdri Plus			●	Medium 85dB	Premium	Single Hole		●			●	5

WARNER HOWARD

For further information please contact us on:

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