



INTELLIGENT FACILITY SOLUTIONS

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HAND DRYERS

designed to care your hands



La Place Ronde, La Défense, Paris, France





📍 Liverpool Station, Liverpool, United Kingdom

NEW
GENERATION
HAND DRYERS

GREEN-SUSTAINABLE
HIGH TRAFFIC
HIGH SPEED
ENERGY SAVINGS



10-15
seconds

dualflow® plus
machflow® plus
machflow®
speedflow® plus
speedflow®

TRADITIONAL
HAND DRYERS

HIGH TRAFFIC
HIGH DURABILITY
LOW NOISE



20-29
seconds

saniflow®
mediflow®

TRADITIONAL
HAND DRYERS

MEDIUM / LOW TRAFFIC
LOW NOISE
MOST AFFORDABLE



30-40
seconds

optima
juniorplus
smartflow®

OUR HAND DRYER RANGE

Simply functional

About 50 years ago, the first revolution in public toilet facilities took place throughout the world, with the appearance of the first hot air hand dryers. A new system for hand drying appeared and, thanks to its many advantages compared with other hand drying methods at that time, it slowly became more popular and familiar. Nowadays, you rarely see a public toilet without a hand dryer.

Now we can talk about a second wave of hand dryer innovation. The hot air hand dryer concept evolved and a new concept was born: the high speed, energy efficient, hand dryer.

Thus, the traditional hot air hand dryers were complemented by a new line of hand dryers that achieved drastically reduced drying times, operational costs and CO₂ emissions to the atmosphere. For this reason, we also call them eco-fast hand dryers.

THE ADVANTAGE OF HIGH SPEED

High speed dryers have become the market benchmark for hand drying solutions. With faster drying than traditional models, these machines achieve a high level of user satisfaction. They are extremely efficient as regards energy consumption, achieve a

significant reduction in operational costs, improve the sustainability performance of the building and reduce CO₂ emission levels to the atmosphere.

THE ADVANTAGES OF TRADITIONAL MACHINES

Traditional hand dryers (hot air hand dryers) are the perfect option for locations where a low noise level is required, such as libraries, theatres, cinemas, etc. and also in places where there may be vandalism. In the last case, the robustness and durability of these dryers is ideal.

These hand dryers continue to be, therefore, a good solution in many cases, so Mediclinics also offers one of the best ranges of this type of hand dryer on the market.

OUR RANGE

Currently, Mediclinics, as a result of its continuous innovation, has 3 hand dryer ranges divided into 8 families. These are available in different finishes and performance levels, which means we offer a wide range of solutions for hand drying, whether from a more traditional perspective or through an eco-fast perspective.



ECO-FAST RANGE

Energy savings, ultra-fast drying times, cleanliness, caring for the environment and maintenance free are the most important features of our Eco-Fast hand dryers.

ENERGY SAVINGS

The new technologies applied to these hand dryers mean that they consume much less. Reduction in energy consumption varies between 80 and 90%, compared to other traditional dryers.

ULTRA-FAST DRYING TIME

The usual drying time of conventional machines is over 30 seconds, so the DUALFLOW PLUS, MACHFLOW PLUS and SPEEDFLOW PLUS families are four times faster (8-15 seconds). They are unquestionably some of the fastest hand dryers on the market.

CLEANLINESS

"Ion Hygienic" technology, HEPA filter media and the antimicrobial protection Biocote® make the Eco-Fast range one of the cleanest family of hand dryers on the market.

- "Ion Hygienic" technology is based on an air ionizer that cleans and purifies the air. It uses anions (particles with negative electrical charge) to remove dust, bacteria, or other allergens from the air so that it's healthier and purer.
- The HEPA filter media filters out solid particles in suspension and notably improves the air quality. The filter traps most of the micro-particles in the air, such as pollen, dust mites, mold, tobacco smoke and even virus and bacteria. Thanks to its high filtering efficiency, the presence of allergens and particles in the bathroom air is notably reduced, improving the air purity.



- Biocote® technology is an additive incorporated at the time of manufacture of the machine's components that are in direct contact with the water and provides continuous antimicrobial protection. The active ingredient on the surface of a material treated with a Biocote® additive attaches to the microbes that come into direct contact with the machine's surface, it then attacks and inhibits their reproductive function. On not being able to reproduce, the microbes gradually die off and disappear from the surface of the hand dryer.

CARING FOR THE ENVIRONMENT

The CO₂ emission level of a traditional hand dryer is approximately 4.5 g CO₂/drying cycle. The CO₂ emission levels of a Dualflow Plus, Machflow Plus or a Speedflow Plus are approximately 0.8 g CO₂/drying cycle. They are surely the lowest CO₂ emission levels on the market.

Our "Blue Angel" certification, an environmental label awarded by the German Federal Government for the

protection of people and the environment, proves that our Eco-Fast range of hand dryers take care of the environment. It assures these hand dryers consume little energy, obtain high drying indices in a short time, are robust, safe and are designed with recyclable materials and do not contain materials that could damage the environment or people.

MAINTENANCE FREE

The inclusion of brushless motors into the Eco-Fast range empowers the long life of these hand dryers and makes them maintenance free at the same time. Brushless motors are also popularly known as "Maintenance free motors" because there are no motor brushes to replace and for that reason they almost do not require maintenance.

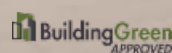
The brushless motors are incredibly energy efficient, so hands are dried faster and cheaper. Another benefit of a brushless motor is there is the little level of noise when in operation, which can be a problem with other high-speed hand driers.



DUALFLOW PLUS

A new generation hand dryer, ultra-fast, powerful, efficient, maintenance free and with an elegant design

- Ultra-fast drying speed (8-15 seconds)
- Low energy consumption (1.8 - 4.2 W/h per drying cycle)
- Extremely durable brushless motor that empowers a maintenance free hand dryer (only M24A/B/CS models)
- Very low CO₂ emissions level
- Very low noise level in its category (62-72 dBA)
- Adjustable motor speed with a potentiometer
- Air filtration with an HEPA filter media
- Ionizer that helps to clean and purify the air (optional)
- Removable water tank for cleaning and disinfection
- Optionally it can be connected directly to the waste pipe
- BioCote protected. Inhibits the growth of bacteria that cause bad smells and stains
- Switch for turning the heating element on and off easily



DUALFLOW PLUS

a handdryer for a new generation

Dualflow Plus M24 is probably the most eco friendly "hands-in" type of dryer on the market. Stylish designed for safe, fast and economical use in all washrooms with high or low traffic volume. Dualflow plus offers great features at a competitive price.

dries hands
in 10-15
seconds



BIOCOTE

Antimicrobial technology is embedded to protect surfaces on the dryer in contact with the water



Brushless motor

Empowers a maintenance free hand dryer



Luminous frontal leds

For a quick diagnosis of the hand dryer status



Ionizer

Helps to clean and purify the air



Water collector

Avoids water being spilled on the floor



Variable speed

Energy consumption, noise level and drying time are adjustable



Heating element

For maximum comfort



Drainpipe connection

First hand dryer directly connected to the drainpipe (Optional)



Heating element ON/OFF switch

Option to turn on/off the heating element



HEPA filter media

Cleans the air stopping the particles of dirt, dust, bacteria, pollen, etc. Clean and fresh air.



Removable water tank

With external valve for easy emptying



Air-freshener tablet

For a clean and fresh washroom (Optional)



Over **73%** saving
in energy consumption
compared to equivalent dryers

COMPARATIVE CONSUMPTION - SAVING

dualflow plus vs similar "Hands-in" hand dryers from other brands

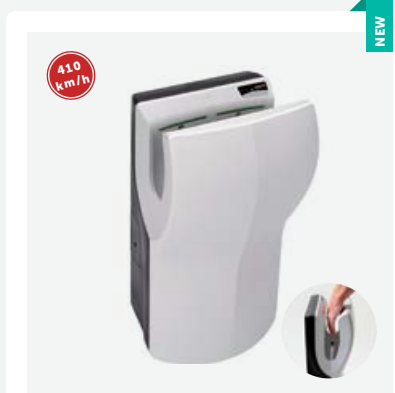
	Wattage	Consumption €/Minute*	Consumption €/Hour*	Economical saving Dualflow® Plus vs competitors %
Other U-shape dryer	1600	0.004	0.251	73.71 %
Asian "hands-in"	1750	0.005	0.274	75.71 %
Dualflow® plus dryer	420	0.001	0.066	

*Calculation basis 0.156674 eur/Kwh (VAT and taxes not included)



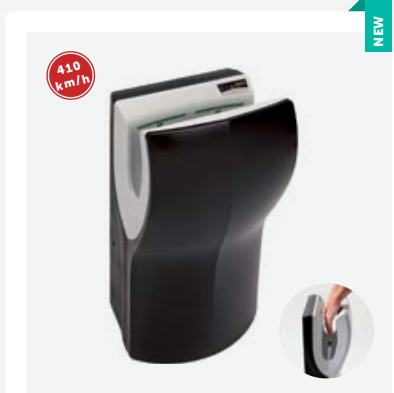
HAND DRYERS dualflow[®]plus

sensor operated



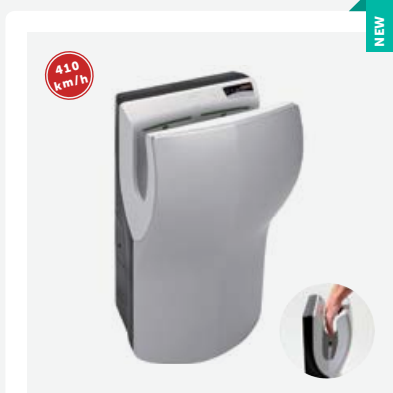
M24A

material: ABS
finish: white



M24AB

material: ABS
finish: black



M24ACS

material: ABS
finish: satin



M24A · M24AB · M24ACS COMPONENTS AND MATERIALS

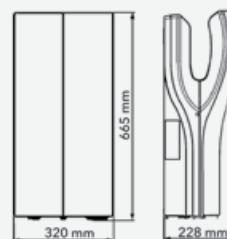
- Water collection area with no-splash design, which prevents the residual water from drying hands to end up on the floor, thus keeping it dry and preventing slipping hazard
- High impact ABS cover 3 mm thick.
- Extremely durable high-speed Class F brushless motor with adjustable power, allowing electricity consumption and sound pressure to be regulated.
- Universal voltage. It works indistinctly at electrical voltages of 100-120 V or 220-240 V.
- Minimum heating element (only 200W) with "ON/OFF" switch.
- IR sensors in both sides for automatic hands detection.
- Cartridge containing a HEPA filter media that filters out most of the micro-particles contained in the air, such as pollen, dust mites, tobacco smoke and even bacteria, helping to improve the air quality.
- Optionally, Dualflow Plus can assembly an ionizer ("Ion Hygienic" technology) that purifies the air, eliminating most of the particles and germs transported by the air, making it healthier and purer.
- Proven antimicrobial and antibacterial protection using silver ion technology from Biocote[®], providing a total antimicrobial solution.
- An optional odor neutralizer for a cleaner and more pleasant atmosphere in the bathroom is available (Ref. RCPOM14).
- Frontal LEDs showing the status of the hand dryer for a quick device diagnosis. Includes an acoustic and optical warning of full water tank.
- Inner removable tank, with external valve for easy emptying, to collect the residual water from the hands drying.
- Optionally, and by means of a kit for the connection to the waste pipe, code KITDESM14A, the dualflow plus can be connected directly to the waste pipe.

HAND DRYER CODES

Cover material	Cover finish	With ionizer	With connection waste pipe	With connection waste pipe and ionizer
ABS	White	M24A-I	M24A-DES	M24A-DES-I
ABS	Black	M24AB-I	M24AB-DES	M24AB-DES-I
ABS	Satin	M24ACS-I	M24ACS-DES	M24ACS-DES-I

M24A · M24AB · M24ACS TECHNICAL SPECIFICATIONS

Voltage	110 - 120V / 220 - 240V	Weight	8.5Kg
Frequency	50/60Hz	Cover thickness	3mm
Electrical isolation	Class I	Drying time	8-15sec
Total power	250 - 1,100W	Air velocity	234 - 410Km/h
Consumption	1.3 - 4.8A	Air temperature (10 cm distance/21°C)	38°C
Motor power	900W	Sound pressure (at 2m)	62 - 72dBA
Rpm	17,600 - 27,600	Protection rating	IPX4
Heating element power	200W or 0W (ON/OFF switch)		



HAND DRYERS dualflow[®]plus

sensor operated



NEW FEATURES



M14A

material: **ABS**
finish: **white**

ALSO AVAILABLE IN BLUE ANGEL VERSION





NEW FEATURES



M14AB

material: **ABS**
finish: **black**

ALSO AVAILABLE IN BLUE ANGEL VERSION





NEW FEATURES



M14ACS

material: **ABS**
finish: **satin**

ALSO AVAILABLE IN BLUE ANGEL VERSION





M14A · M14AB · M14ACS COMPONENTS AND MATERIALS

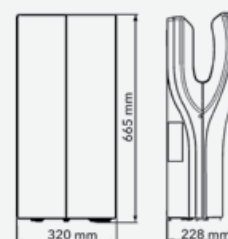
- Water collection area with no-splash design, which prevents the residual water from drying hands to end up on the floor, thus keeping it dry and preventing slipping hazard.
- High impact ABS cover.
- High-speed Class F universal brush motor with adjustable power, allowing electricity consumption and sound pressure to be regulated.
- Minimum heating element (only 400W) with "ON/OFF" switch.
- IR sensors in both sides for automatic hands detection.
- Cartridge containing a HEPA filter media that filters out most of the micro-particles contained in the air, such as pollen, dust mites, tobacco smoke and even bacteria, helping to improve the air quality.
- Optionally, Dualflow Plus can assembly an ionizer ("Ion Hygienic" technology) that purifies the air through particles with negative electrical charge (anions), eliminating most of the particles and germs transported by the air, making it healthier and purer.
- Proven antimicrobial and antibacterial protection using silver ion technology from Biocote[®], providing a total antimicrobial solution.
- An optional odor neutralizer for a cleaner and more pleasant atmosphere in the bathroom is available (Ref. RCPOM14).
- Frontal LEDs showing the status of the hand dryer for a quick device diagnosis. Includes an acoustic and optical warning of full water tank.
- Inner removable tank, with external valve for easy emptying, to collect the residual water from the hands drying.
- Optionally, and by means of a kit for the connection to the waste pipe, code KITDESM14A, the dualflow plus can be connected directly to the waste pipe.

HAND DRYER CODES

Cover material	Cover finish	With Ionizer	With connection waste pipe	With connection waste pipe and Ionizer
ABS	White	M14A-I	M14A-DES	M14A-DES-I
ABS	Black	M14AB-I	M14AB-DES	M14AB-DES-I
ABS	Satin	M14ACS-I	M14ACS-DES	M14ACS-DES-I

M14A · M14AB · M14ACS TECHNICAL SPECIFICATIONS

Voltage	220 - 240V	Weight	8.3Kg
Frequency	50/60Hz	Cover thickness	3mm
Electrical isolation	Class I	Drying time	8-15sec
Total power	420 - 1,500W	Air velocity	234 - 410Km/h
Consumption	3.2 - 6.4A	Air temperature (10 cm distance/23°C)	40°C
Motor power	420 - 1,100W	Sound pressure (at 2m)	62 - 72dBA
Rpm	19,000 - 30,000	Protection rating	IPX4
Heating element power	400W or 0W (ON/OFF switch)		





MACHFLOW PLUS

Technology, robustness, compact design and quality at the service of hand drying

- Ultra-fast drying speed (10-15 seconds)
- Low energy consumption (1.8-4.2 W/h per drying cycle)
- Very low CO₂ emissions level to the atmosphere
- Low noise pollution (67-74dBA)
- Extremely durable brushless motor that empowers a maintenance free hand dryer (only M19A/B/C/CS models)
- Adjustable motor speed with a potentiometer
- Air filtration with an HEPA filter media (optional)
- Ionizer that helps to clean and purify the air (optional)
- Switch for turning the heating element on and off easily
- Fast install-uninstall technology to the wall (optional)
- Solid and compact



MACHFLOW PLUS

pure strenght

Fast, tough, smart and most energy efficient eco high-speed hand dryer fully adjustable to individual needs.

Designer for saving money and time in hand drying.

*dries hands
in 10-15
seconds*



Brushless motor

Empowers a maintenance free hand dryer



Heating element

For a maximum comfort



HEPA filter media

Cleans the air stopping the particles of dirt, dust, bacteria, pollen, etc. Clean and fresh air.



Air-freshener tablet.

For a clean and fresh washroom (Optional)



Silentblocks

In the base plate to cushion mechanical vibrations



Heating element ON/OFF switch

Option to turn ON/OFF the heating element



The machflow® Plug-in technology is an easy, practical, fast and secure system to install and uninstall the hand dryer (optional)



Variable speed

Energy consumption, noise level and drying time are adjustable



Ionizer

Helps to clean and purify the air



Hands distance detection

Electronic infrared detection sensor adjustable by means of a potentiometer



White



Black



Bright



Satin

**available
in four
finishes**



HAND DRYERS machflow® plus

sensor operated



M19A

material: **steel**
finish: **white epoxy**



M19AB

material: **steel**
finish: **matte black epoxy**



M19AC

material: **AISI 304 stainless steel**
finish: **bright**



M19ACS

material: **AISI 304 stainless steel**
finish: **satin**



M19A · M19AB · M19AC · M19ACS COMPONENTS AND MATERIALS

- Maximum air velocity: 340 Km/h.
- One-piece weld-free cover.
- Base plate includes silent-blocks to cushion mechanical vibrations.
- Extremely durable high-speed Class F brushless motor with adjustable power, allowing electricity consumption and sound pressure to be regulated.
- Universal voltage. It works indistinctly at electrical voltages of 100-120 V or 220-240 V.
- Minimum heating element (only 200W) with "ON/OFF" switch.
- Disconnects automatically after 60 seconds of continuous use.
- Electronic infrared detection sensor. Detection distance adjustable by potentiometer (5 - 25 cm).
- Ready to fit with plug-in kit (see page 35).
- Cartridge containing a HEPA filter media that filters out most of the micro-particles contained in the air, such as pollen, dust mites, tobacco smoke and even bacteria, helping to improve the air quality (OPTIONAL).
- Optionally, Machflow Plus can assembly an ionizer ("Ion Hygienic" technology) that purifies the air, eliminating most of the particles and germs transported by the air, making it healthier and purer.
- An optional odor neutralizer for a cleaner and more pleasant atmosphere in the bathroom is available (Ref. RCPOM14).

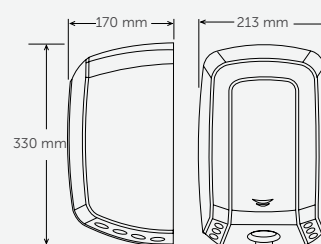
HAND DRYER CODES

Cover material	Cover finish	With HEPA filter medium	With HEPA filter medium and ionizer
Steel	White	M19A-FIL	M19A-I
Steel	Black	M19AB-FIL	M19AB-I
Stainless steel	Bright	M19AC-FIL	M19ACS-I
Stainless steel	Satin	M19ACS-FIL	M19ACS-I

M19A · M19AB · M19AC · M19ACS TECHNICAL SPECIFICATIONS

Voltage	100 - 120V / 220 - 240 V
Frequency	50 / 60 Hz
Electrical isolation	Class I
Total power	250 - 1,100 W
Consumption	1.3 - 4.8 A
Motor power	900 W
r.p.m.	17,600 - 27,600
Heating element power	200 W or 0 W (ON / OFF switch)

Weight	5.5 Kg
Cover thickness	1.5 mm
Drying time	10 - 15 sec
Air velocity	220 - 340 Km/h
Air temperature (10 cm distance / 23°C)	42°C
Sound pressure (at 2m)	67 - 74 dBA
Protection rating	IP23



HAND DRYERS machflow®

sensor operated



M09A

material: **steel**
finish: **white epoxy**

325 km/h

NEW FEATURES

ALSO AVAILABLE IN BLUE ANGEL VERSION

1 32 C

M09AB

material: **steel**
finish: **matte black epoxy**

325 km/h

NEW FEATURES

ALSO AVAILABLE IN BLUE ANGEL VERSION

1 32 C

M09AC

material: **AISI 304 stainless steel**
finish: **bright**

325 km/h

NEW FEATURES

ALSO AVAILABLE IN BLUE ANGEL VERSION

1 32 C

M09ACS

material: **AISI 304 stainless steel**
finish: **satin**

325 km/h

NEW FEATURES

ALSO AVAILABLE IN BLUE ANGEL VERSION

1 32 C

M09A · M09AB · M09AC · M09ACS COMPONENTS AND MATERIALS

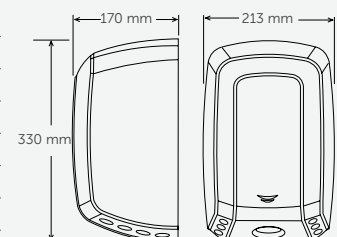
- Maximum air velocity: 325 Km/h
- One-piece weld-free cover
- Base plate includes silent-blocks to cushion mechanical vibrations
- Class F high pressure universal brush motor with adjustable power, allowing electricity consumption and sound pressure to be regulated.
- Minimum heating element (only 400W) with "ON/OFF" switch.
- Disconnects automatically after 60 seconds of continuous use
- Electronic infrared detection sensor. Detection distance adjustable by potentiometer (5 - 25 cm)
- Ready to fit with plug-in kit (see page 35)
- Cartridge containing a HEPA filter media that filters out most of the micro-particles contained in the air, such as pollen, dust mites, mold, tobacco smoke and even virus and bacteria, helping to improve the air quality (optional).
- Optionally, Machflow can assembly an ionizer ("Ion Hygienic" technology) that purifies the air through particles with negative electrical charge (anions), eliminating most of the particles and germs transported by the air, making it healthier and purer.
- An optional odor neutralizer for a cleaner and more pleasant atmosphere in the bathroom is available (Ref. RCPOM14).

HAND DRYER CODES

Cover material	Cover finish	With HEPA filter medium	With HEPA filter medium and ionizer
Steel	White	M09A-FIL	M09A-I
Steel	Black	M09AB-FIL	M09AB-I
Stainless steel	Bright	M09AC-FIL	M09ACS-I
Stainless steel	Satin	M09ACS-FIL	M09ACS-I

M09A · M09AB · M09AC · M09ACS TECHNICAL SPECIFICATIONS

Voltage	220 - 240 V	Weight	5.1 Kg
Frequency	50 / 60 Hz	Cover thickness	1.5 mm
Electrical isolation	Class I	Drying time	8 - 15 sec
Total power	420 - 1,500 W	Air velocity	191 - 325 Km/h
Consumption	3.2 - 6.4 A	Air temperature (10 cm distance / 21°C)	45°C
Motor power	420 - 1,100 W	Sound pressure (at 2m)	67 - 74 dBA
r.p.m.	19,000 - 30,000	Protection rating	IP23
Heating element power	400 W or 0 W (ON / OFF switch)		



HAND DRYERS machflow® recessed kit



dryer not included

KT009 recessed kit

material: **steel**
finish: **white epoxy**



dryer not included

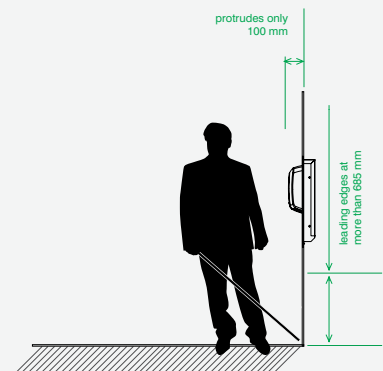
KT009CS recessed kit

material: **AISI 304 stainless steel**
finish: **satin**



KT009 · KT009CS COMPONENTS AND MATERIALS

- The American with Disabilities Act (ADA) defines the accessible requirements for the design of washroom spaces in the USA.
- In chapter 3: "Protruding objects", point 307.2 "Protrusion limits" ADA says: objects above the finish floor or ground shall protrude 100 mm maximum horizontally into the circulation path.
- This kit has been designed for the Machflow to fully comply with these recommendations.



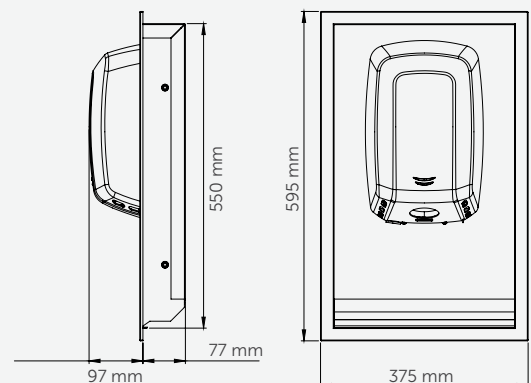
KT009 · KT009CS TECHNICAL SPECIFICATIONS

Wall box is fabricated of two welded parts. The dryer mounting area is fabricated of 1 mm 18-8 type AISI 304 stainless steel, it includes 4 M5 bolts welded on top of the base plate for fitting of the machflow® hand dryer. The frame is made of 0,7 mm 18-8 type AISI 304 stainless steel with 4 screw holes of Ø6,5 mm for mounting on the wall.

Nuts and bolts for the fitting of the hand dryer to the kit included: 4 nuts DIN 934 M5, 4 washers DIN 9021 M5 and 4 rubber silent blocks 8 x 18 mm.

NOTE: the screws and wall plugs for the mounting of the cabinet to the wall are not included. The use of stainless steel screws is recommended.

Weight: 3 Kg (6,6 lbs) without machflow® hand dryer.



HAND DRYERS machflow® *plug-in kit*



KTP009

plug-in kit

material: **PA6 VO**

finish: **black**



The machflow® Plug-in technology is an easy, practical, fast and secure system to install and uninstall a hand dryer, making maintenance much more efficient and reducing at the same time its costs.

With the machflow® Plug-in technology a hand dryer can be installed in only three main steps, it can be replaced in less than 10 seconds thanks to its SMED (Single-Minute Exchange of Die) system, its maintenance can be carried out better at the maintenance workshop and it is totally secure against electric shocks. All of these benefits allow you to reduce the maintenance costs.



Benefits of the Plug-in system

- The machflow® Plug-in technology makes the hand dryer installation easier. With this technology it is only needed three main steps to carry it out, as follows:

Step 1.

Wall
base plate
fixation



Step 2.

Assembly
of the
safety
socket



Step 3.

Hand dryer
installation
to the wall



- Ready to work 24/7 with the machflow® Plug-in technology. The replacement of the hand dryer for maintenance purposes is straightforward (the hand dryer can be replaced in less than 10 seconds thanks to its SMED system) and it is not necessary to be carried out by a qualified technician (the plug and the socket used by the machflow® Plug-in technology are totally electrical isolated).
- Reduction of the maintenance costs thanks to: easy installation of the hand dryer, its quick replacement and the possibility to carry out maintenance operations at the maintenance workshop.
- Secure against electric shocks with the machflow® Plug-in technology. Electrical connections are much more secure with the machflow® Plug-in technology than the traditional electrical connection systems, because it avoids the risk of users accidentally touching energized conductors and thereby experiencing electric shock.



SPEEDFLOW PLUS

Versatile, durable, modern and elegant design

- Maximum air output speed of 400 Km/h
- Fast drying time (10-12 seconds)
- Very low energy consumption (0.6 - 2.8 W / h per drying cycle)
- High pressure motor with adjustable speed (23,000-32,000 rpm)
- Very silent operation (57 - 65 dBA)
- Air filtration with an HEPA filter media
- Automatic safety cut-out after 30 seconds of continuous use
- Heating element can be turned off by means of a micro-switch
- ADA compliant (protrudes only 100 mm from the wall)
- Vandal proof



SPEEDFLOW PLUS

high-speed elegance

This especial stylish dryer is highly powerful despite of its unique flat design.

*dries hands
in 10-12
seconds*



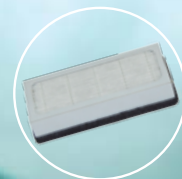
Heating element
For maximum comfort



Ionizer
Helps to clean and purify the air



Silentblocks
In the base plate to cushion mechanical vibrations



HEPA filter media
Cleans the air stopping the particles of dirt, dust, bacteria, pollen, etc.
Clean and fresh air.



Heating element ON / OFF micro-switch
Option to turn ON/OFF the heating element



Hands distance detection
Electronic infrared detection sensor adjustable by means of a potentiometer



Air freshener tablet
For a clean and fresh washroom (optional)



ADA compliant
Protrudes only 10cm from the wall



Variable speed
Energy consumption, noise level and drying time are adjustable



**available
in four
finishes**



White



Black



Bright



Satin

HAND DRYERS speedflow® plus

sensor operated



M17A

material: **steel**
finish: **white epoxy**



M17AB

material: **steel**
finish: **matte black epoxy**



M17AC

material: **AISI 304 stainless steel**
finish: **bright**



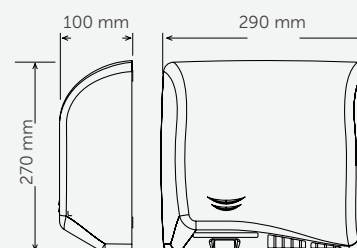
M17A · M17AB · M17AC COMPONENTS AND MATERIALS

- One-piece cover, 1.5 mm thick and ultra-flat (only 100 mm deep).
- High-pressure motor class F, with a safety self-resettable thermal cut-out and adjustable speed between 23,000 and 32,000 rpm. This regulation allows to adjust the electrical consumption and sound pressure.
- Electronic infrared detection sensor with adjustable detection range between 5 and 20 cm.
- Includes an automatic safety cut-out system that stops the unit after 30 seconds of continuous use.
- 500 W heating element with self-resettable thermal cut-out. It can be disconnected by means of a micro-switch "ON / OFF".
- Aluminum base that incorporates dampening elements in its back part and that, together with a studied internal design, make this hand dryer one of the quietest in its class.
- Plastic materials made with Polyamide 6 that incorporate a flame retardant additive.
- The new Speedflow Plus comes as standard with a cartridge that contains an HEPA filter media that filters suspended solid particles (pollen, dust mites, cigarette smoke, etc.), notably improving the air quality.
- Optionally, Speedflow Plus can assembly an ionizer ("Ion Hygienic" technology) that purifies the air through particles with negative electrical charge (anions), eliminating most of the particles and germs transported by the air, making it healthier and purer.
- It can fit an odor neutralizing tablet for a cleaner and more pleasant environment in the washroom (optional).

HAND DRYER CODES		
Cover material	Cover finish	With ionizer
Steel	White	M17A-I
Steel	Black	M17AB-I
Stainless steel	Bright	M17ACS-I

M17A · M17AB · M17AC TECHNICAL SPECIFICATIONS

Voltage	220-240 V	Heating element power	500 or 0W (ON/OFF switch)
Frequency	50 / 60 Hz	Weight	3.2 Kg
Electrical isolation	Class I	Cover thickness	1.5 mm
Total power (heating el. ON)	675 W - 850 W	Drying time	10 - 12 sec
Total power (heating el. OFF)	180 - 350 W	Air velocity	290 - 400 Km/ h
Consumption	2.8-5 A	Air temp. (10 cm distance / 21°C)	39 °C
Motor power	180 - 350 W	Sound pressure (at 2 m)	57 - 65 dBA
r.p.m.	23,000 - 32,000	Protection rating	IP23



HAND DRYERS speedflow® plus

sensor operated



400 km/h



NEW FEATURES

M17ACS

material: **AISI 304 stainless steel**
finish: **satin**



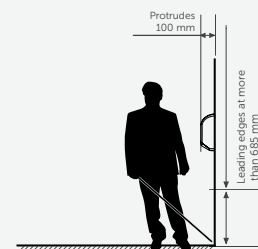
400 km/h



NEW FEATURES

M17AF

material: **cast iron**
finish: **white enamelled coating**



- The American with Disabilities Act (ADA) defines the accessible requirements for the design of washroom spaces in the USA
- Chapter 3: "Protruding objects", point 307.2 "Protrusion limits" ADA says: objects above the finish floor or ground shall protrude 100 mm maximum horizontally into the circulation path.
- The Speedflow Plus has been designed to fully comply with these recommendations.

M17ACS · M17AF COMPONENTS AND MATERIALS

- One-piece cover, 1.5 mm thick and ultra-flat (only 100 mm deep).
- High-pressure motor class F, with a safety self-resettable thermal cut-out and adjustable speed between 23,000 and 32,000 rpm. This regulation allows to adjust the electrical consumption and sound pressure.
- Electronic infrared detection sensor with adjustable detection range between 5 and 20 cm.
- Includes an automatic safety cut-out system that stops the unit after 30 seconds of continuous use.
- 500 W heating element with self-resettable thermal cut-out. It can be disconnected by means of a micro-switch "ON / OFF".
- Aluminum base that incorporates dampening elements in its back part and that, together with a studied internal design, make this hand dryer one of the quietest in its class.
- Plastic materials made with Polyamide 6 that incorporate a flame retardant additive.
- The new Speedflow Plus comes as standard with a cartridge that contains an HEPA filter media that filters suspended solid particles (pollen, dust mites, cigarette smoke, etc.), notably improving the air quality.
- Optionally, Speedflow Plus can assembly an ionizer ("Ion Hygienic" technology) that purifies the air through particles with negative electrical charge (anions), eliminating most of the particles and germs transported by the air, making it healthier and purer.
- It can fit an odor neutralizing tablet for a cleaner and more pleasant environment in the washroom.

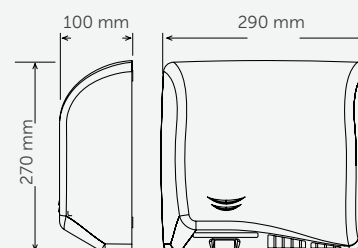
HAND DRYER CODES

Cover material	Cover finish	With ionizer
Stainless steel	Satin	M17ACS-I
Cast iron	White enamelled coating	M17AF-I

M17ACS · M17AF TECHNICAL SPECIFICATIONS

Voltage	220-240 V
Frequency	50 / 60 Hz
Electrical isolation	Class I
Total power (heating el. ON)	675 W - 850 W
Total power (heating el. OFF)	180 - 350 W
Consumption	2.8-5 A
Motor power	180 - 350 W
r.p.m.	23,000 - 32,000

Heating element power	500 or 0W (ON/OFF switch)
Weight	3.2 Kg (6.5 Kg M17AF)
Cover thickness	1.5 mm
Drying time	10 - 12 sec
Air velocity	290 - 400 Km/ h
Air temp. (10 cm distance / 21°C)	39 °C
Sound pressure (at 2 m)	57 - 65 dBA
Protection rating	IP23



sensor operated



M06A

material: **steel**
finish: **white epoxy**



M06AB

material: **steel**
finish: **matte black epoxy**

**M06AC**

material: **AISI 304 stainless steel**
finish: **bright**



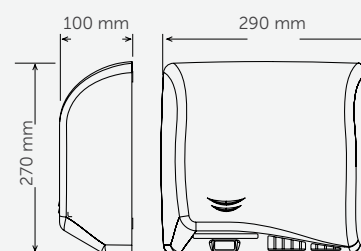
M06A · M06AB · M06AC COMPONENTS AND MATERIALS

- Universal voltage. It works indistinctly at electrical voltages of 100-120 V or 220-240 V, without the need to carry out any kind of set up. Weld-free cover fixed to the base with two safety screws and lock with special speedflow key
- Aluminium base. Includes silent-blocks to damp mechanical vibrations
- Fire resistant plastic fan scroll
- High-speed motor with safety thermal cut-off
- Aluminium centrifugal double asymmetrical inlet fan wheel
- Speed motor adjustable by means of a potentiometer
- Disconnection of the heating element (H.E) by means of a jumper
- Disconnects automatically after 60 seconds of continuous use
- Electronic infrared detection sensor. Adjustable detection by potentiometer (5 - 25 cm)
- Ultra-flat: 10 cm deep (complies with ADA regulations)
- The electronic control unit detects whether the motor brushes have worn out, turning off the hand dryer as an additional safety measure

M06A · M06AB · M06AC TECHNICAL SPECIFICATIONS

Voltage	100-120 V, 208 V, 220-240 V
Frequency	50 / 60 Hz
Electrical isolation	Class I
Total power (heating el. ON)	1,010 W - 1,150 W
Total power (heating el. OFF)	110 - 250 W
Consumption	1.3-5 A (230 V)
Motor power	110 - 250 W
r.p.m.	8,500 - 11,200

Heating element power	900 or 0W (ON/OFF jumper)
Weight	3.8 Kg
Cover thickness	1.5 mm
Drying time	10 - 12 sec
Air velocity	120 - 180 Km/ h
Air temp. (10 cm distance / 21°C)	42 °C
Sound pressure (at 2 m)	58 - 67 dBA
Protection rating	IP23



HAND DRYERS speedflow®

sensor operated

180
km/h



M06ACS

material: **AISI 304 stainless steel**
finish: **satin**

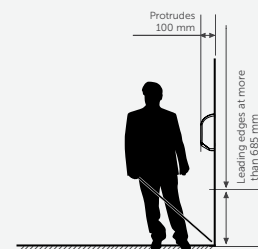


180
km/h



M06AF

material: **cast iron**
finish: **white enamelled coating**



- The American with Disabilities Act (ADA) defines the accessible requirements for the design of washroom spaces in the USA
- Chapter 3: "Protruding objects", point 307.2 "Protrusion limits" ADA says: objects above the finish floor or ground shall protrude 100 mm maximum horizontally into the circulation path.
- The Speedflow Plus has been designed to fully comply with these recommendations.

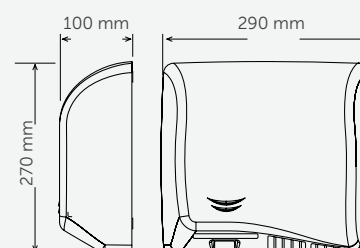
M06ACS · M06AF COMPONENTS AND MATERIALS

- Universal voltage. It works indistinctly at electrical voltages of 100-120 V or 220-240 V, without the need to carry out any kind of set up. Weld-free cover fixed to the base with two safety screws and lock with special speedflow key
- Aluminium base. Includes silent-blocks to damp mechanical vibrations
- Fire resistant plastic fan scroll
- High-speed motor with safety thermal cut-off
- Aluminium centrifugal double asymmetrical inlet fan wheel
- Speed motor adjustable by means of a potentiometer
- Disconnection of the heating element (H.E) by means of a jumper
- Disconnects automatically after 60 seconds of continuous use
- Electronic infrared detection sensor. Adjustable detection by potentiometer (5 - 25 cm)
- Ultra-flat: 10 cm deep (complies with ADA regulations)
- The electronic control unit detects whether the motor brushes have worn out, turning off the hand dryer as an additional safety measure

M06ACS · M06AF TECHNICAL SPECIFICATIONS

Voltage	100-120 V, 208 V, 220-240 V
Frequency	50 / 60 Hz
Electrical isolation	Class I
Total power (heating el. ON)	1,010 W - 1,150 W
Total power (heating el. OFF)	110 - 250 W
Consumption	1.3-5 A (230 V)
Motor power	110 - 250 W
r.p.m.	8,500 - 11,200

Heating element power	900 or 0W (ON/OFF jumper)
Weight	3.8 Kg
Cover thickness	1.5 mm
Drying time	10 - 12 sec
Air velocity	120 - 180 Km/h
Air temp. (10 cm distance / 21°C)	42 °C
Sound pressure (at 2 m)	58 - 67 dBA
Protection rating	IP23



HIGH TRAFFIC RANGE

Reliable, durable, vandal proof, safe and quality HAND DRYERS

Saniflow® and Mediflow® are the two hand dryer families from the Mediclinics high traffic range. They are characterised by an easy maintenance design, by their vandal proof features, by their robustness, but, above all, by their great reliability. These hand dryers were conceived to offer excellent performance over many years in very high traffic areas, such as airports, sports stadiums, shopping centres, sports centres, etc.

Due to their low noise level during operation, these hand dryers are also ideal for installation in places where quiet is important, such as museums, libraries, cinemas, theatres, etc.





The main advantages of these hand dryers are:

- Long lasting motors that provide a high stable and constant air flow that guarantees full drying of the hands in a few seconds.
- Adjustable detection distance, in all the automatic models of the range, in order to obtain the optimal hand detection distance depending on the available light.
- Built-in safety systems, such as thermal cut-off in the motors and in the heating elements, automatic cut-out system and vandal proof security screws that prevent accidents such as fire, electrocution, trapping, etc.
- Option to use a wall recess kit, with a frame manufactured in the same finish as the installed dryer, in order to comply with the ADA and UNE standards for the elimination of architectural barriers, which limit the horizontal projection of hand dryers to 100 mm, thus facilitating access for those with reduced mobility.

SANIFLOW

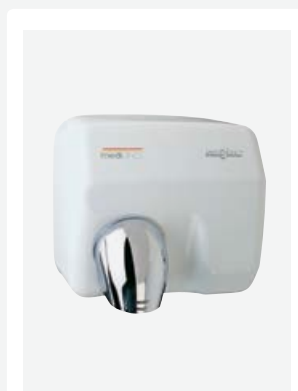
A classic, robust and reliable design for the 21st century.

- Long lasting motors that provide a stable a high and constant air flow that guarantees full drying of the hands in a few seconds.
- Robust, reliable and high quality hand dryer
- One of the most powerful air flows on the market, within its class of machine
- The heating element and the motor have built-in safety thermal cut-off
- Chromed 360° rotating nozzle
- Manual or automatic operating options
- Vandal proof
- Easy cleaning and maintenance



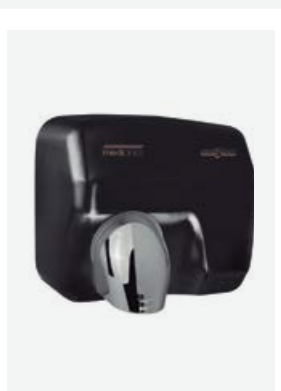
HAND DRYERS saniflow®

sensor operated



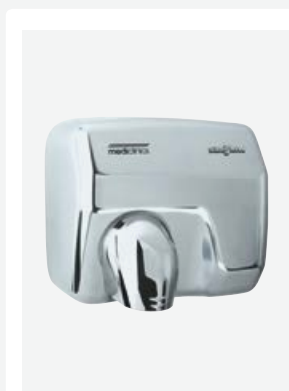
E05A

material: **steel**
finish: **white epoxy**



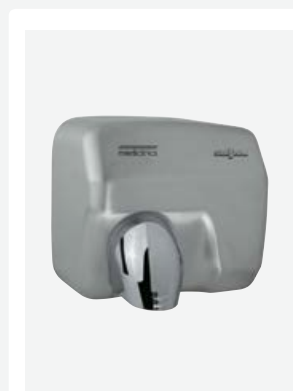
E05AB

material: **steel**
finish: **matte black epoxy**



E05AC

material: **AISI 304 stainless steel**
finish: **bright**



E05ACS

material: **AISI 304 stainless steel**
finish: **satin**

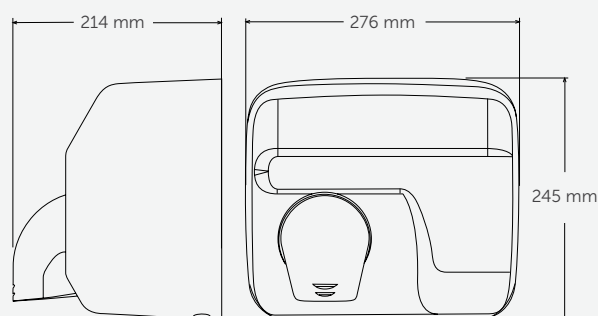


E05A · E05AB · E05AC · E05ACS COMPONENTS AND MATERIALS

- Weld-free cover fixed to the base with two vandal-proof lock screws and a special saniflow® key
- 3 mm thick aluminium base
- Fire resistant plastic fan scroll
- Class F universal brush motor incorporating a safety thermal cut-off
- Aluminium centrifugal double symmetrical inlet fan wheel
- The heating element includes a safety thermal cut-off
- 360° revolving nozzle in chrome-plated zamak
- Electronic infrared detection sensor
- Adjustable detection distance 15-25 cm
- Four silent-blocks to minimise vibrations and noise

E05A · E05AB · E05AC · E05ACS TECHNICAL SPECIFICATIONS

Voltage	220 - 240 V
Frequency	50 / 60 Hz
Electrical isolation	Class I
Total power	2,250 W
Consumption	10 A
Motor power	250 W
r.p.m.	5,500
Heating element power	2,000 W
Weight	4.65 Kg
Cover thickness	1.5 mm
Drying time	29 sec
Air velocity	100 Km/h
Air temperature (10 cm distance / 21°C)	50°C
Sound pressure (at 2m)	68 dBA
Protection rating	IP23



HAND DRYERS saniflow®
sensor operated



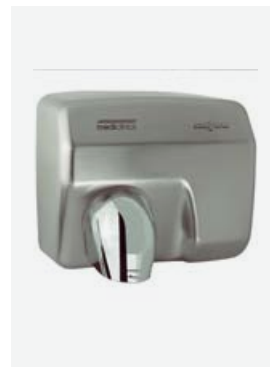
E88A

material: **steel**
finish: **white enamelled coating**



E88AC

material: **steel**
finish: **bright chrome**



E88ACS

material: **steel**
finish: **satin chrome**

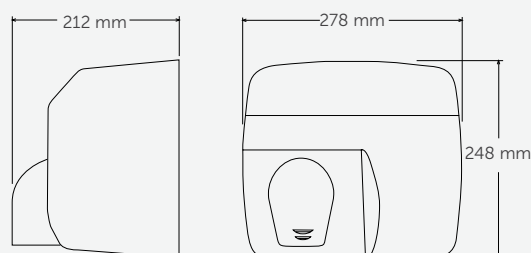


E88A · E88AC · E88ACS COMPONENTS AND MATERIALS

- Weld-free cover fixed to the base with two vandal-proof lock screws and a special saniflow® key
- 3 mm thick aluminium base
- Fire resistant plastic fan scroll
- Class F universal brush motor incorporating a safety thermal cut-off
- Aluminium centrifugal double symmetrical inlet fan wheel
- The heating element includes a safety thermal cut-off
- 360° revolving nozzle in chrome-plated zamak
- Electronic infrared detection sensor
- Adjustable detection distance 15-25 cm
- Four silent-blocks to minimise vibrations and noise

E88A • E88AC • E88ACS TECHNICAL SPECIFICATIONS

Voltage	220 - 240 V
Frequency	50 / 60 Hz
Electrical isolation	Class I
Total power	2,250 W
Consumption	10 A
Motor power	250 W
r.p.m.	5,500
Heating element power	2,000 W
Weight	5.9 Kg
Cover thickness	1.5 mm
Drying time	29 sec
Air velocity	100 Km/h
Air temperature (10 cm distance / 21°C)	50°C
Sound pressure (at 2m)	68 dBA
Protection rating	IP23



HAND DRYERS saniflow®

push-button



E05

material: **steel**
finish: **white epoxy**



E05B

material: **steel**
finish: **matte black epoxy**



E05C

material: **AISI 304 stainless steel**
finish: **bright**



E05CS

material: **AISI 304 stainless steel**
finish: **satin**

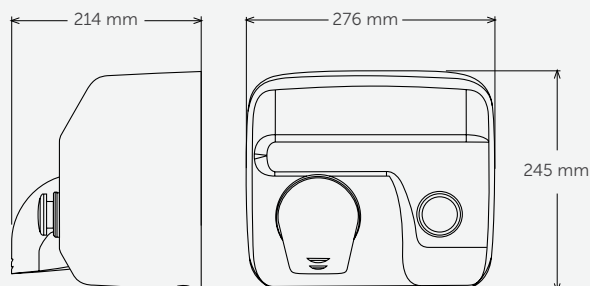


E05 · E05B · E05C · E05CS COMPONENTS AND MATERIALS

- Weld-free cover fixed to the base with two vandal-proof lock screws and a special saniflow® key
- 3 mm thick aluminium base
- Fire resistant plastic fan scroll
- Class F universal brush motor incorporating a safety thermal cut-off
- Aluminium centrifugal double symmetrical inlet fan wheel
- The heating element includes a safety thermal cut-off
- 360° revolving nozzle in chrome-plated zamak
- Chrome-plated zamak button activates an electronic timer with a 35-second cycle
- Four silent-blocks to minimise vibrations and noise

E05 · E05B · E05C · E05CS TECHNICAL SPECIFICATIONS

Voltage	220 - 240 V
Frequency	50 / 60 Hz
Electrical isolation	Class I
Total power	2,250 W
Consumption	10 A
Motor power	250 W
r.p.m.	5,500
Heating element power	2,000 W
Weight	4.65 Kg
Cover thickness	1.5 mm
Drying time	29 sec
Air velocity	100 Km/h
Air temperature (10 cm distance / 21°C)	50°C
Sound pressure (at 2m)	68 dBA
Protection rating	IP23



HAND DRYERS

saniflow®

push-button



E88

material: **steel**
finish: **white enameled coating**



E88C

material: **steel**
finish: **bright chrome**



E88CS

material: **steel**
finish: **satin chrome**

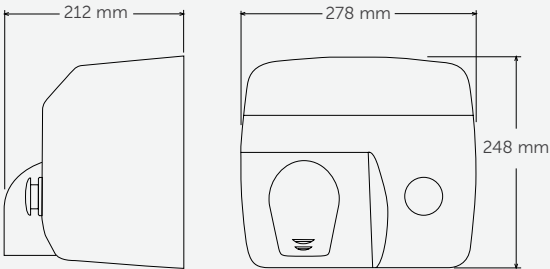


E88 · E88C · E88CS COMPONENTS AND MATERIALS

- Weld-free cover fixed to the base with two vandal-proof lock screws and a special saniflow® key
 - 3 mm thick aluminium base
 - Fire resistant plastic fan scroll
 - Class F universal brush motor incorporating a safety thermal cut-off
- Aluminium centrifugal double symmetrical inlet fan wheel
 - The heating element includes a safety thermal cut-off
 - 360° revolving nozzle in chrome-plated zamak
 - A chrome-plated zamak button activates an electro-mechanic timer with a 35-second cycle
 - Includes 4 silent-blocks to minimise vibrations and noise

E88 · E88C · E88CS TECHNICAL SPECIFICATIONS

Voltage	220 - 240 V
Frequency	50 / 60 Hz
Electrical isolation	Class I
Total power	2,250 W
Consumption	10 A
Motor power	250 W
r.p.m.	5,500
Heating element power	2,000 W
Weight	5.9 Kg
Cover thickness	1.5 mm
Drying time	29 sec
Air velocity	100 Km/h
Air temperature (10 cm distance / 21°C)	50°C
Sound pressure (at 2m)	68 dBA
Protection rating	IP23



11



E85A

material: **cast iron**
finish: **white enamelled coating**



E85 • E85A COMPONENTS AND MATERIALS

- Weld-free cover fixed to the base with two vandal-proof lock screws and a special saniflow® key
 - 3 mm thick aluminium base
 - Fire resistant plastic fan scroll
 - Class F universal brush motor incorporating a safety thermal cut-off
 - Aluminium centrifugal double symmetrical inlet fan wheel
 - The heating element includes a safety thermal cut-off
- Includes 4 silent-blocks to minimise vibrations and noise
 - 360° revolving nozzle in chrome-plated zamak
- E85**
- The chrome-plated zamak button activates an electro-mechanic timer with a 35-second cycle
- E85A**
- Electronic infrared detection sensor
 - Adjustable detection distance 15-25 cm

E85 • E85A TECHNICAL SPECIFICATIONS

E85

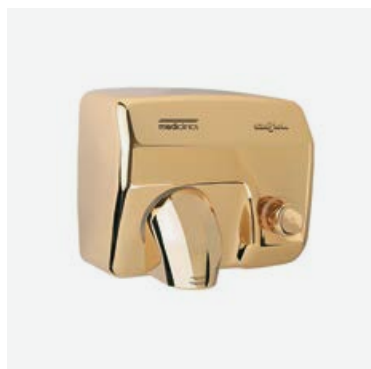
Technical drawing of the E85 emergency lighting unit. The side view (left) shows a width of 215 mm. The front view (right) shows a width of 282 mm and a height of 255 mm. The front view includes a rectangular display area at the top, a circular indicator light in the center, and a small circular button or sensor at the bottom.

E85A

Technical drawing of the E85A emergency lighting unit. The side view (left) shows a width of 215 mm. The front view (right) shows a width of 282 mm and a height of 255 mm. The front view includes a rectangular display area at the top, a circular indicator light in the center, and a small circular button or sensor at the bottom.

HAND DRYERS saniflow®

push-button / sensor operated



E880

material: **steel**
finish: **gold plated**



E88AO

material: **steel**
finish: **gold plated**

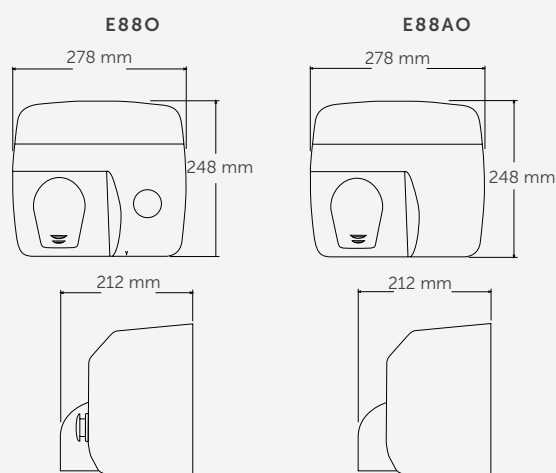


E880 · E88AO COMPONENTS AND MATERIALS

- Weld-free cover fixed to the base with two vandal-proof lock screws and a special saniflow® key
 - 3 mm thick aluminium base
 - Fire resistant plastic fan scroll
 - Class F universal brush motor incorporating a safety thermal cut-off
 - Aluminium centrifugal double symmetrical inlet fan wheel
 - The heating element includes a safety thermal cut-off
 - Includes 4 silent-block to minimise vibrations and noise
 - 360° revolving nozzle
- E880**
- The button activates an electro-mechanic timer with a 35-second cycle
- E88AO**
- Electronic infrared detection sensor
 - Adjustable detection distance 15-25 cm

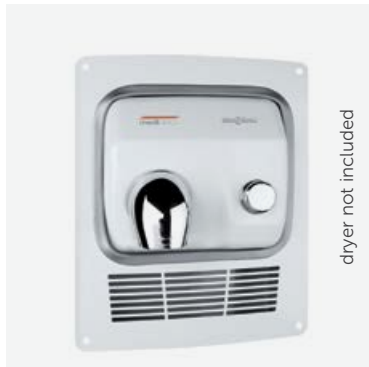
E880 · E88AO TECHNICAL SPECIFICATIONS

Voltage	220 - 240 V
Frequency	50 / 60 Hz
Electrical isolation	Class I
Total power	2,250 W
Consumption	10 A
Motor power	250 W
r.p.m.	5,500
Heating element power	2,000 W
Weight	5.9 Kg
Cover thickness	1.5 mm
Drying time	29 sec
Air velocity	100 Km/h
Air temperature (10 cm distance / 21°C)	50°C
Sound pressure (at 2m)	68 dBA
Protection rating	IP23



HAND DRYERS saniflow®

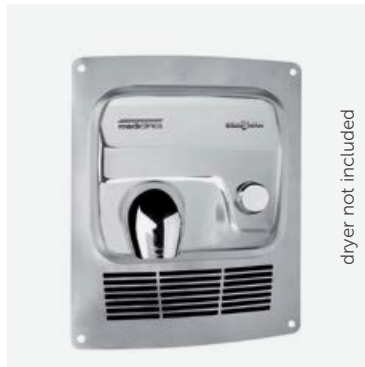
recessed kit for push-button operated models



dryer not included

KT0005

material: **steel**
finish: **white epoxy**



dryer not included

KT0005C

material: **AISI 304 stainless steel**
finish: **bright**



dryer not included

KT0005CS

material: **AISI 304 stainless steel**
finish: **satin**



KT0005 · KT0005C · KT0005CS COMPONENTS AND MATERIALS

- Electro-zincd iron cabinet for mounting the saniflow® dryer on the wall
- Grey rubber seal provides reinforced external protection that minimises vibrations and noise
- Nuts and bolts for assembling the dryer and fitting the frame to the wall are included

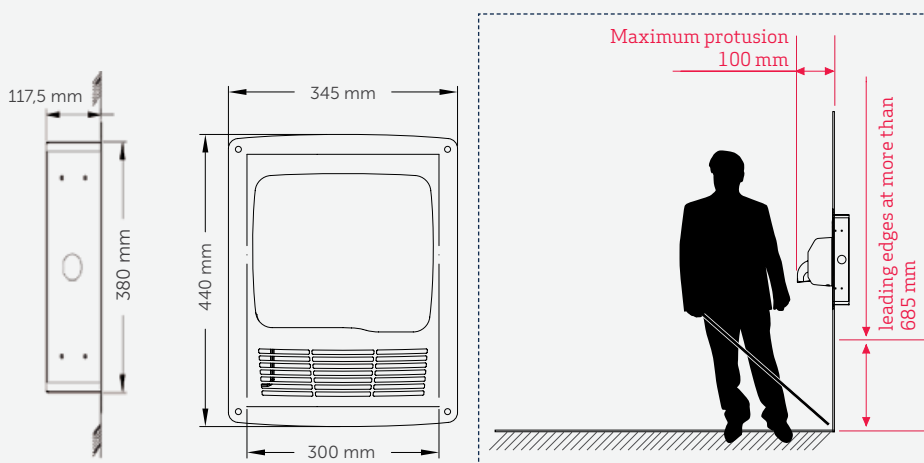
KT0005

- Steel frame

KT0005C · KT0005CS

- AISI 304 stainless steel frame

KT0005 · KT0005C · KT0005CS TECHNICAL SPECIFICATIONS



The hand dryer and wall mountign kit protrude 90 mm horizontally in compliance with the American ADA standards that restrict the horizontal projection of devices installed in public wahsrooms to 100 mm.



MEDIFLOW

Intelligent, quiet and modern

- Powerful, robust and reliable hand dryer
- One of the quietest machines in its category (only 65 dBA)
- The heating element and the motor have built-in safety thermal cut-off
- "Logic Dry" intelligent system that adapts the outlet air flow temperature to the ambient temperature (M02 models)
- Automatic operation which prevents having to touch the machine
- Adjustable hand detection distance using a potentiometer
- Easy cleaning and maintenance



HAND DRYERS mediflow® intelligent

sensor operated



M02A

material: **steel**
finish: **white epoxy**



M02AB

material: **steel**
finish: **matte black epoxy**



M02AC

material: **AISI 304 stainless steel**
finish: **bright**



M02ACS

material: **AISI 304 stainless steel**
finish: **satin**

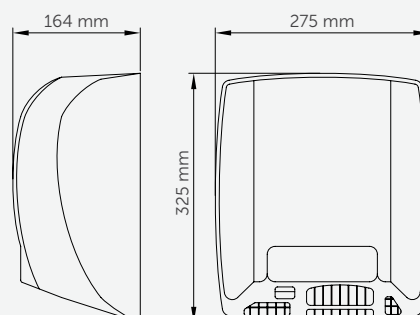


M02A · M02AB · M02AC · M02ACS COMPONENTS AND MATERIALS

- The cover is fixed to the base with two screws
- Base and fan scroll fire resistant plastic. Includes silent-blocks to prevent mechanical vibrations
- Class F universal brush motor incorporating a safety thermal cut-off
- Aluminium centrifugal double asymmetrical inlet fan wheel
- Heating element incorporates a safety thermal cut-off
- Selective detection of fixed targets and system of automatic disconnection after 120 seconds of continuous use
- Electronic infrared detection sensor
- Adjustable detection distance by potentiometer 5 - 25 cm
- The technology **LogicDry** automatically regulates the temperature of the air output between four possible levels, depending on the room temperature, managing electricity consumption to offer significant energy savings

M02A · M02AB · M02AC · M02ACS TECHNICAL SPECIFICATIONS

Voltage	220 - 240 V
Frequency	50 / 60 Hz
Electrical isolation	Class II
Total power	250 - 2,750 W
Consumption	1.2 - 12 A
Motor power	250 W
r.p.m.	4,500
Heating element power	0 - 2,500 W
Weight	4.25 Kg
Cover thickness	1.5 mm
Drying time	29 sec
Air velocity	95 Km/h
Air temperature (10 cm distance / 21°C)	50°C
Sound pressure (at 2m)	65 dBA
Protection rating	IP23



HAND DRYERS mediflow®

sensor operated



M03A

material: **steel**
finish: **white epoxy**



M03AB

material: **steel**
finish: **matte black epoxy**



M03AC

material: **AISI 304 stainless steel**
finish: **bright**



M03ACS

material: **AISI 304 stainless steel**
finish: **satin**

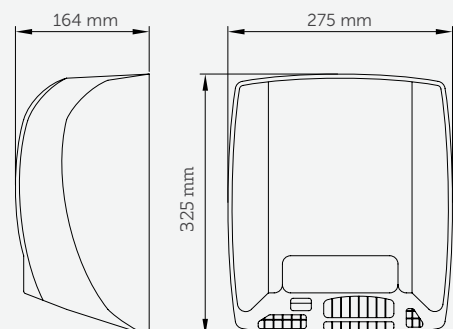


M03A · M03AB · M03AC · M03ACS COMPONENTS AND MATERIALS

- The cover is fixed to the base with two screws
- Base and fan scroll in fire resistant plastic. Includes silent-blocks to cushion mechanical vibrations
- Class F universal brush motor incorporating a safety thermal cut-off
- Aluminium centrifugal double asymmetrical inlet fan wheel
- Heating element incorporating an safety thermal cut-off
- Electronic infrared detection sensor
- Adjustable detection distance by potentiometer 5 - 25 cm

M03A · M03AB · M03AC · M03ACS TECHNICAL SPECIFICATIONS

Voltage	220 - 240 V
Frequency	50 / 60 Hz
Electrical isolation	Class II
Total power	2,750 W
Consumption	12 A
Motor power	250 W
r.p.m.	4,500
Heating element power	2,500 W
Weight	4.25 Kg
Cover thickness	1.5 mm
Drying time	29 sec
Air velocity	95 Km/h
Air temperature (10 cm distance / 21°C)	50°C
Sound pressure (at 2m)	65 dBA
Protection rating	IP23



HAND DRYERS mediflow®

recessed kit



dryer not included

KT0010

material: **steel**
finish: **white epoxy**



dryer not included

KT0010C

material: **AISI 304 stainless steel**
finish: **bright**



dryer not included

KT0010CS

material: **AISI 304 stainless steel**
finish: **satin**



KT0010 · KT0010C · KT0010CS COMPONENTS AND MATERIALS

- Cabinet in electro-zinc coated iron to recess the medi-flow® hand dryer
- Grey rubber seal provides reinforced external protection, minimising vibrations and noise
- Nuts and bolts for mounting the dryer and its frame on the wall included

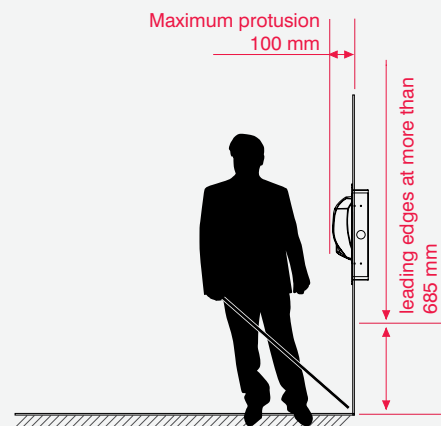
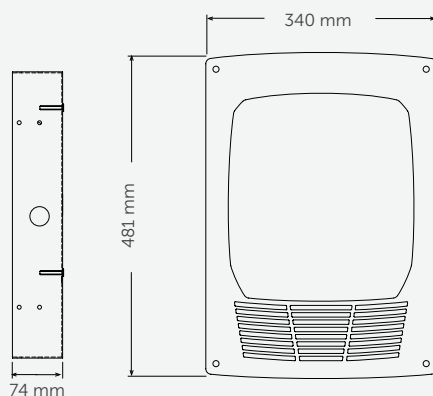
KT0010

- Steel frame

KT0010C · KT0010CS

- AISI 304 stainless steel frame

KT0010 · KT0010C · KT0010CS TECHNICAL SPECIFICATIONS



The hand dryer and wall mountign kit protrude 90 mm horizontally in compliance with the American ADA standards that restrict the horizontal projection of devices installed in public wahsrooms to 100 mm.



A large sailboat with white sails and a wooden mast is sailing on a body of water under a clear blue sky. The sails are partially unfurled, and the boat is moving towards the right. The water is a deep blue, and the sky is a lighter blue. The overall scene is peaceful and scenic.

LOW / MEDIUM TRAFFIC RANGE

HAND DRYERS with an elegant design and a great quality-price ratio.

This range of hand dryers is made up of three families of machine: Optima®, JuniorPlus® and Smartflow®, ideal for locating in areas with low or medium traffic, for example, restaurants, bars, offices, etc.

These hand dryers are also ideal for installation in places where quietness is important, such as museums, libraries, cinemas, theatres, etc.

The main advantages of these hand dryers are:

- Very low noise level, making it the best option for toilet environments with low or medium traffic, where the noise is an issue.
- Zero maintenance thanks to their brushless motors (Optima® and JuniorPlus®). Easy to clean.
- Adjustable detection distance, in all the automatic models of the range, in order to obtain the optimal hand detection distance depending on the available light.
- Built-in safety systems, such as thermal cut-off in the motors and in the heating elements and automatic cut-out system that prevent accidents such as fire, electrocution, trapping, etc.
- Quality, robustness and reliability thanks to the use of top quality components manufactured in accordance with the strictest quality standards.



OPTIMA

A modern design for a reliable, quiet hand dryer with excellent performance.

- Maintenance free thanks to its brushless motor.
- Hygienic thanks to its automatic operation that prevents having to touch the machine
- Adjustable hand detection distance
- One of the quietest machines in its category (only 57 dBA)
- The heating element and the motor have built-in safety thermal cut-off
- The right balance between performance and price



HAND DRYERS optima sensor operated



M99A

material: **steel**
finish: **white epoxy**



M99AC

material: **AISI 304 stainless steel**
finish: **bright**



M99ACS

material: **AISI 304 stainless steel**
finish: **satin**

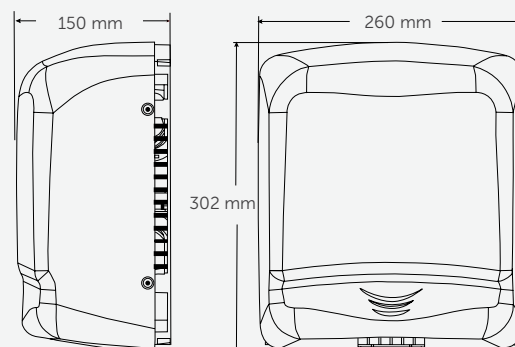


M99A · M99AC · M99ACS COMPONENTS AND MATERIALS

- Weld-free cover fixed to the base with 4 Allen bolts
- Base in ABS thermoplastic
- Thermoplastic fan wheel
- Class F induction motor incorporating a safety thermal cut-off
- PP UL 94-V0 centrifugal single inlet fan wheel
- Heating element incorporating a safety thermal cut-off
- Electronic infrared detection sensor
- Adjustable detection distance 15-25 cm
- Zamak air outlet grill

M99A · M99AC · M99ACS TECHNICAL SPECIFICATIONS

Voltage	220 - 240 V
Frequency	50 / 60 Hz
Electrical isolation	Class II
Total power	1,640 W
Consumption	7 A
Motor power	140 W
r.p.m.	2,800
Heating element power	1,500 W
Weight	4.45 Kg
Cover thickness	1.5 mm
Drying time	38 sec
Air velocity	50 Km/h
Air temperature (10 cm distance / 21°C)	57°C
Sound pressure (at 2m)	57 dBA
Protection rating	IP21



JUNIORPLUS

Hand dryer with the cover manufactured in high impact ABS, with a very attractive quality-price ratio.

- Maintenance free thanks to its brushless motor.
- Manual or automatic operating options
- Adjustable hand detection distance (M88APLUS)
- Quiet (only 57 dBA)
- Elegantly designed cover, manufactured in high impact ABS
- The heating element and the motor have built-in safety thermal cut-off
- Very attractive quality-price ratio



HAND DRYERS juniorplus

push-button / sensor operated



M88PLUS

material: **ABS**
finish: **white**



M88APLUS

material: **ABS**
finish: **white**



M88PLUS · M88APLUS COMPONENTS AND MATERIALS

M88PLUS · M88APLUS

- One-piece cover fixed to the base by four screws
- Base in ABS thermoplastic
- Thermoplastic fan wheel
- PP UL 94-V0 centrifugal single inlet fan wheel
- Class F induction motor incorporating a safety thermal cut-off
- Heating element incorporating a safety thermal cut-off

- Zamak air outlet grill

M88APLUS

- Electronic infrared detection sensor
- Adjustable detection distance 15 - 25 cm

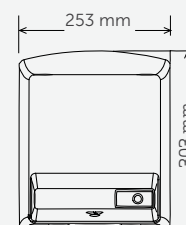
M88PLUS

- The button activates an electronic timer with a cycle of 45 seconds

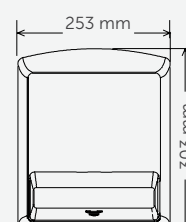
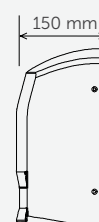
M88PLUS · M88APLUS TECHNICAL SPECIFICATIONS

Voltage	220 - 240 V
Frequency	50 / 60 Hz
Electrical isolation	Class II
Total power	1,640 W
Consumption	7 A
Motor power	140 W
r.p.m.	2,800
Heating element power	1,500 W
Weight	3 Kg
Cover thickness	3 mm
Drying time	38 sec
Air velocity	50 Km/h
Air temperature (10 cm distance / 21°C)	57°C
Sound pressure (at 2m)	57 dBA
Protection rating	IP21

M88PLUS



M88APLUS





SMARTFLOW

Compact hand dryer, strong and at a very competitive price.

- Easy cleaning and maintenance
- Hygienic thanks to its automatic operation that prevents contact with the machine
- The heating element and the motor have built-in safety thermal cut-off
- Adjustable hand detection distance
- Quiet (67 dBA)
- Elegantly designed cover, manufactured in high impact ABS
- Economical



HAND DRYERS smartflow®

sensor operated



M04A

material: **ABS**
finish: **white**



M04AC

material: **ABS**
finish: **bright grey**



M04ACS

material: **ABS**
finish: **satin grey**

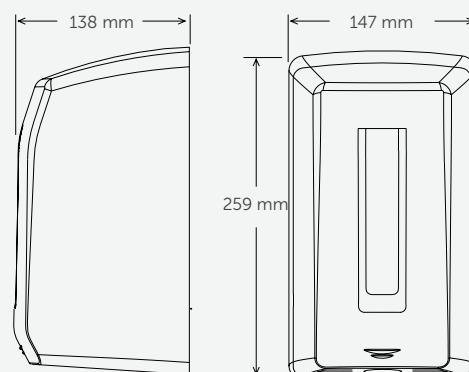


M04A · M04AC · M04ACS COMPONENTS AND MATERIALS

- One-piece cover in ABS thermoplastic, fixed to the base by two screws
- Thermoplastic base
- Class B brush motor incorporating a safety thermal cut-off
- Helicoidal fan wheel
- Heating element incorporates a safety thermal cut-off
- Electronic infrared detection sensor
- Adjustable detection distance 15 - 25 cm

M04A · M04AC · M04ACS TECHNICAL SPECIFICATIONS

Voltage	220 - 240 V
Frequency	50 / 60 Hz
Electrical isolation	Class II
Total power	1,100 W
Consumption	4.8 A
Motor power	150 W
r.p.m.	15,000
Heating element power	950 W
Weight	1.2 Kg
Cover thickness	3 mm
Drying time	39 sec
Air velocity	100 Km/h
Air temperature (10 cm distance / 21°C)	55°C
Sound pressure (at 2m)	67 dBA
Protection rating	IP23



HAND DRYERS

Table

New Generation Hand Dryers

Dualflow Plus (M24)



Dualflow Plus (M14)



Machflow Plus



Machflow



Category	ECO-HIGH SPEED			
Application	HIGH TRAFFIC			
Drying time	8-15 "			
Estimated drying time	8-15" (eco 10-15")	8-15" (eco 10-15")	8-15" (eco 10-15")	8-15" (eco 10-15")
Voltage / Frequency	110-120V / 220-240V 50/60Hz Class I	220-240V 50/60Hz Class I	110-120V / 220-240V 50/60Hz Class I	220-240V 50/60Hz Class I
Electrical isolation				
Measurements	665 x 320 x 228 mm	665 x 320 x 228 mm	330 x 213 x 170 mm	330 x 213 x 170 mm
Weight	8.5 Kg	8.3 Kg	5.5 Kg	5.1 Kg
Total power	250 - 1,100 W	420 - 1,500 W	250-1,100 W	420-1,500 W
Power consumption	1.3 A - 4.8 A	3.2 A - 6.4 A	1.3 A - 4.8 A	3.2 A - 6.4 A
Detection	Automatic	Automatic	Automatic	Automatic
Cover				
Material	ABS	ABS	1. Stainless Steel 2. Steel	1. Stainless Steel 2. Steel
Finish	White / Black / Satin	White / Black / Satin	1. Bright / Satin 2. White / Black epoxy	1. Bright / Satin 2. White / Black epoxy
Thickness	3 mm	3 mm	1.5 mm	1.5 mm
Base:				
Material	PA6 V0	PA6 V0	PA6 + 30% GF V0	PA6 + 30% GF V0
Thickness	3 mm	3 mm	3 mm	3 mm
Motor:				
Type	BLDC motor with hall sensor	Vacuum universal brush motor	BLDC motor with hall sensor	Vacuum universal brush motor
Class	F	F	F	F
Power	900 W	420 - 1,100 W	900 W	420 - 1,100 W
rpm	17,600-27,600 rpm	19,000-30,000 rpm	17,600-27,600 rpm	19,000-30,000 rpm
Bushes lifespan	>5,000h	1,500h	>5,000h	1,500h
Protection	Fuse on PCB	Fuse on PCB	Fuse on PCB	Fuse on PCB
Fan Wheel				
Tipo	Centrifugal, single inlet, high pressure	Centrifugal, single inlet, high pressure	Centrifugal, single inlet, high pressure	Centrifugal, single inlet, high pressure
Material	Aluminium	Aluminium	Aluminium	Aluminium
Caract. Fluidicas				
Effective air flow	101 - 177 m³/h (1,680-2,950 L/min)	94 - 165 m³/h (1,570-2,750 L/min)	129 - 205 m³/h (2,150 - 3,420 L/min)	121 - 190 m³/h (2,010 - 3,152 L/min)
Air velocity	234- 410 Km/h	234- 410 Km/h	220-340 Km/h	191-325 Km/h
Heating Element (H.E):				
Power	200W	400W	200W	400W
Wire	Ni-Crom	Ni-Crom	Ni-Crom	Ni-Crom
Protection	Safety thermal cut-off	Safety thermal cut-off	Safety thermal cut-off	Safety thermal cut-off
Air temperature	38°C	40°C	42°C	40°C
Sound pressure	62-72dBA	62-72dBA	67-74 dBA	67-74 dBA
Protection level	IPX4	IPX4	IP23	IP23
Disconnection (continuous use time)	30"	30"	60"	60"
ADA	yes	yes	w / recessed kit	w / recessed kit

(*) H.E. = Heating element



HAND DRYERS

Table

New Generation Hand Dryers

Speedflow Plus



Speedflow



Category	ECO-HIGH SPEED	
Application	HIGH TRAFFIC	
Drying time	8-15 "	
Estimated drying time	10-12"	10-12"
Voltage / Frequency	220-240V 50/60Hz	100-120 V / 220-240V 50/60Hz
Electrical isolation	Class I	Class I
Measurements	270 x 290 x 100 mm	270 x 290 x 100 mm
Weight	3.2 Kg (model AF = 6.5 Kg)	3.8 Kg (model AF = 7.1)
Total power	680 – 850 W (H.E.(*) ON) 180 – 350 W (H.E. OFF)	1,010 - 1,150 W (H.E. ON*) 110 - 250 W (H.E OFF)
Power consumption	3.9 A - 5 A (230 V) H.E. ON 2.8 A - 3.6 A (230 V) H.E. OFF	4.3 A - 5 A (230 V) H.E. ON 1.3 A - 2 A (230 V) H.E. OFF
Detection	Automatic	Automatic
Cover	1. Stainless Steel 2. Steel 3. Cast iron	1. Stainless Steel 2. Steel 3. Cast iron
Material		
Finish	1. Bright / Satin 2. White / Black epoxy 3. White enamelled coating	1. Bright / Satin 2. White / Black epoxy 3. White enamelled coating
Thickness	1.5 mm (model AF = 4,5mm)	1.5 mm (model AF = 4,5mm)
Base:		
Material	Aluminium	Aluminium
Thickness	3 mm	3 mm
Motor:		
Type	Vacuum universal brush motor	Universal brush motor
Class	F	A
Power	180 – 350 W	110 - 250 W
rpm	23,000 – 32,000 RPM	8,500-11,200 rpm
Bushes lifespan	1,000h / 30,000 serv (cicle=12")	1,500h / 450,000 serv (cicle=12")
Protection	Safety thermal self-reseteable cut-out (120°C)	Thermal fuse one shot (93°C)
Fan Wheel		
Tipo	Centrifugal, single inlet, high pressure	Double inlet, centrifugal, asymetrical
Material	Aluminium	Aluminium
Caract. Flúidicas		
Effective air flow	33.7 – 47.1 m³/h (562-785 L/min)	70-94 m³/h (1,170-1,600 L/m)
Air velocity	290-400 Km/h	120-180 Km/h
Heating Element (H.E):		
Power	500 W	900 W
Wire	Ni-Crom	Ni-Crom
Protection	Safety thermal self-reseteable cut-out (150°C)	Safety thermal self-reseteable cut-out (150°C)
Air temperature	35°C	42°C
Sound pressure	57-65dBA	58-67dBA
Protection level	IP23	IP23
Disconnection (continuous use time)	30"	60"
ADA	yes	yes



HAND DRYERS

Table

Traditional Hand Dryers

Saniflow



Mediflow



Category	HEAVY DUTY	MODERN
Application	HIGH - TRAFFIC	HIGH - TRAFFIC
Drying time	20-30 "	20-30 "
Estimated drying time	29"	29"
Voltage / Frequency	220-240V 50/60Hz	220-240V 50/60Hz
Electrical isolation	Class I	Class II
Measurements	245x276x214 mm 248x278x212 mm 255x282x215 mm	325x275x164 mm
Weight	4.65 / 5.9 / 11.5 Kg	4.25 Kg
Total power	2.250 W	250-2.750 W
Power consumption	10 A	1,1-12 A
Detection	Autom / Push - button	Autom / Push - button
Cover		
Material	1.Stainless seel 2. Steel 3. Cast iron	1. Stainless steel 2. Steel
Finish	1. Bright / Satin 2. White / Black epoxy; White / Black enamelled; Bright / Satin / Gold plated 3. White enamelled	1. Bright / Satin 2. White / Black epoxy
Thickness	1.5 / 6 mm	1.5 mm
Base: Material Thickness	Aluminium 3 mm	PA 6 V0 3 mm
Motor: Type Class Power rpm Bushes lifespan Protection	Universal brush motor F 250 W 5,500 rpm 1st set 1,500h/200,000 serv 2nd set 1,500h/ 200,000 serv (cycle=29") Safety thermal cut-off auto-reset	Universal brush motor F 250 W 4,500 rpm 1st set 1,500h/200,000 serv 2nd set 1,500h/ 200,000 serv (cycle=29") Safety thermal cut-off auto-reset
Fan Wheel		
Tipo	Double inlet, centrifugal, asymmetrical	Double inlet, centrifugal, asymmetrical
Material	Aluminium	Aluminium
Caract. Flúidicas		
Effective air flow	253 m³/h (4,248 L/m)	450 m³/h (7,500 L/m)
Air velocity	100 Km/h	95 Km/h
Heating Element (H.E): Power Wire Protection	2,000 W Ni-Crom Safety thermal cut-off	0-2,500 W Cr-Al-Fe Banda Safety thermal cut-off
Air temperature	50°C	49°C
Sound pressure	70dBA	65dBA
Protection level	IP23	IP23
Disconnection (continuous use time)	E05,E88: 36" E05A= 60" E88A: ---	M02A: 120" M03A: ---
ADA	w / recessed kit	w / recessed kit

(*) H.E. = Heating element



For more information please contact: Intelligent Facility Solutions | sales@ihdryers.co.uk | 0114 3540047

HAND DRYERS

Table

Low Medium Traffic Range

Optima



Juniorplus



Smartflow


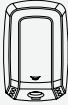


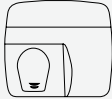






Category	MONEY FOR VALUE		
Application	MEDIUM TRAFFIC	LOW TRAFFIC	
Drying time	30-40 "		
Estimated drying time	38"	38"	39"
Voltage / Frequency	220-240V 50/60Hz	220-240V 50/60Hz	220-240V 50/60Hz
Electrical isolation	Class II	Class II	Class II
Measurements	302x260x150 mm	303x253x150 mm	259x147x138 mm
Weight	4.45 Kg	3 Kg	1.2 Kg
Total power	1.640 W	1.640 W	1.100 W
Power consumption	7 A	7 A	4,8 A
Detection	Automatic	Autom/Push - button	Automatic
Cover			
Material	1. Stainless steel 2. Steel	ABS	ABS
Finish	1. Bright / Satin White epoxy 2.	White	1. White / Bright / Satin
Thickness	1.5 mm	3 mm	3 mm
Base: Material Thickness	ABS V0 3 mm	ABS V0 3 mm	PP + Talcum 3 mm
Motor: Type Class Power rpm Bushes lifespan Protection	Induction F 140 W 2,800 rpm --- Safety thermal cut-off auto-reset	Induction F 140 W 2,800 rpm --- Safety thermal cut-off auto-reset	Universal, brush motor B 150 W 15,000 rpm 1,000h/100,000 serv (cycle=39") Safety thermal cut-off auto-reset
Fan Wheel			
Tipo	Single inlet, centrifugal	Single inlet, centrifugal	Helicoidal
Material	PP V0	PP V0	PP V0
Caract. Fluidicas			
Effective air flow	215 m³/h (3,590 L/m)	215 m³/h (3,590 L/m)	102 m³/h (1,700 L/m)
Air velocity	50 Km/h	50 Km/h	100 Km/h
Heating Element (H.E): Power Wire Protection	1,500 W Ni-Crom 40 Safety thermal cut-off	1,500 W Ni-Crom 40 Safety thermal cut-off	950 W Ni-Crom Safety thermal cut-off
Air temperature	57°C	57°C	55°C
Sound pressure	57dBA	57dBA	67dBA
Protection level	IP21	IP21	IP23
Disconnection (continuous use time)	60"	M88PLUS: 45" M88APLUS: 60"	60"
ADA	---	---	---



HAND DRYERS

Table

	MODEL	OPERATION		MATERIAL / FINISH								
		manual	sensor	steel white epoxy	steel black epoxy	AISI 304 stainless steel bright	AISI 304 stainless steel satin	cast iron white enamelled coating	steel white enamelled coating	steel black enamelled coating	steel chrome bright	steel chrome satin
	dualflow plus											
	M24A		●									
	M24AB		●									
	M24ACS		●									
	M14A		●									
	M14AB		●									
	M14ACS		●									
	machflow plus / machflow											
	M19A		●	●								
	M19AB		●		●							
	M19AC		●			●						
	M19ACS		●				●					
	M09A		●	●								
	M09AB		●		●							
	M09AC		●			●						
	M09ACS		●				●					
	speedflow plus / speedflow											
	M17A		●	●								
	M17AB		●		●							
	M17AC		●			●						
	M17ACS		●				●					
	M17AF		●					●				
	M06A		●	●								
	M06AB		●		●							
	M06AC		●			●						
	M06ACS		●				●					
	M06AF		●					●				
	saniflow											
	E05	●		●								
	E05B	●			●							
	E05C	●				●						
	E05CS	●					●					
	E85	●						●				
	E88	●							●			
	E88B	●								●		
	E88C	●									●	
	E88CS	●										●
	E88O	●										
	E05A		●	●								
	E05AB		●		●							
	E05AC		●			●						
	E05ACS		●				●					
	E85A		●					●				
	E88A		●						●			
	E88AB		●							●		
	E88AC		●								●	
	E88ACS		●									●
	E88AO		●									
	mediflow											
	M02A		●	●								
	M02AB		●		●							
	M02AC		●			●						
	M02ACS		●				●					
	M03A		●	●								
	M03AB		●		●							
	M03AC		●			●						
	M03ACS		●				●					
	optima											
	M99A		●	●								
	M99AC		●			●						
	M99ACS		●				●					
	juniorplus											
	M88APLUS		●									
	M88PLUS	●										
	smartflow											
	M04A		●									
	M04AC		●									
	M04ACS		●									

HAND DRYERS

Table

steel gold- plated	ABS white	ABS black	ABS grey bright	ABS grey satin	Ionizer	HEPA filter media	Drain Pipe	ADJUSTABLE POWER	MOTOR			TRAFFIC FREQUENCY			MODEL	
									induction	brush	brushless	HIGH	MEDIUM	LOW		
												dualflow [®] plus				
	●				✱	●	✱				●	●			M24A	
		●			✱	●	✱				●	●			M24AB	
				●	✱	●	✱				●	●			M24CS	
	●				✱	●	✱	●		●		●			M14A	
		●			✱	●	✱	●		●		●			M14AB	
				●	✱	●	✱	●		●		●			M14CS	
												machflow [®] plus / machflow [®]				
					✱	✱		●			●	●			M19A	
					✱	✱		●			●	●			M19AB	
					✱	✱		●			●	●			M19AC	
					✱	✱		●			●	●			M19ACS	
					✱	✱		●		●		●			M09A	
					✱	✱		●		●		●			M09AB	
					✱	✱		●		●		●			M09AC	
					✱	✱		●		●		●			M09ACS	
												speedflow [®] plus / speedflow [®]				
					✱	●		●		●		●			M17A	
					✱	●		●		●		●			M17AB	
					✱	●		●		●		●			M17AC	
					✱	●		●		●		●			M17ACS	
					✱	●		●		●		●			M17AF	
								●		●		●			M06A	
								●		●		●			M06AB	
								●		●		●			M06AC	
								●		●		●			M06ACS	
								●		●		●			M06AF	
												saniflow [®]				
										●		●			E05	
										●		●			E05B	
										●		●			E05C	
										●		●			E05CS	
										●		●			E85	
										●		●			E88	
										●		●			E88B	
										●		●			E88C	
										●		●			E88CS	
●										●		●			E88O	
					●					●		●			E05A	
					●					●		●			E05AB	
					●					●		●			E05AC	
					●					●		●			E05ACS	
					●					●		●			E85A	
					●					●		●			E88A	
					●					●		●			E88AB	
					●					●		●			E88AC	
					●					●		●			E88ACS	
●					●					●		●			E88AO	
												mediflow [®]				
					●					●			●		M02A	
					●					●			●		M02AB	
					●					●			●		M02AC	
					●					●			●		M02ACS	
					●					●			●		M03A	
					●					●			●		M03AB	
					●					●			●		M03AC	
					●					●			●		M03ACS	
												optima				
					●				●				●		M99A	
					●				●				●		M99AC	
					●				●				●		M99ACS	
												juniorplus				
	●				●				●				●		M88APLUS	
	●								●				●		M88PLUS	
												smartflow [®]				
	●				●					●				●	M04A	
			●		●					●				●	M04AC	
				●	●					●				●	M04ACS	

✱ Optional