

HAND DRYER MACHFLOW® PLUS

the energy efficient
drying



EFFICIENT
HYGIENIC
MAINTENANCE FREE

mediclinics



BRUSHLESS MOTOR

Brushless motors are becoming more popular and they are gaining a lot of acceptance in recent years. They are used in leading industrial sectors such as automotive, aerospace and medical, or in automation and instrumentation equipment.

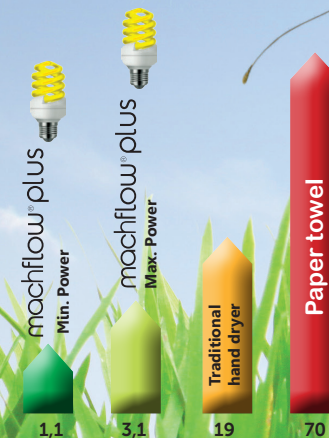
The key point of these motors is the lack of brushes. This avoids the problem of friction between brushes and the rotor commutator and for that reason their life span is much longer than that of a brush motor.

Precisely the life span of our extremely durable high-speed Class F brushless motor is > 5,000 hours.

Other advantages of our brushless DC motor, apart from its high life span, are:

- greater efficiency (less heat loss)
- higher performance
- maintenance free (no brushes to replace)
- less noise during operation
- higher speed range
- lower electrical noise (less interference in other circuits).

CONSUMPTION IN WATTS/HOUR PER DRYING CYCLE



THE MOST EFFICIENT SOLUTION

LOW CONSUMPTION



Minimum consumption
Between 1.1 and 3.1 Kw/h per drying cycle, according to the setting. One of the lowest in the market.

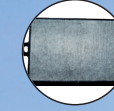


Adjustable motor speed
Adjustable energy consumption, sound pressure level and drying time, consequently.



Heating element with ON/OFF switch
Turn on and off the heating element. OFF setting from factory.

HYGIENE



HEPA filter media
Cleans the air stopping the particles of dirt, dust, pollen, etc. Fresh and particle-free air.



Ionizer ("Ion Hygienic")
Helps to clean and purify the air. It uses anions to remove dust, bacteria, or other allergens from the air so that it's healthier and purer (optional).



Automatic activation
The user does not need to touch the hand dryer, which helps prevent cross-contamination, improving hygiene and asepsis.

MAINTENANCE FREE



Brushless motor
Extremely durable high-speed Class F brushless motor with adjustable power, allowing electricity consumption and sound pressure to be regulated.

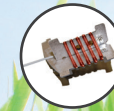


Plug-in system
Easy, practical, fast and secure system to install and uninstall a hand dryer, making maintenance much more efficient and reducing at the same time its costs (optional).

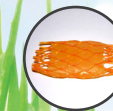


Easy to clean
Thanks to its design that allows an easy access to all areas to be cleaned with no nooks or points where dirt may accumulate.

COMFORT



Small heating element
A 400W ON/OFF heating element provides a pleasant user experience.



Air-freshener tablet
An excellent choice to eliminate personal washroom odor, providing a more pleasant atmosphere (optional).



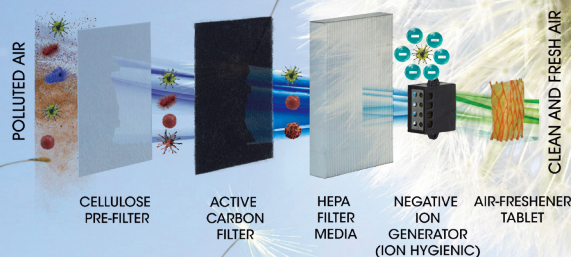
Highly-efficient air flow outlet
A well-designed air outlet blows a smooth air flow that cares for the user's hands, providing a pleasant hand drying experience.

Ion Hygienic by Mediclinics®



An air ionizer is a **device for cleaning and purifying 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.

Machflow Plus is much more hygienic than most hand dryers, thanks to the use of the **"Ion Hygienic"** technology, together with the three-layer **HEPA filter media** (cellulose pre-filter + active carbon filter + HEPA filter media) and the **air-freshener tablet**, eliminating most of the particles and germs carried by the air and making it **healthier and purer**.



Recessed kit

KT009 kit (white finish) or KT009CS (satin finish) allows you to mount the Machflow Plus hand dryer on the wall so that it doesn't protrude more than 100mm into the circulation path, complying with the American with Disabilities Act (ADA), specially designed for barrier-free collective spaces.



Dryer not included



Dryer not included



The Machflow Plus Plug-in technology

Ready to be used 24/7 thanks to its Plug-in **Machflow® Plus** technology. The substitution of the device for maintenance purposes is very easy (it can be replaced in less than 10 seconds thanks to the SMED system) and it doesn't have to be carried out by a qualified technician (the plug and outlet are electrically completely isolated).



Protection against electrical discharge with the **Machflow® Plus** Plug-in technology. The electrical connections are safer with the Machflow® Plus Plug-in technology than with the traditional electrical connection systems since this one prevents the risk of accidental contact with live electrical conductors and, hence, it avoids electrical shocks.

Step 1.
Wall base plate fixation



Step 2.
Assembly of the safety socket



Step 3.
Hand dryer installation to the wall



Range of finishes



White



Matte Black



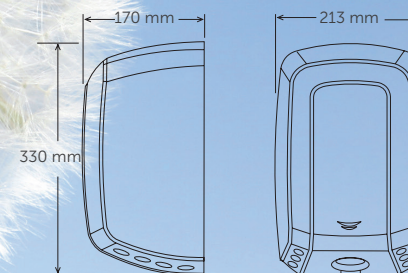
Bright



Satin

TECHNICAL SPECIFICATIONS MACHFLOW PLUS®

	Machflow Plus brushless motor	Machflow Plus brush motor
Voltage	100-120 V / 220-240 V	220-240 V
Frequency	50/60 Hz	
Electrical Isolation	Class I	
Total power	250 W – 1,100 W	420 W – 1,500 W
Consumption	1.3 A – 4.8 A	3.2 A – 6.4 A
Motor power	900 W	1,100 W
Rpm	17.600 – 27.600 rpm	19.000 – 30.000 rpm
Heating element power	200 W or 0 W (ON/OFF switch)	400 W or 0 W (ON/OFF switch)
Weight	5.5 Kg	5.1 Kg
Cover thickness	1.5 mm	
Drying time	8 - 15 s	
Air velocity	220 – 340 Km/h	191 – 325 Km/h
Air temperature	42 °C	45 °C
Sound pressure (at 2 m)	67 – 74 dBA	
Protection rating	IP23	



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