

HAND DRYER DUALFLOW PLUS

at the leading edge



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.

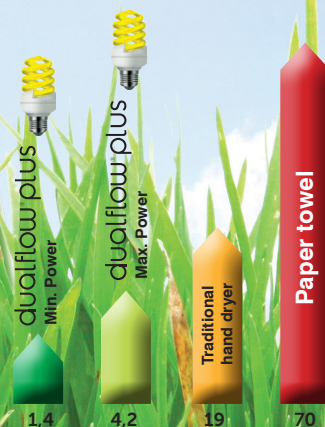
The key point of these motors is the lack of brushes. This avoids the problem of friction between brushes and the rotor commutator and for that reason their life span is much longer than that of a brush motor.

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



STATE-OF-THE ART HAND DRYER

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.

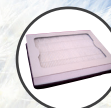


Adjustable motor speed
Adjustable energy consumption, sound pressure level and drying time, consequently.



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).



Antibacterial protection
Prevents the growth of bacteria, fungi and viruses in the machine.

MAINTENANCE FREE



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



Removable water tank
Water drops after hand drying get stored. The unit has an outer valve for easy emptying.



Connection to the drain pipe
First hand dryer with an optional direct connection to the waste pipe.

COMFORT



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



4 air outlets
Help distributing efficiently the air over the hands, while providing a pleasant massage.



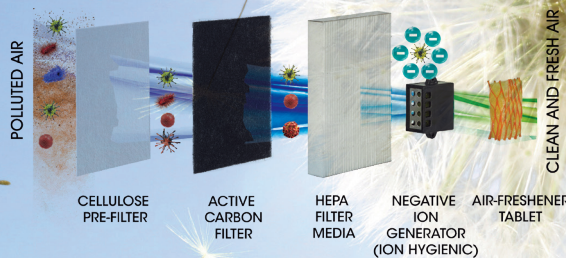
Air-freshener tablet
An excellent choice to eliminate personal washroom odor, providing a more pleasant atmosphere (optional).

Ion Hygienic by Mediclinics®



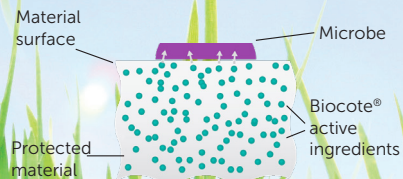
An air ionizer is a **device for cleaning and purifying the air**. It **uses anions** (particles with negative electrical charge) to remove dust, bacteria, or other allergens from the air so that it's healthier and purer.

Dualflow 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**.



Antibacterial protection by Biocote®

The Dualflow Plus© incorporates BioCote© silver ion technology, **providing a total antimicrobial solution**. BioCote© additive is embedded during the manufacturing process of those unit's components in direct contact with water and remains active until the end of life of the product.



Biocote® Antimicrobial Protection:

- Removes 80% of microbes in 15 minutes
- Removes 99.9% of microbes in 2 hours

Direct connection to the drain pipe

The DUALFLOW PLUS® hand dryer is the first one to feature a direct connection to the drainpipe. Thus the emptying of the water tank is not needed since the water always goes directly to the waste pipe.

Thanks to this system, the water is not spilled on the floor. It helps avoiding slips, a common cause of accidents while keeping a more hygienic and clean washroom.



KITDESM14A Optional kit for a direct connection to the waste pipe

This connection is carried out thanks to a connection kit, code **KITDESM14A**, based on a flexible plastic tube and its own fixation mechanism to the hand dryer water basin outlet, that can be easily installed in all Dualflow Plus, already installed or not.

Range of finishes



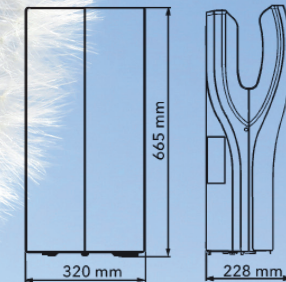
White

Black

Satin

TECHNICAL SPECIFICATIONS DUALFLOW PLUS®

	Dualflow Plus brushless motor	Dualflow 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	8.5 Kg	8.3 Kg
Cover thickness	3 mm	
Drying time	8 - 15 s	
Air velocity	234 – 410 Km/h	
Air temperature	38 °C	40 °C
Sound pressure (at 2 m)	62 – 72 dBA	
Protection rating	IPX4	



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