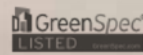
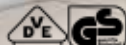




DUALFLOW PLUS

A new generation hand dryer, fast, powerful, efficient and with an elegant design

- Ultra-fast drying speed (8-15 seconds)
- Low energy consumption (1.8 - 4.2 W/h per drying cycle)
- Very low CO₂ emissions level
- Very low noise level in its category (62-72 dBA)
- Adjustable motor speed with a potentiometer (19,000-30,000 rpm)
- Air filtration with a HEPA filter (filters 99.95% of 0.3 micron particles)
- Removable water tank for cleaning and disinfection
- Optionally it can be connected directly to the waste pipe
- BioCote, inhibits the growth of bacteria that cause bad smells and stains
- Switch for turning the heating element on and off easily
- Easy maintenance and ADA compliant



DUALFLOW PLUS

a handdryer for a new generation

Dualflow Plus M14 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 volume traffic. Dualflow plus offers great features at a competitive price.



BIOCOTE

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



4 Air nozzles
For fastest hand drying



Luminous frontal leds
For a quick diagnosis of the hand dryer status

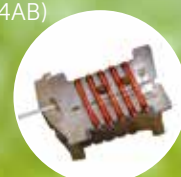
*dries hands
in 10-15
seconds*



3 most popular finishes
In white (M14A), satin (M14ACS) or black (M14AB)



Water from hands is collected
No hazardous water waste on the floor



Heating element
For maximum comfort



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



Drainpipe connection
First hand dryer directly connected to the drainpipe (Optional)



On/Off switch for heating element
Option to turn on/off the heating element



Air-freshener tablet
For a clean and fresh washroom (Optional)



H13 HEPA filter
To prevent growth of a wide of microorganism circulating in the air



Removable water tank
With external valve for easy emptying



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

COMPARATIVE CONSUMPTION - SAVING duoflow 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	

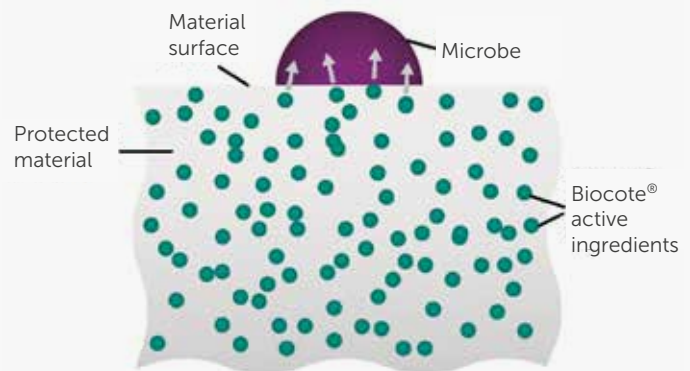
*Calculation basis 0.156674 eur/Kwh (VAT and taxes not included)

HYGIENE

Biocote® Antimicrobial Technology

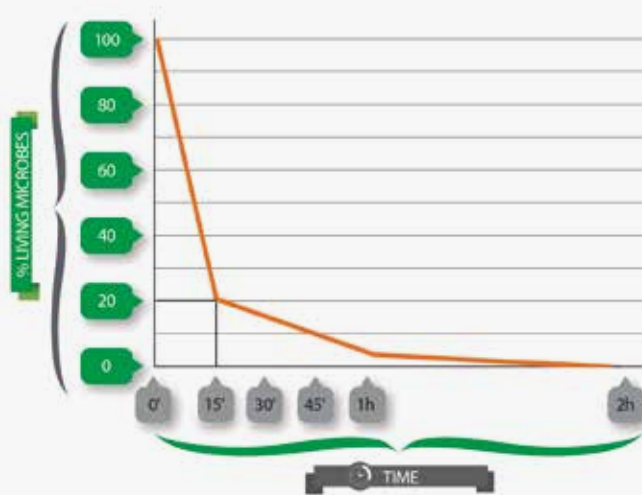
The Dualflow Plus incorporates BioCote® technology in additive form. This additive is incorporated at the time of manufacture of the machine's components that are in direct contact with the water and provides continuous antimicrobial protection.

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.



Biocote® Antimicrobial Protection:

- Removes 80% of microbes in 15 minutes
- Removes 99.9% of microbes in 2 hours
- Remains active until the end of the useful life of the product
- It is effective against bacteria, fungi and some viruses
- It acts continuously and relentlessly.



The level of microbes on a BioCote® protected surface is reduced up to 99.5% in two hours, compared to an untreated one. BioCote® technology starts to have an effect after just 15 minutes.



NOTE: BioCote® technology does not protect users or others against disease causing bacteria, germs, viruses or other harmful organisms. This technology is not a substitute for good hygiene and/or cleaning practises.

HEPA H13 Filter

The Dualflow Plus incorporates a HEPA 13 filter as standard that filters solid particles in suspension in the air, which significantly improves its quality. HEPA stands for "High Efficiency Particle Arrestance". It is a high-capacity filter that can trap a very high number of micro-particles such as pollen, dust mites and tobacco smoke.

- Blocks 99.95% of 0.3 µm particles
- Blocks smells (carbon filter)
- 100% resistant to moisture
- Maximum working temperature 70°C
- Cannot be washed

The HEPA filter removes more than 99.95% of particles larger than 0.3 microns in size (particles approximately 300 times smaller than the diameter of a human hair)

The HEPA 13 filter, in accordance with standard EN 1822:2009, has the following characteristics:



HAND DRYERS dualflow[®] plus

sensor operated



M14A

material: ABS
finish: white



M14AB

material: ABS
finish: black



M14ACS

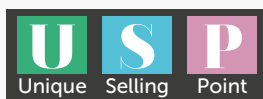
material: ABS
finish: satin



M14A · M14AB · M14ACS COMPONENTS AND MATERIALS

- High speed Class F universal brush motor.
- ABS cover
- Motor power adjustable, allowing electricity consumption to be regulated
- Minimum Heating element (only 400W) with switch "on/off" option
- IR sensors in both sides for automatic hands detection
- H13 HEPA filte, efficient to MPPS* > 99,95%, penetration at the MPPS* of 0,05%. Humidity resistance 100%
- Inner tank to collect the water. Removable water tank, with external valve for easy emptying
- Acoustic and optical warning of full water tank
- Frontal leds showing the status of the hand dryer
- Proven antimicrobial and antibacterial protection using silver ion technology from Biocote[®], resisting the growth of microbes e.g. bacteria and moulds, complementing the cleaning routines
- An optional odor neutralizer for a cleaner and more pleasant atmosphere in the bathroom is available (Ref. RC POM 14)

*MPPS: Most penetrating particle size



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. Thus the emptying of the water tank is eliminated because the water always goes directly to the waste pipe



Kit for the connection to the waste pipe KITDESM14A

M14A · M14AB · M14ACS TECHNICAL SPECIFICATIONS

Voltage	220- 240V
Frequency	50/60Hz
Electrical Isolation	Class I
Total power	420 – 1,500W
Consumption	3.2 – 6.4A
Motor power	420 – 1,100W
Rpm	19,000 – 30,000
Heating element power	0W or 400W (on/off switch)

Weight	8.3Kg
Cover thickness	3mm
Drying time	8-15sec
Air velocity	234 – 410Km/h
Air temperature (10 cm distance/21°C)	40°C
Sound pressure (at 2m)	62 – 72dBA
Protection rating	IPX4

