



DualFlow by HYSCON

d alflow[®] plus



8-15
seconds

HANDS-IN
MODEL

A new generation hand dryer; fast, energy efficient & stylish design.

The Dualflow[®] Plus provides a premium experience in every aspect. Very fast (8-15 seconds), quiet (only 62 dBA on the eco-setting) and pleasant to use. Very eco-friendly, saving more than 73% in terms of economical savings vs other “hands-in” dryers on the market. Operation of the unit is hands free, and excess water from hands, instead of dripping onto the floor, is collected in an inner tank.

- Ultra-fast drying time
- Minimum energy consumption
- Minimum CO₂ emissions
- Lowest noise level in its category
- Adjustable motor speed through a potentiometer
- Efficient air filter H13 HEPA
- Antimicrobial Biocote surface protection
- Removable water tank
- Easy maintenance
- ADA compliant
- GreenSpec listed



HANDS-IN HAND DRYER

dualflow® plus

DUALFLOW PLUS HANDS-IN HAND DRYER (ENVIRONMENTALLY FRIENDLY)

Dualflow Plus M14 is probably the most eco friendly "hands-in" type of dryer on the market. Designed with good looks for safe, fast, economical use in all washroom with high or low volume traffic.

Dualflow Plus offers **great features at a competitive price** like:

4 air nozzles
for fastest hand drying

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

BIOCOTE
antimicrobial technology is embedded to protect the relevant surfaces of the dryer.

Variable speed,
energy use, noise level and drying time are adjustable.

Luminous frontal leds
for a quick diagnosis of the hand dryer status.

2 most popular finishes
- In white (M14A),
satin (M14ACS)
or black (M14AB)
- immediate delivery.

H13 HEPA filter prevents growth of a wide of microorganisms 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
dualflow plus vs similar "Hands-in" hand dryers from other brands

	Wattage	Consumption €/Minute*	Consumption €/Hour*	Economical saving Dualflow® Plus vs competitors %
European "hands-in"	1600	0,004	0,251	73,71 %
Asian "hands-in"	1750	0,005	0,274	75,71 %
Dualflow® plus	420	0,001	0,066	

*Calculation basis 0,156674 eur/Kwh (VAT and taxes not included)

HANDS IN HAND DRYER dualflow[®] plus

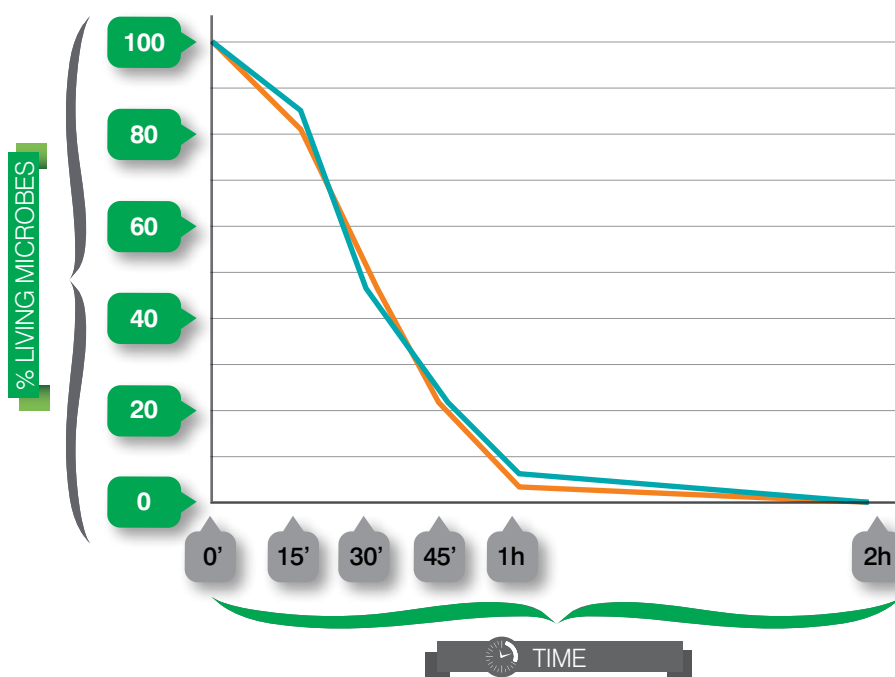
anti-microbial protection

BIOCOTE ANTI-MICROBIAL AGENT

Dualflow Plus utilizes **BIOCOTE** antimicrobial technology. The inclusion of **BIOCOTE**, a silver based antimicrobial agent that is embedded into the key parts of the drying system, inhibits the growth of odour causing and staining microbes. It makes the **DUALFLOW PLUS** one of the most stain and odour resistant hand dryers in the market.

BIOCOTE antimicrobial protection technology is built in all parts of the drying chamber and also in the water tank during manufacturing.

BIOCOTE antimicrobial protection, as an integrated part of our product development is intended as a hygienic additional to normal cleaning practices, not a substitute.



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.



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.

The H13 Hepa filter in the Dualflow plus captures more than 99% of allergens in the air by filtering the air through a 30mm thick 3 coat filter. The filter blocks at least 99.95% of particles that are 0.3 micron in size (approximately 300 times smaller than the diameter of a human being hair).

The H13 HEPA filter ("High Efficiency Particulate Air" or "High Efficiency Particulate Arrestance") according to EN 1822: 2009 has the following characteristics:

- ✓ Efficiency in the MPPS > 99.95% (total value)/99.75% (local value).
- ✓ 0.05% (total value)/0.25% (local value) penetration in the MPPS.
- ✓ 100% resistance to humidity
- ✓ Max. 70°C at working temperature.

**MPPS = Most penetrating particle size*



(Ref. RCFILTROHEPA 2)

HAND DRYERS dualflow[®]plus

sensor operated

M14A

material: ABS
finish: white



M14ACS

material: ABS
finish: satin



M14AB

material: ABS
finish: black



M14A · M14ACS · M14AB

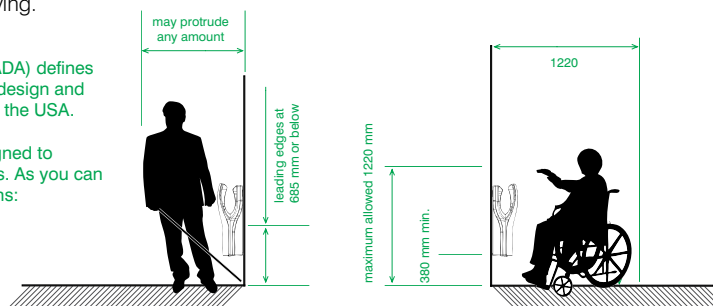
COMPONENTS AND MATERIALS

- High speed Class F universal brush motor. No heating element.
- ABS cover.
- Motor power adjustable, allowing electricity consumption to be regulated.
- IR sensors in both sides for automatic hands detection.
- H13 HEPA filter, efficient to MPPS* >99,95%, penetration at the MPPS* of 0,05%. Humidity resistance 100%.
- Internal tank to collect the water. Removable water tank, whit 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)

The American with Disabilities Act (ADA) defines the accessible requirements for the design and construction of washroom spaces in the USA.

The dualflow[®]plus has been designed to comply with these recommendations. As you can see on these examples of installations:



ALSO
AVAILABLE IN
BLUE ANGEL
VERSION



M14A · M14ACS · M14AB

TECHNICAL SPECIFICATIONS

Cover thickness	3 mm	Protection level	IPX4
Voltage	220-240 V	Automatic disconnection	30 seconds
Frequency	50/ 60 Hz	rpm.	19000 – 30000
Electrical insulation	Class I	Air temp. (room temp. = 21°C)	35°C
Power consumption	3,2 – 5 A	Estimated drying time	8-15 sec
Weight	8,3 Kg	Sound level (at 2 m)	62-72 dBA
Max. air velocity	410 Km/h		
Total power	420-1100 W		

