

**DUALFLOW PLUS
ABS SATIN FINISH**

Code: **M12ACS**

General Description

- Innovative hands-in design.
- 2 IR sensors on both sides of the product for instant hands detection.
- Maximum air speed 410 Km/ h. Dries hands in only 8 to 10 seconds.
- Motor power adjustable, allowing electricity consumption to be regulated.
- Over 73% saving in energy consumption compared to equivalent dryers.
- 30 seconds safety timer.
- Lowest noise level in its category.
- Suitable for medium and high traffic facilities.
- Easy maintenance.

Components & Materials

- ABS satin cover, 3 mm thick.
- High speed class F universal brush motor, adjustable from 19000 to 30000 rpm.
- No heating element.
- 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.
- Filters with antibacterial treatment, SurfaceAide[™] XL, which avoids the spread of bacteria.
- Water tank with Biocote[®] protection, with an outside valve for an easy emptying.
- Luminous frontal leds for a quick diagnosis of the hand dryer status, including an acoustic and optical warning of full water tank.
- Neutralizer to remove unpleasant odours (optional).
- Antigraffiti treatment front (optional).

Technical Specifications

Cover thickness	3 mm	Total power	420-1100 W
Voltage	220-240 V	Max. Air velocity	410 Km/h
Frequency	50/60 Hz	Automatic disconnection	30 sec.
Electrical insulation	Class I	Power Consumption	3.2-5 A
Protection level	IPX4	r.p.m.	19000-30000
Weight	8.3 Kg	Drying time	8-10 sec.
Air temperature (at 21°C)	40°C	Noise level (at 2 m)	65-68 dB



Operation

Place hands inside the hand dryer. An electronic system based on infrared sensors will detect them and the unit will start automatically working and go on with no interruption during 30 seconds. When hands are removed the dryer will stop.

Certificates & Qualifications

ISO 9001:2008, CE, GS. Compliant with Electrical Safety Directives 73/23/CEE & 93/68/CEE and Electromagnetic compatibility directives 89/336/CEE & 92/31/CEE.
Fulfil ADA/ UNE requirements for a barrier-free washroom.

N° dryers to be fitted

In toilet areas with a normal frequency of use and only one wash-basin: 1 dryer.
In toilet areas with a normal frequency of use and more than one wash-basin: 1 dryer for each 2 wash-basins.
1 row of 4 wash basins: 2 dryers; 1 row of 6 wash basins: 3 dryers; 1 row of 8 wash basins: 4 dryers.
In toilet areas with high traffic and more than one wash-basin: 2 dryers for each 3 wash-basins.
1 row of 4 wash basins: 3 dryers; 1 row of 6 wash basins: 4 dryers; 1 row of 8 wash basins: 5 dryers.

Installation height and ideal location

The installation height is 93 cm from the floor to the top part of the dryer.
The ideal location is between the wash-basin and exit. It is not recommended to install dryer between wash-basins, next to urinals, lavatories and showers. If installing automatic dryers over marble surface or ledge, the minimum distance from the dryer to the ledge must be 400 mm. It is recommended that hand dryers be distributed throughout the washroom area to avoid overcrowding.

Specification

Surface mounted and CE/GS compliant hand dryer shall be manufactured with high-impact 3 mm thick ABS cover, satin finish. The dryer should be 220-240V voltage. The dryer shall be activated through an infrared electronic sensor when putting hands inside the dryer and shall automatically turn off after hands are removed. High speed universal brush motor should be from 420W to 1100W power, adjustable from 19000 to 30000 rpm, F class. The dryer shall have a maximum power of 1100 Watts with a consumption of 5 A (at 220 V). Noise level should be from 65 to 68 dB at 2 m distance. Protection level against water splashes should be rating IPX4. Overall dimensions shall be 656 x 320 x 226 mm. Unit shall CE marked and comply with electrical safety directives 73/23/CEE & 93/68/CEE and electromagnetic compatibility directives 89/336/CEE & 92/31/CEE.

Mediclinics, S.A., reserves the right to make changes and/or modifications to the products and their specifications without prior notice.

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