

**DUALFLOW PLUS  
ABS SATIN FINISH**

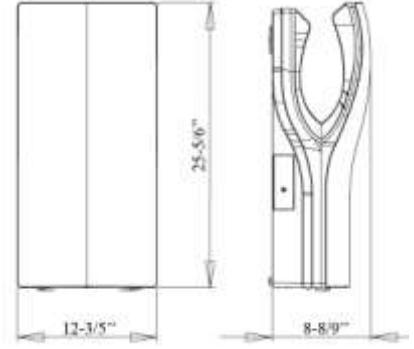
**Code: M12ACS-UL**

- General Description**
- Innovative hands-in design.
  - 2 IR sensors on both sides of the product for instant hands detection.
  - Motor power adjustable, allowing electricity consumption to be regulated.
  - Maximum air speed 232.6 MPH. Dries hands in only 8 to 10 seconds (high speed).
  - Over 58% 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.
  - GreenSpec Approved & offering LEED Credits

- Components & Materials**
- 5VA ABS satin cover, 1-1/6" mm thick.
  - High speed class A universal brush vacuum motor, adjustable from 19000 to 28000 rpm.
  - Adjustable motor power from 350 W to 1050 W.
  - 250 W heating element. It can be easily switched off by means of "on/off" button.
  - Proven antimicrobial and antibacterial protection using silver ion technology from Biocote<sup>®</sup>, resisting the growth of microbes e.g. bacteria and moulds, complementing the cleaning routines.
  - Filters with antibacterial treatment, SurfaceAide<sup>™</sup> XL, which avoids the spread of bacteria.
  - Water tank with Biocote<sup>®</sup> 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).

**Technical Specifications**

Cover thickness	1-1/6"	Heating element power	250 W
Voltage	110-120 V	Total max. power	1300 W
Frequency	60 Hz	Max. Air velocity	232.6 MPH
Electrical insulation	Earthed	Automatic disconnection	30 sec.
Protection level	IPX4	Power Consumption	6.8 -10.6 A
Weight	18.3Lbs	r.p.m.	19000-28000
Air temperature (at 70°F)	104°F	Drying time (high speed)	8-10 sec.
Motor power	350-1050 W	Noise level (at 79")	65-68 dB



Dim ± 4%

**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, UL. Compliant with Electrical Safety Directives 73/23/CEE & 93/68/CEE and Electromagnetic compatibility directives 89/336/CEE & 92/31/CEE. UL according to UL499 13<sup>th</sup> edition and CSA according to CSA C22.2 number 36-08 – 7<sup>th</sup> edition. Fulfil ADA/ UNE requirements for a barrier-free washroom. GreenSpec & LEED Certified.

### **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 36-3/5" 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 15-3/4". It is recommended that hand dryers be distributed throughout the washroom area to avoid overcrowding.

### **Specification**

Surface mounted and CE/UL compliant hand dryer shall be manufactured with high-impact 1-1/6"mm thick ABS cover, satin finish. The dryer should be 110-120 V 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 350W to 1050W power, adjustable from 19000 to 28000 rpm, F class, with a heating element power of 250 W maximum. The dryer shall have a maximum power of 1300 Watts with a consumption of 10.6 A (at 120 V). Noise level should be from 65 to 68 dB at 79" distance. Protection level against water splashes should be rating IPX4. Overall dimensions shall be 25-5/6" x 12-3/5" x 8-8/9". Unit shall UL/CUL approved, according to UL499 13<sup>th</sup> edition and CSA C22.2 number 36-08 – 7<sup>th</sup> edition and GreenSpec approved.

Surfaced mounted hand dryer shall be Model M12ACS-UL sensor operated, high impact ABS in satin, manufactured by Saniflow Corporation, 3325 NW 70th Avenue, Miami, FL 33122.

**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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