

**DUALFLOW PLUS
ABS WHITE FINISH**

Code: M12A-UL

General Description

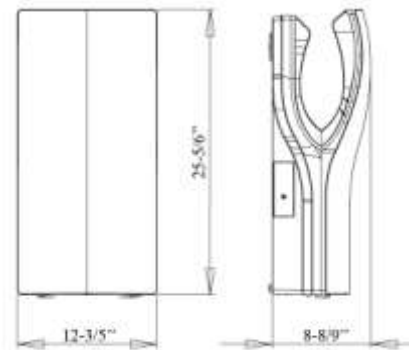
- Innovative hands-in design.
- 2 IR sensors on both sides of the product for instant hands detection.
- Motor power adjustable, allowing electricity consumption to be regulated.
- Maximum air speed 232.6 MPH. Dries hands in only 10 -15 seconds (high speed).
- Over 57% saving in energy consumption compared to equivalent dryers.
- 30 seconds safety timer.
- Lowest noise level in its category.
- Suitable for medium & high traffic facilities.
- Easy maintenance.
- GreenSpec Approved & offering LEED Credits

Components & Materials

- High impact 5VA ABS white 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[®], resisting the growth of microbes e.g. bacteria and moulds, complementing the cleaning routines.
- Filter with antibacterial treatment, SurfaceAide[™] XL, which avoids the spread of germs and bacteria circulating in the air.
- Water tank with Biocote[®] protection, with an outside valve for an easy emptying.
- 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 (on/off option)
Voltage	110-120 V	Motor power	350-1050 W
Frequency	50/60 Hz	Total power	600 -1300 Watts
Electrical insulation	Class I (grounding protection required)	Automatic disconnection	30 sec.
Protection level	IPX4	Power Consumption	6.8 -10.6 A
Weight	18.3Lbs	r.p.m.	19000-28000 (adjustable)
Drying time	10 – 15 sec	Motor power	350-1050 W
Air temperature (at 70°F)	104°F	Effective airflow	65.92 – 91.23 CFM
Max. Air velocity	232.6 mph	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 13th edition and CSA according to CSA C22.2 number 36-08 – 7th edition. Fulfil ADA/ UNE requirements for a barrier-free washroom. GreenSpec & LEED Certified.

Nº 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, white. 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 13th edition and CSA C22.2 number 36-08 – 7th edition and GreenSpec approved.

Surfaced mounted hand dryer shall be Model M12A-UL sensor operated, high impact ABS in white, 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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