

**Hand dryer Mediflow with thermostatic control system  
steel white epoxy**
**Code: M02A**
**General description**

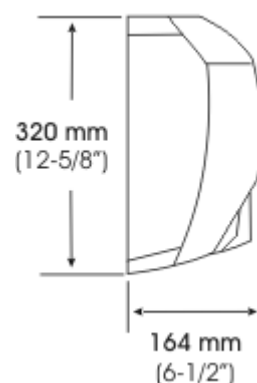
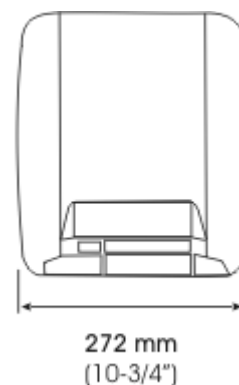
- Warm air hand dryer.
- Sensor operated by hand approximation.
- Airflow temperature electronic regulation.
- Maximum power and airflow.
- Maximum robustness and vandal-proof.
- Suitable for very high traffic facilities.
- Recessed kit that conforms to ADAAG projection also available.
- It normally goes along with a soap dispenser.

**Components and Materials**

- Steel one-piece high quality and high impact cover white epoxy coated, 1,9 mm thick. Cover fixed to the base by means of 2 vandal-proof lock screws and lock with special Mediflow ® wrench.
- Fire resistant plastic UL 94-V0 base and fan scroll, with 4 Ø 8 mm holes for wall mounting. It includes silent-blocks to damp mechanical vibrations.
- Universal brush motor, 4.500 rpm, F class, includes a self-resetable thermal cut-off at 120 °C.
- Aluminium centrifugal double asymmetrical inlet fan wheel.
- Fe, Al & Cr taped wire heating element mounted on a mica frame that incorporates a self-resetable thermal cut-off at 110 °C. Automatic disconnection ½ second before motor stop. Automatic regulation of air temperature on ambient temperature.
- Fully adjustable (5-20 cm) IR electronic detection sensor by means of a potentiometer. Sensor with polycarbonate viewing window. Selective detection of fixed targets and automatic disconnection system after 120 seconds of continuous use.

**Technical Specifications**

Voltage - 220-240 V	Total power - 250- 2750 W
Frequency - 50/60 Hz	Motor power - 250W
Electrical isolation - Class II	Heating element power - 0- 2500 W
Dimensions - 320x 272x 164 mm	Consumption - 1,1-12 A
Weight - 4,85 Kg	RPM - 4500
Effective airflow - 450 m³/h / 7.500 l/min	Air temperature(10 cm distance / 21 °C) - 49°C
Nominal airflow - 540 m³/h / 9000 l/min	Noise level (at 2 m) - 65dB
Air velocity - 95 Km/h	Protection level - IP23



Dim.: ±4%

**Operation**

Place the hands under the air outflow valve. The dryer will start automatically, and go on with no interruption as long as the hands are kept in the detection range of the sensor. The appliance will stop 2 seconds after the hands are removed from the airflow. As a safety measure, the appliance will stop after 120 seconds.

**Installation**

Please refer to Back

#### Certificates & Qualifications

ISO 9001:2008, CE, AENOR, VDE, GOST. compliant with electrical safety directives 73/23/CEE & 93/68/CEE and electro-magnetic compatibility directives 89/336/CEE & 92/31/CEE. The recessed version complies with ADAAG projection requirements.

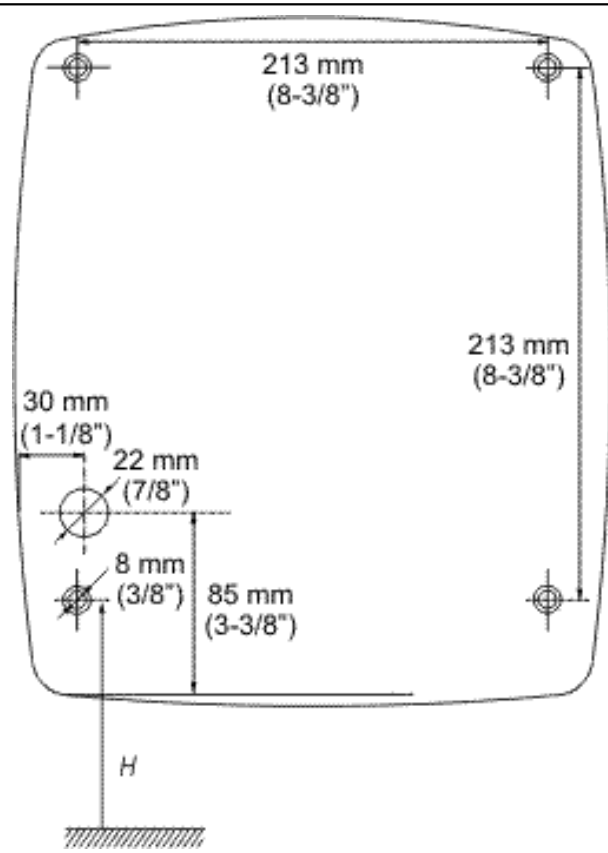
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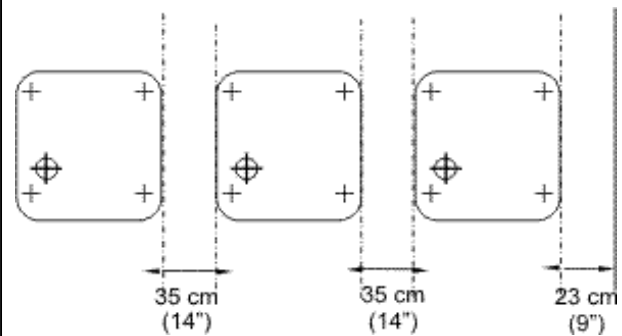
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### MOUNTING



### SERIAL MOUNTING



#### 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.

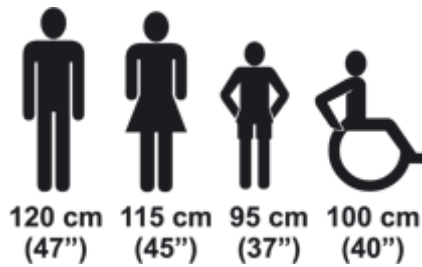
1 row of 4 wash basins: 3 dryers; 1 row of 6 wash basins: 4 dryers; 1 row of 8 wash basins: 5 dryers.

#### Ideal Location:

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.

### RECOMENDED HEIGHTS

## DISTANCE FROM THE FLOOR



### Specification

Surface mounted vandal resistant hand dryer shall be manufactured with one-piece high quality and high impact 1,9 mm thick steel cover, white epoxy coated, and fixed to the base by means of 2 vandal-proof lock screws and lock with special Mediflow ® wrench. The back base shall be fire resistant plastic UL 94-V0 and with 4 holes Ø 8 mm for wall mounting, including silent-blocks to damp mechanical vibrations. The dryer shall be activated through an infrared electronic sensor and shall automatically turn off two second after hands are removed. Sensor shall automatically shut dryer off approximately 120 seconds after dryer turn on if inanimate object is placed. The sensor should be fully adjustable (5-20 cm) by means of potentiometer, and should be equipped with a polycarbonate viewing window. Universal motor shall be 250 W, 4.500 rpm, class F, including a self-resetable thermal cut-off which will disconnect at 120°C. The Fe, Al & Cr heating element should incorporate a self-resetable thermal cut-off which will disconnect at 110°C. The heating element should be Automatic disconnected ½ second before motor stop. The heating element should incorporate an automatic regulation of air temperature on ambient temperature system. The hand dryer should have an aluminium asymmetrical double inlet fan wheel, and the fan scroll shall be made of a fire resistant plastic UL 94-V0. Dryer shall deliver 450 m3/h of air at 49 °C and 95 Km/h velocity during user controlled drying cycle. The dryer shall have a total power of 2.750 Watts with a consumption of 12 A. Noise level should be 65 dB at 2 m distances. Protection level against water splashes should be rating IP23. Overall dimensions shall be 320 x 272 x 164 mm. Unit shall VDE approved and CE marked and comply with electrical safety directives 73/23/CEE & 93/68/CEE and electro-magnetic compatibility directives 89/336/CEE & 92/31/CEE. In recessed version should comply with ADA projection requirements. Surface mounted hand dryer shall be model M02A sensor operated, steel white epoxy finish, manufactured by Mediclinics S.A., C/ Industria 54, E-08025 Barcelona, Spain.

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