HAND DRYERS

SENSOR OPERATED	U-FLOW



M23A
White finish



M23AB
Black finish



M23ABT
All black finish



M23ACS
Satin finish

General description

- The U-Flow is a fast, energy efficient, environmentally friendly, hygienic & stylish hand dryer, suitable for high traffic facilities.
- "Hands-thru" model, it has one pair of IR sensors on both upper sides for instant hand detection.
- Maximum air speed 350 km/h.
- Dries hands in only 8 / 10 seconds.
- Adjustable motor power, allowing electricity consumption to be regulated between 420 and 1,100W.
- HEPA media filter that filters the solid particles in suspension (pollen, dust mites, tobacco smoke, etc.) significantly improving air quality, and with an anti-theft system as standard.
- It is delivered with an ionizer ("Ion Hygienic" technology) as standard that purifies the air through negatively charged particles (anions), eliminating many of the particles and germs carried by the air, making it healthier and pure. These ions inhibit the reproduction of micro-organisms in the product throughout its lifetime.
- Plug-in system as standard that facilitates a safer, more efficient and faster connection to the machine
- With Biocote® antimicrobial and antibacterial protection technology based on silver ions.
- 30 seconds safety timer.
- Lowest noise level in its category. (72.5-76.5 dBA).
- Easy maintenance, it can be connected directly to the main waste pipe of the bathroom to eliminate waste water from hand drying. Connection pipe as standard.
- Removable water tank with optional anti-theft system.

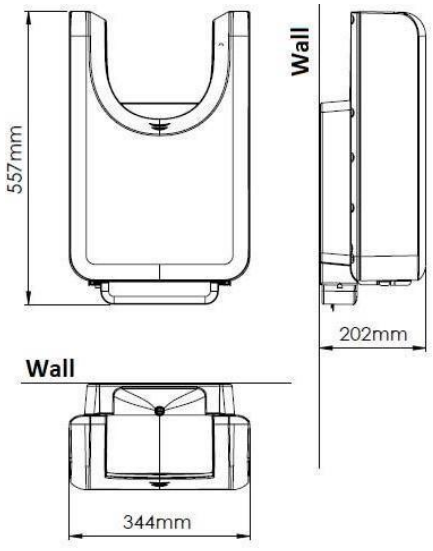
Components and materials

- **COVER:** made of high impact ABS.
- **BASE PLATE:** made of plastic PA6V0.
- **MOTOR:** high-speed class F universal brush motor, adjustable from 19,000 to 30,000 rpm, allowing electricity consumption and sound pressure to be regulated.
- **HEATING ELEMENT:** of 400W, made of a wavy wire and mounted on a mica frame.
- **HEPA MEDIA FILTER:** cartridge that holds an HEPA media filter that filters suspended solid particles (pollen, dust mites, cigarette smoke, etc.), notably improving the air quality. Furthermore, this cartridge also contains an activated carbon filtering media that neutralises odours and absorbs smokes and gases, helping avoid bad odours. It comes as standard.
- **IONIZER:** cleans and purifies the air through negative ions (anions) which remove microscopic particles from the air making it healthier. It comes as standard.
- **CONNECTION TO THE WASTE PIPE:** Included from the factory with the hand dryer. It can be connected directly to the waste pipe. Thus, there is no need to empty the water tank because the water always goes directly to the waste pipe.

Technical Specifications

Voltage	*220- 240 V*
Frequency	*50/60 Hz*
Electrical Insulation	*Class I*
Total power	*420 – 1,500 W*
Consumption	*3,2 – 6,4 A*
Motor power	*420 – 1,100 W*
Rpm	*19,000 – 30,000*
Heating element power	*400 W (with "ON/OFF"switch)*
Dimensions	*557x344x202 mm*
Weight	*7,1 Kg*
Cover thickness	*3 mm*
Drying time	*8-10 sec.*
Air speed	*252 – 350 Km/h*
Air temperature (10 cm distance/21ºC)	*40 ºC*
Protection rating	*IP23*

Dimensions



Dimensions: ± 4%

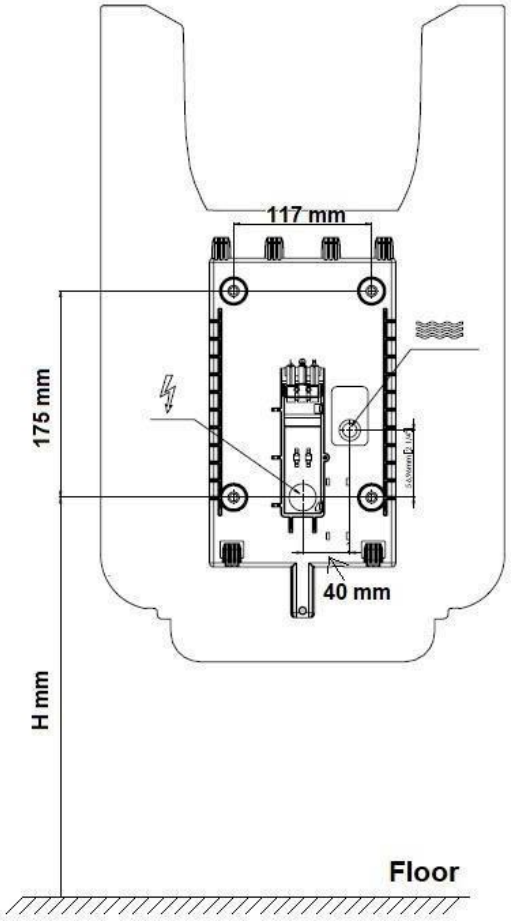
- **INNER TANK:** collects the water. It is removable. Also, the U-flow can be connected directly to the waste pipe.
- **AUTO-CHECK LIGHTING:** for fast diagnosis of the dryer dryer (green – Stand by, yellow - machine running, blue - full tank, red - check engine). Optical and acoustic full tank warning.
- **ODOUR NEUTRALISER:** for a cleaner and more pleasant atmosphere in the bathroom. (optional).

Operation

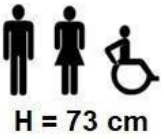
Place your hands between the air outlets, in the “U” area, near the IR sensors. The dryer will start automatically and remain on with no interruption as long as your hands are kept in the detection range of the sensor. Move your hands as you like but always within the detection range of the sensors. The appliance will stop 2 seconds after your hands are removed from the airflow.



Mounting



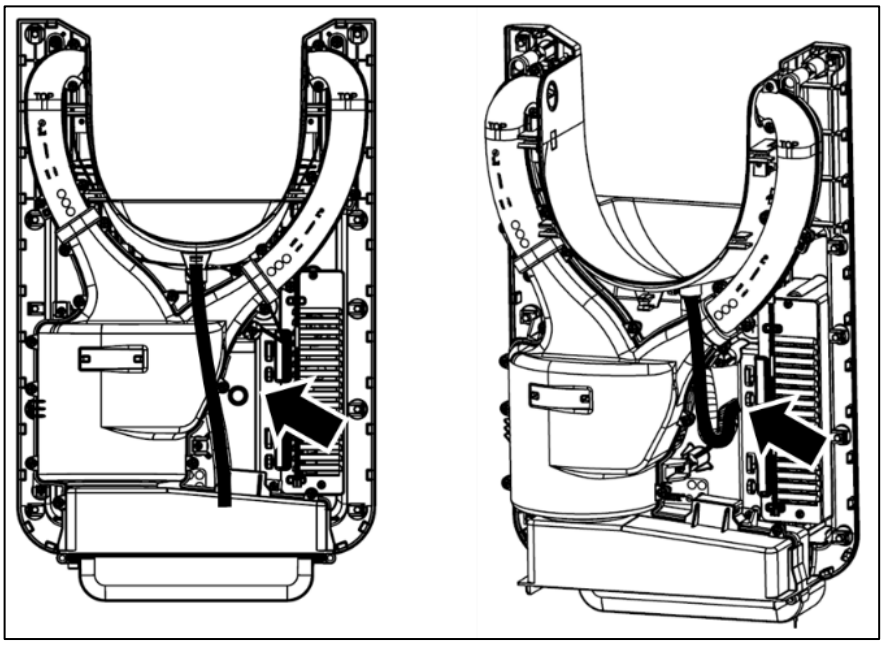
Recommended heights distance from the floor



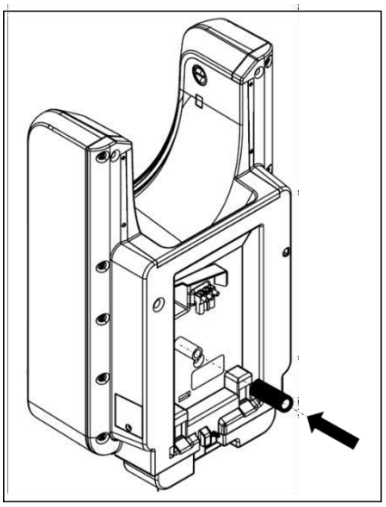
Connection to the waste pipe

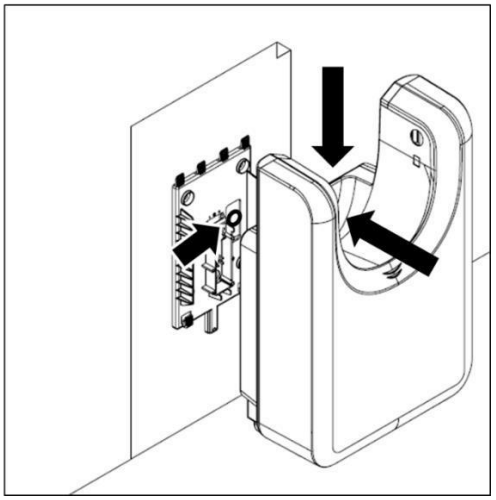
The M23A hand dryer is designed for direct connection to the main water drain. Follow the steps below to make the connection:

Remove the cover and connect the end of the drain pipe, which goes to the water tank, to the hole in the base marked with an arrow in the figures. Close the cover.



Fit the hose supplied with the machine to the water drain at the rear of the machine. Mount the machine on the wall keeping in mind that the hose mounted on the machine must enter the drain in the wall.





Text for prescription

Hands-through automatic hand dryer shall be U-shaped and equipped with infrared sensors on both upper sides (barrier-type detection). The unit shall weigh 7,10 kg. Four models shall be available, all made of ABS: white, black, all-black, and satin finish. The housing shall have a thickness of 3 mm. The dryer shall be equipped with a brushed Class F motor, with an adjustable speed range between 19.000 and 30.000 rpm and motor power between 420 and 1.100 W. It shall include a heating element with on/off switch and power of 400 W. The unit shall operate at 50/60 Hz and 220-240 V, with a total power of 420 to 1.500 W with a consumption of 3,2 to 6,4 A. Drying time shall be 8-10 seconds with an airspeed of 252–350 km/h. The dryer shall incorporate as standard a HEPA filter, an ionizer, and antimicrobial protection (based on silver ion technology) in all user-contact areas. The unit shall include two water collection tanks: an upper tank of 0,2 L and a lower tank of 0,45 L, with the option for drainage connection. Plug-in system shall be included as standard version. The unit shall comply with current applicable standards for hand dryers (EN 60335-1, EN 60335-2-23, EN 61000-3-2, and EN 61000-3-3).

Certificates and Qualifications

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