# dualflow°plus

M14A-UL / M14ACS-UL / M14AB-UL

## **General Description**

- High speed "Hands in" hand dryer, with an inovative design, recommended for high traffic areas. Surface ADA-compliant.
- 2 pair of IR Sensors on both sides of the upper covers
- Lowest noise level in its category
- 30 second safety timer.
- Easy maintenance removable water tank with Biocote protection.
- HEPA filter included as standard.
- GreenSpec approved & offering LEED Credits.

## **Components & Materials**

- M14A-UL: High impact ABS UL 94V0 Cover; White. Antimicrobial agent applied in several areas of the dryer and water tank, using silver ion technology from Biocote, resisting the growth of microbes. e.g. bacteria, mould, and fungus, complementing the cleaning routines.
- **M14ACS-UL:** High impact ABS UL 94V0 Cover; Satin. Antimicrobial agent applied in several areas of the dryer and water tank, using silver ion technology from Biocote, resisting the growth of microbes. e.g. bacteria, mould, and fungus, complementing the cleaning routines.
- M14AB-UL: High impact ABS UL 94V0 Cover; Black. Antimicrobial agent applied in several areas of the dryer and water tank, using silver ion technology from Biocote, resisting the growth of microbes. e.g. bacteria, mould, and fungus, complementing the cleaning routines.
- ADJUSTABLE MOTOR: High pressure universal brush motor, class A isolated, fully adjustable (19,000-28,000 rpm) potentiometer allowing electricity consumption to be regulated, Class A; The motor includes a self resettable thermal cut off that it opens at 239°F. Automatic disconnection system after 30 seconds of continuous use.
- HEATING ELEMENT: 250 Watts. It can be easily switched off by means of ON/OFF button.
- FILTER: Cartridge that holds a HEPA filter media that filters suspended solid particles (pollen, dust mites, cigarette smoke, etc.), notably improving the air quality.
- WATER TANK: Fully removable water tank with Biocote protection, and an outside valve for easy emptying. It is possible to connect the water outlet to the waste pipe directly.
- LED DISPLAY: Luminous frontal leds for a quick diagnosis of the hand dryer status, including an acoustic and optical warning of full water tank. (green color: device working, blue color, when water collection tank needs emptying; red color: check the motor)

#### **Technical Specifications**

| Voltage - 100-120V; 208V; 220-240V        | Total power - 350-1,300 W                                           |  |
|-------------------------------------------|---------------------------------------------------------------------|--|
| Frequency - 50/ 60 Hz                     | Motor power - 350-1,050 W                                           |  |
| Insulation - Grounding required (Class I) | Heating element power - 0 or 250 W                                  |  |
| Dimensions - 26 1/8"H x 12 5/8"W x 9"D    | Consumption -<br>3-10.8 A H. Element "ON"<br>3-9 A H. Element "OFF" |  |
| Weight - 18,3 Lbs.                        | r.p.m 19,000-28,000 rpm                                             |  |
| Effective airflow - 95 CFM                | Air temperature -<br>(at 4″ distance/ T amb. 70 °F) 102 °F          |  |
| Max air velocity: 255 mph/ 20,468 LFM     | Drying time - 10-15 sec                                             |  |
| Protection level - IPX4                   | Noise level (at 79") - 62-72 dBA                                    |  |
|                                           |                                                                     |  |

## Operation

Place hands into cavity of hand dryer. Slowly move hands up and down until dry. 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.











Please mark the selected item



# code

# M14A-UL

material high impact ABS UL 94V0 cover finish white



## code M14ACS-UL

material high impact ABS UL94V0 cover finish satin



# code M14AB-UL

material high impact ABS UL94V0 cover finish black

Saniflow Corp reserves the right to make changes and/or modifications to the products and their specifications without warning or notice.

For further info please contact SANIFLOW on: Toll free: **1-877-222-9125** or visit our website at **www.saniflowcorp.com** Tel: +1 (305) 424 2433 Fax: +1 (305) 424 2435 · **sales@saniflowcorp.com** 

HandDryerUSA.com | 800-710-6255 | sales@handdryerusa.com





## Installation

Verify all rough-in dimensions prior to installation. Hand dryers require a dedicated circuit and must be properly grounded. A GFCI (Ground fault circuit interrupter) is recommended. The ideal location is between the wash-basin and exit. It is recommended that hand dryers be distributed throughout the washroom area to avoid overcrowdling.

#### **Certificates & Qualifications**

Fulfill ADA requirements for a barrier-free washroom. GreenSpec approved & offering LEED Credits. UL and CSA approved according to UL 499and CSA C22.2 standards.

#### 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 2-3 wash basins.
- In toilet areas with multiple wash basins: 4 wash basins: 2 dryers; 1 row of 6 wah basins: 2-3 dryers; 1 row of 8 wash basins: 3 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. It is recommended that hand dryers be distributed throughout the washroom area to avoid overcrowding.

#### **Guide specification**

Surface-mounted ADA-compliant hand dryer shall have a high impact 1/8" thick ABS cover in white (M14A-UL) satin finish (M14ACS-UL) and black (M14AB-UL). Hand dryer shall include a fully adjustable (19,000 -28,000 RPM) universal-type brush motor, with a heating element (switch on/off option) power of 250W. Noise level should be from 62-72 dBA while delivering 55-89 CFM of air at 104°F and 233 mph as maximum air velocity (Max - 20,451 LFM) during user controlled drying cycle. Dryer shall have a total power of 350-1,300 W with a consumption of 8 to 10 A with the heating element "On". Protection level against water splashes should be rating IPX4.

Unit shall be UL and CSA approved, according to UL 499, 13th Edition, CSA C22.2 standards, and GreenSpec approved.

## **Overall dimensions:**

**Recommended heights** 

x To top of machine

y To mounting brackets

**z** To electrical entry point

from floor

**M14A-UL, M14ACS-UL, M14AB-UL:** 26 1/8"H x 12 5/8"W x 9"D (665 mm x 320 mm x 228 mm) Weight: 18.3 Lbs. (8.3 kg)

Male

36 1/4" / 92 cm

33 1/2" / 85 cm

22 1/2" / 57 cm

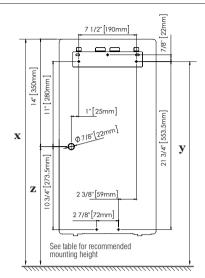
Female

36 1/4" / 92 cm

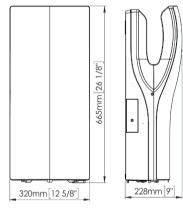
33 1/2" / 85 cm

22 1/2" / 57 cm

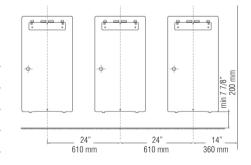
# MOUNTING



# M14A-UL / M14ACS-UL / M14AB-UL



#### Serial mounting



| Job:          | Architect / Engineer:  | City / State / Country: |
|---------------|------------------------|-------------------------|
|               |                        |                         |
| Model number: | Contractor:            | Date:                   |
|               |                        |                         |
| Variations:   | Customer / Wholesaler: | Quantity:               |
|               |                        |                         |

Child

34 1/4" / 84 cm

31 1/2" / 80 cm

20 1/2" / 52 cm

Disabled

34 1/4" / 84 cm

31 1/2" / 80 cm

20 1/2" / 52 cm

Saniflow Corp reserves the right to make changes and/or modifications to the products and their specifications without warning or notice.

For further info please contact SANIFLOW on: Toll free: **1-877-222-9125** or visit our website at **www.saniflowcorp.com** Tel: +1 (305) 424 2433 Fax: +1 (305) 424 2435 · **sales@saniflowcorp.com** 

HandDryerUSA.com | 800-710-6255 | sales@handdryerusa.com