






# Acme Sanitary Ware Co Ltd

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## SANITARY WARE SPECIFICATION SHEET

Item Descriptions	Mediclinics "Optima®" (Spain) Stainless steel AISI 304 wall-mounted hand dryer sensor operated in satin finish	<p>Illustration/ Drawing</p>  
Dimensions	L260 x W150 x H302 mm	
Model	M99ACS	
Material/ Finish	Stainless Steel / Satin Finish	
Manufacturer	Mediclinics, S.A. (Spain)	
Supplier	Acme Sanitary Ware Co. Ltd Mr. Eric Wong/ Mr. Don Yuen	
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<p><b>General description</b></p> <ul style="list-style-type: none"> <li>Optima® sensor operated hand dryers from Mediclinics® are a suitable solution for those looking for an automatic hand dryer with an optimum performance at a very competitive price. These models are ideal to be installed in washrooms with an medium / low traffic of people like for example, restaurants, theatres, offices, etc.</li> <li>These hand dryers are equipped with an induction motor, which do not require any maintenance and they are manufactured using the highest quality materials.</li> <li>Optima hand dryers also include aelectronic infrared detection sensor for hand distance detection, which is adjustable.</li> <li>In order to better blend with the washroom's decoration three different types of casings are available: steel white epoxy finish, AISI 304 stainless steel bright finish and AISI 304 stainless steel satin finish.</li> </ul> <p><b>Components &amp; materials:</b></p> <ul style="list-style-type: none"> <li><b>M99A:</b> Steel one-piece cover, Epoxy painted, 1.5mm. thick.</li> <li><b>M99AC:</b> Stainless steel one-piece cover, bright finish, 1.5mm. thick.</li> <li><b>M99ACS:</b> Stainless steel one-piece cover, satin finish, 1.5mm. thick.</li> <li>Fire resistant plastic PP-V0 base and fan scroll, with 4 Ø 6mm holes for wall mounting.</li> </ul>	 M99AC Bright finish   M99A White epoxy finish   M99ACS Satin finish
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**Technical Specifications:**

Voltage	220- 240 V
Frequency	50/60 Hz
Electrical Isolation	Class II
Total power	1,640 W
Consumption	7 A
Motor power	140 W
Rpm	2,800
Heating element power	1,500 W
Dimensions	302x260x150 mm.
Weight	4.45 Kg
Cover thickness	1.5 mm
Drying time	38 sec.
Effective airflow	215 m <sup>3</sup> /h (3,590 L/min)
Air velocity	50 Km/h
Air temperature (10 cm distance/21°C)	57 °C
Sound pressure <sup>(*)</sup> (at 2m)	57 dBA
Protection rating	IP21

(\*) According to UNE EN ISO 11201:2010 V2 standard.

Note:



\* All information of the above is for the reference only. No prior notice is made if any changes.

Source: Mediclinics.



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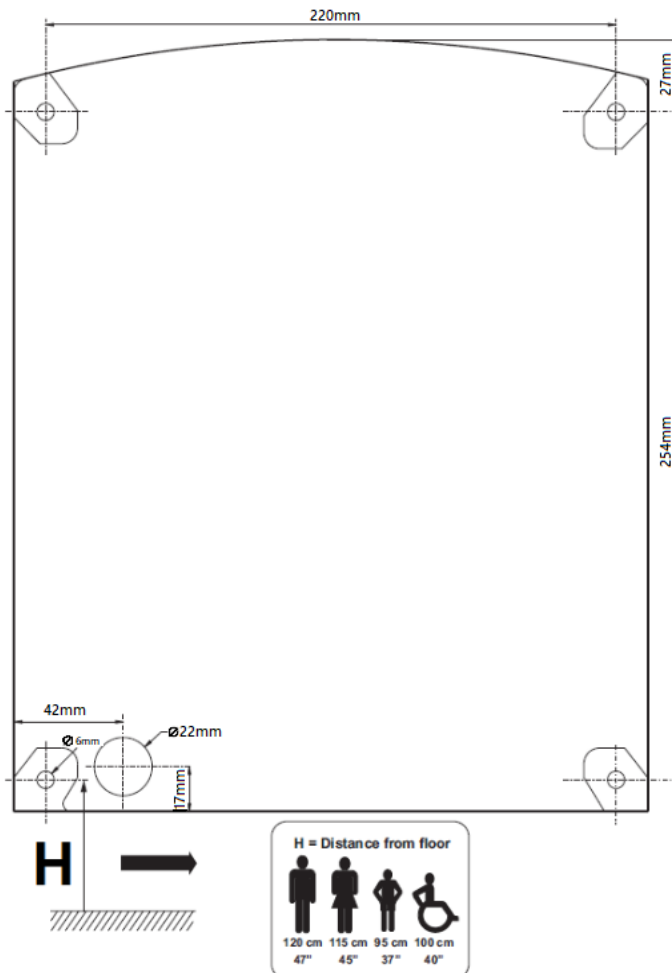
### Components & materials:

- Induction motor, 2.800 rpm, maintenance-free and high durability, incorporates a safety thermal cut-off.
- Waved wire NiCr heating element on a mica frame that incorporates a thermal cut-off.
- Fire resistant plastic PP-V0 with single inlet fan wheel.
- Fully adjustable (5-25 cm) IR electronic detection sensor by means of a potentiometer.
- Zamak air outlet grill.

### Operation

Place the hands under the air outlet. 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.

### Mounting (Recommended heights distance from the floor)



### Maintenance videos



#### Cover removal :

[https://youtu.be/id7L\\_k\\_5cSQ](https://youtu.be/id7L_k_5cSQ)

#### Distance detection adjustment :

<https://youtu.be/t9zJaI6xLzg>

#### Electronic circuit board replacement :

<https://youtu.be/A1YBiMkk5Nc>

#### Motor replacement :

<https://youtu.be/sIyBbnxiFNw>

#### Heating element replacement :

<https://youtu.be/uxRw7e0hg9M>

#### Fan wheel replacement :

<https://youtu.be/ap30IDkgWI4>

Note:



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## HAND DRYERS

Table

	MODEL	OPERATION		DIMENSIONS (mm)	Ionizer	HEPA filter media	Drain Pipe	ADJUSTABLE POWER	MOTOR			TRAFFIC FREQUENCY		
		manual	sensor						induction	brush	brushless	HIGH	MEDIUM	LOW
	<b>dualflowplus</b>											<b>dualflowplus</b>		
	M24A		●	L320xD228xH665	✳	●	✳				●	●		
	M24AB		●		✳	●	✳				●	●		
	M24ACS		●		✳	●	✳				●	●		
	M14A		●		✳	●	✳	●			●		●	
	M14AB		●		✳	●	✳	●			●		●	
	M14ACS		●		✳	●	✳	●			●		●	
M14AC		●	✳		●	✳	●			●		●		
	<b>mochflowplus / mochflow</b>											<b>mochflowplus / mochflow</b>		
	M19A		●	L213xD170xH330	✳	✳		●			●	●		
	M19AB		●		✳	✳		●			●	●		
	M19AC		●		✳	✳		●			●	●		
	M19ACS		●		✳	✳		●			●	●		
	M09A		●		✳	✳		●		●		●	●	
	M09AB		●		✳	✳		●		●		●	●	
	M09AC		●		✳	✳		●		●		●	●	
	M09ACS		●		✳	✳		●		●		●	●	
M09AC		●	✳		✳		●		●		●	●		
	<b>speedflowplus / speedflow</b>											<b>speedflowplus / speedflow</b>		
	M17A		●	L290xD100xH270 (INSIDE CABINET)	✳	●		●		●		●	●	
	M17AB		●		✳	●		●		●		●	●	
	M17AC		●		✳	●		●		●		●	●	
	M17ACS		●		✳	●		●		●		●	●	
	M17AF		●		✳	●		●		●		●	●	
	M06A		●					●		●		●	●	
	M06AB		●					●		●		●	●	
	M06AC		●					●		●		●	●	
	M06ACS		●					●		●		●	●	
	M06AF		●					●		●		●	●	
M06AC		●					●		●		●	●		
	<b>soniflow</b>											<b>soniflow</b>		
	E05	●		L276xD214xH245						●		●	●	
	E05B	●								●		●	●	
	E05C	●								●		●	●	
	E05CS	●								●		●	●	
	E85	●		L282xD215xH255						●		●	●	
	E88	●								●		●	●	
	E88B	●		L278xD212xH248						●		●	●	
	E88C	●								●		●	●	
	E88CS	●								●		●	●	
E88O	●								●		●	●		
E88A	●								●		●	●		
E88AB	●								●		●	●		
	<b>soniflow</b>											<b>soniflow</b>		
	E05A	●		L276xD214xH245	●					●		●	●	
	E05AB	●				●				●		●	●	
	E05AC	●				●				●		●	●	
	E05ACS	●				●				●		●	●	
	E85A	●		L282xD215xH255	●					●		●	●	
	E88A	●				●				●		●	●	
	E88AB	●		L278xD212xH248	●					●		●	●	
	E88AC	●				●				●		●	●	
	E88ACS	●				●				●		●	●	
E88AO	●				●				●		●	●		
	<b>mediflow</b>											<b>mediflow</b>		
	M02A		●	L275xD164xH325	●					●		●	●	
	M02AB		●		●					●		●	●	
	M02AC		●		●					●		●	●	
	M02ACS		●		●					●		●	●	
	M03A		●		●					●		●	●	
	M03AB		●		●					●		●	●	
	M03AC		●		●					●		●	●	
	M03ACS		●		●					●		●	●	
M03AC		●	●						●		●	●		
	<b>optima</b>											<b>optima</b>		
	M99A		●	L260xD150xH302	●				●		●	●		
	M99AC		●		●				●		●	●		
	M99ACS		●		●				●		●	●		
M99AC		●	●					●		●	●			
	<b>juniorplus</b>											<b>juniorplus</b>		
	M88APLUS		●	L253xD150xH303	●				●		●	●		
	M88PLUS	●		L253xD153xH303					●		●	●		
	<b>smartflow</b>											<b>smartflow</b>		
	M04A		●	L147xD138xH259	●					●		●	●	
	M04AC		●		●					●		●	●	
	M04ACS		●		●					●		●	●	
M04AC		●	●						●		●	●		

✳ Optional