



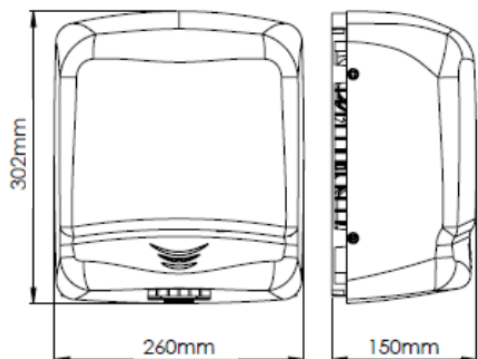





## Acme Sanitary Ware Co Ltd

Acme Building, 22-28 Nanking Street, Kowloon, Hong Kong  
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PROJECT		REF		REV	ITEM CODE	
LOCATION		DATE			PAGE	

## SANITARY WARE SPECIFICATION SHEET

Item Descriptions	Mediclinics "Optima®" (Spain) Steel wall-mounted hand dryer sensor operated in white epoxy finish	Illustration/ Drawing																																		
Dimensions	L260 x W150 x H302 mm	  																																		
Model	M99A																																			
Material/ Finish	Steel / White Epoxy Finish																																			
Manufacturer	Mediclinics, S.A. (Spain)																																			
Supplier	Acme Sanitary Ware Co. Ltd Mr. Eric Wong/ Mr. Don Yuen																																			
Contact Tel/Fax	(852) 2388-7171 / (852) 2710-8012																																			
E-mail	acme@acmesanitary.com.hk																																			
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<b>General description</b> <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>																																				
<b>Components &amp; materials:</b> <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>		 <b>M99AC</b> <b>Bright finish</b>  <b>M99A</b> <b>White epoxy finish</b>  <b>M99ACS</b> <b>Satin finish</b>																																		
		<b>Technical Specifications:</b> <table><tr><td><b>Voltage</b></td><td>220- 240 V</td></tr><tr><td><b>Frequency</b></td><td>50/60 Hz</td></tr><tr><td><b>Electrical Isolation</b></td><td>Class II</td></tr><tr><td><b>Total power</b></td><td>1,640 W</td></tr><tr><td><b>Consumption</b></td><td>7 A</td></tr><tr><td><b>Motor power</b></td><td>140 W</td></tr><tr><td><b>Rpm</b></td><td>2,800</td></tr><tr><td><b>Heating element power</b></td><td>1,500 W</td></tr><tr><td><b>Dimensions</b></td><td>302x260x150 mm.</td></tr><tr><td><b>Weight</b></td><td>4.45 Kg</td></tr><tr><td><b>Cover thickness</b></td><td>1.5 mm</td></tr><tr><td><b>Drying time</b></td><td>38 sec.</td></tr><tr><td><b>Effective airflow</b></td><td>215 m<sup>3</sup>/h (3,590 L/min)</td></tr><tr><td><b>Air velocity</b></td><td>50 Km/h</td></tr><tr><td><b>Air temperature (10 cm distance/21°C)</b></td><td>57 °C</td></tr><tr><td><b>Sound pressure <sup>(*)</sup> (at 2m)</b></td><td>57 dBA</td></tr><tr><td><b>Protection rating</b></td><td>IP21</td></tr></table> <p>(*) According to UNE EN ISO 11201:2010 V2 standard.</p>	<b>Voltage</b>	220- 240 V	<b>Frequency</b>	50/60 Hz	<b>Electrical Isolation</b>	Class II	<b>Total power</b>	1,640 W	<b>Consumption</b>	7 A	<b>Motor power</b>	140 W	<b>Rpm</b>	2,800	<b>Heating element power</b>	1,500 W	<b>Dimensions</b>	302x260x150 mm.	<b>Weight</b>	4.45 Kg	<b>Cover thickness</b>	1.5 mm	<b>Drying time</b>	38 sec.	<b>Effective airflow</b>	215 m <sup>3</sup> /h (3,590 L/min)	<b>Air velocity</b>	50 Km/h	<b>Air temperature (10 cm distance/21°C)</b>	57 °C	<b>Sound pressure <sup>(*)</sup> (at 2m)</b>	57 dBA	<b>Protection rating</b>	IP21
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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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# SANITARY WARE SPECIFICATION SHEET

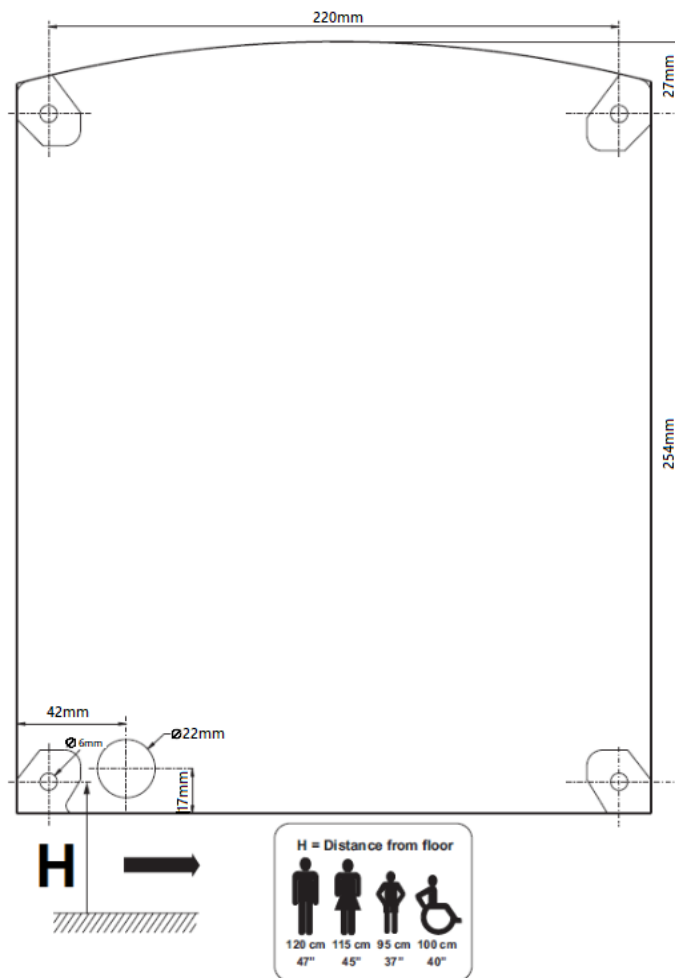
## Components & materials:

- 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				
	dualflow <sup>plus</sup>														dualflow <sup>plus</sup>			
	M24A		●	L320xD228xH665	✱	●	✱				●	●						
	M24AB		●		✱	●	✱				●	●						
	M24ACS		●		✱	●	✱				●	●						
	M14A		●		✱	●	✱	●		●		●						
	M14AB		●		✱	●	✱	●		●		●						
	M14ACS		●		✱	●	✱	●		●		●						
	machflow <sup>plus</sup> / machflow														machflow <sup>plus</sup> / machflow			
	M19A		●	L213xD170xH330	✱	✱		●			●	●						
	M19AB		●		✱	✱		●			●	●						
	M19AC		●		✱	✱		●			●	●						
	M19ACS		●		✱	✱		●			●	●						
	M09A		●		✱	✱		●	●			●						
	M09AB		●		✱	✱		●	●			●						
	M09AC		●		✱	✱		●	●			●						
	M09ACS		●		✱	✱		●	●			●						
	speedflow <sup>plus</sup> / speedflow														speedflow <sup>plus</sup> / speedflow			
	M17A		●	L290xD100xH270 (INSIDE CABINET)	✱	●		●		●		●						
	M17AB		●		✱	●		●		●		●						
	M17AC		●		✱	●		●		●		●						
	M17ACS		●		✱	●		●		●		●						
	M17AF		●		✱	●		●		●		●						
	M06A		●					●		●		●						
	M06AB		●					●		●		●						
	M06AC		●					●		●		●						
	M06ACS		●					●		●		●						
	M06AF		●					●		●		●						
		soniflow <sup>+</sup>														soniflow <sup>+</sup>		
E05		●		L276xD214xH245						●		●						
E05B		●								●		●						
E05C		●								●		●						
E05CS		●								●		●						
E85		●		L282xD215xH255						●		●						
E88		●								●		●						
E88B		●		L278xD212xH248						●		●						
E88C		●								●		●						
E88CS		●								●		●						
E88O		●								●		●						
E05A			●		L276xD214xH245	●					●		●					
E05AB			●			●					●		●					
E05AC			●	●						●		●						
E05ACS			●	●						●		●						
		E85A		●	L282xD215xH255	●					●		●					
	E88A		●	●						●		●						
	E88AB		●	L278xD212xH248	●					●		●						
	E88AC		●		●					●		●						
	E88ACS		●		●					●		●						
	E88AO		●		●					●		●						
		mediflow <sup>+</sup>														mediflow <sup>+</sup>		
		M02A		●	L275xD164xH325	●					●			●				
M02AB			●	●						●			●					
M02AC			●	●						●			●					
M02ACS			●	●						●			●					
M03A			●	●						●			●					
M03AB			●	●						●			●					
M03AC			●	●						●			●					
M03ACS			●	●						●			●					
	optima														optima			
	M99A		●	L260xD150xH302	●				●				●					
	M99AC		●		●				●				●					
	M99ACS		●		●				●				●					
	juniorplus														juniorplus			
	M88APLUS		●	L253xD150xH303	●				●				●					
	M88PLUS	●		L253xD153xH303					●				●					
	smartflow <sup>+</sup>														smartflow <sup>+</sup>			
	M04A		●	L147xD138xH259	●					●				●				
	M04AC		●		●					●				●				
	M04ACS		●		●					●				●				

✱ Optional