



## Acme Sanitary Ware Co Ltd

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PROJECT		REF		REV	ITEM CODE	
LOCATION		DATE			PAGE	

# SANITARY WARE SPECIFICATION SHEET

Item Descriptions	Mediclinics "Speedflow®" (Spain) Cast iron inside cabinet automatic hand dryer in white enamelled coating finish	<div>Illustration/ Drawing</div> <div></div> <div></div> <div><div>Technical Specifications:</div><table><tr><td>Voltage</td><td>100-120, 208, 220- 240 V</td></tr><tr><td>Frequency</td><td>50/60 Hz</td></tr><tr><td>Electrical Isolation</td><td>Class I</td></tr><tr><td>Total power (H.E.<sup>(*)</sup> On)</td><td>1,010-1,150 W</td></tr><tr><td>Total power (H.E.<sup>(*)</sup> Off)</td><td>110-250 W</td></tr><tr><td>Consumption</td><td>1.3-4.8 A(240 V); 1.4-9.5 A(120 V)</td></tr><tr><td>Motor power</td><td>110 - 250 W</td></tr><tr><td>Rpm</td><td>8,500 – 11,500</td></tr><tr><td>Heating element power</td><td>900 W</td></tr><tr><td>Dimensions</td><td>270x290x100 mm</td></tr><tr><td>Weight</td><td>3,8 Kg</td></tr><tr><td>Cover thickness</td><td>1.5 mm</td></tr><tr><td>Drying time</td><td>10 – 12 sec.</td></tr><tr><td>Effective airflow</td><td>70-94 m3/h – 1,170-1,568l/min</td></tr><tr><td>Air velocity</td><td>120-180 Km/h</td></tr><tr><td>Air temperature (10 cm distance/21°C)</td><td>42 °C</td></tr><tr><td>Noise level(**) (at 2m)</td><td>58-67 dB</td></tr><tr><td>Protection rating</td><td>IP23</td></tr></table><div>(*) H.E. = Heating Element (**)According to UNE EN ISO 11201:2010 V2 standard</div></div>	Voltage	100-120, 208, 220- 240 V	Frequency	50/60 Hz	Electrical Isolation	Class I	Total power (H.E. <sup>(*)</sup> On)	1,010-1,150 W	Total power (H.E. <sup>(*)</sup> Off)	110-250 W	Consumption	1.3-4.8 A(240 V); 1.4-9.5 A(120 V)	Motor power	110 - 250 W	Rpm	8,500 – 11,500	Heating element power	900 W	Dimensions	270x290x100 mm	Weight	3,8 Kg	Cover thickness	1.5 mm	Drying time	10 – 12 sec.	Effective airflow	70-94 m3/h – 1,170-1,568l/min	Air velocity	120-180 Km/h	Air temperature (10 cm distance/21°C)	42 °C	Noise level(**) (at 2m)	58-67 dB	Protection rating	IP23
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Dimensions	L290 x W100 x H270 mm																																					
Model	M06AF																																					
Material/ Finish	Cast Iron/ White Enamelled Coating 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																																					
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General description

- The Speedflow® line of hand dryers is categorized within the eco-fast range of product but with the added value of complying with the requirements of ADAAG for accessibility of public washrooms. This regulation requires that the depth of the dryer cannot exceed 100 mm to facilitate access and movement of handicapped persons about the washroom.
- Warm air hand dryer.
- Sensor operated.
- Maximum power and airflow.
- Maximum robustness and vandal-proof.
- Suitable for very high traffic facilities.
- Complies with ADA requirements for a barrier-free washroom.

Components & materials:

**MOTOR:** high pressure class F, with self-resettable safety cut-out and adjustable speed between 8,500 and 11,500 rpm. This regulation is carried out manually by means of a potentiometer located on the electronic board and allows the regulation of the electrical consumption of the hand dryer. The motor has been configured to have a soft start that extends its life and dampens noise when starting.

**ELECTRONIC DETECTION SENSOR:** by infrared beam with detection distance adjustable by potentiometer between 5 and 20 cm. It incorporates a safety system that detects any fixed target and makes hand dryer stops automatically in case a fixed object is placed in front of the sensor.

**900 W HEATING ELEMENT:** made of Ni-Cr and with a self-resettable safety cut-out. It can be switched off manually thanks to a "ON / OFF" micro-switch located on the electronic board, allowing the electric consumption regulation of the hand dryer. In case of motor failure the heating element is immediately switched off automatically.

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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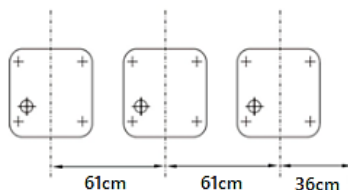
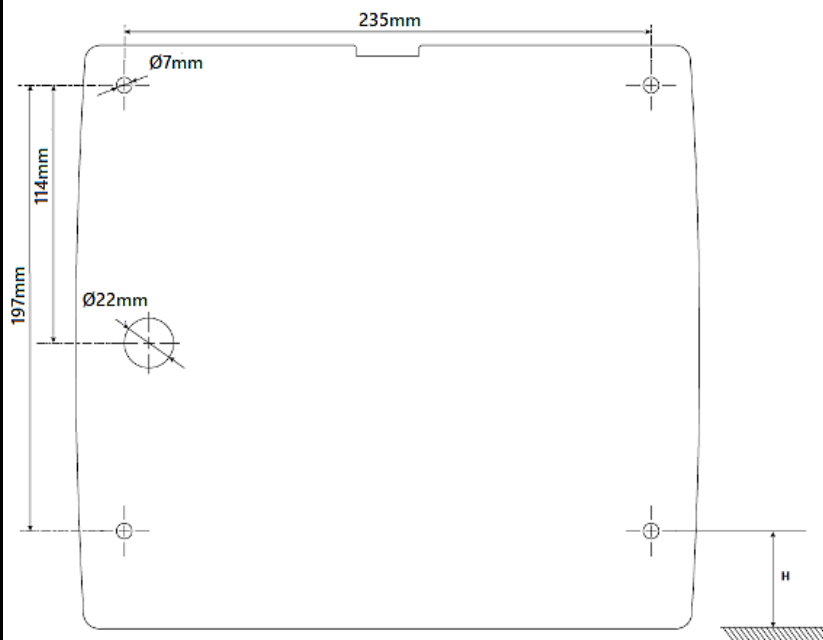
## Components & materials:

**COVER:** made of cast iron white enameled finish, 4.0mm thick and ultra-flat (only 100 mm deep), thus fulfilling the requirements of the ADA American accessibility regulations. It is fixed to the base by means of 2 safety screws and with a special Speedflow® supplied wrench, giving this hand dryer a great robustness and avoiding an undue access to the device interior.

## Operation

Place the hands under the air outflow. 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/GyF4NvFNf7Y>

### Distance detection and power adjustment ;

<https://youtu.be/JqXt7MiY5hk>

### Electronic circuit board replacement :

<https://youtu.be/04giuiWSMZg>

### Motor replacement :

<https://youtu.be/KVD3mszgH1g>

### Carbon Brushes Replacement :

<https://youtu.be/Retn8UhTePY>

### Heating element ON/OFF ;

<https://youtu.be/XRAXjvPqMoo>

### Heating element replacement ;

<https://youtu.be/KMCsffkEnuI>

## 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 <sup>+</sup>														machflow <sup>plus</sup> / machflow <sup>+</sup>		
	M19A		●	L213xD170xH330	✱	✱		●			●	●					
	M19AB		●		✱	✱		●			●	●					
	M19AC		●		✱	✱		●			●	●					
	M19ACS		●		✱	✱		●			●	●					
	M09A		●		✱	✱		●	●			●					
	M09AB		●		✱	✱		●	●			●					
	M09AC		●		✱	✱		●	●			●					
	M09ACS		●		✱	✱		●	●			●					
	speedflow <sup>plus</sup> / speedflow <sup>+</sup>														speedflow <sup>plus</sup> / speedflow <sup>+</sup>		
	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	●		L278xD212xH248						●		●					
	E88B	●								●		●					
	E88C	●								●		●					
	E88CS	●								●		●					
	E88O	●								●		●					
	E05A		●		L276xD214xH245	●					●		●				
	E05AB		●	●						●		●					
	E05AC		●	●						●		●					
	E05ACS		●	●						●		●					
E85A		●	L282xD215xH255	●					●		●						
E88A		●	L278xD212xH248	●					●		●						
E88AB		●		●					●		●						
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