



# Acme Sanitary Ware Co Ltd

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PROJECT		REF		REV	ITEM CODE	
LOCATION		DATE			PAGE	

## SANITARY WARE SPECIFICATION SHEET

<p><b>Item Descriptions</b></p> <p>Mediclinics "Dualflow®Plus" (Spain) ABS sensor operated hand dryer with an ionizer in white finish</p> <p><b>Dimensions</b></p> <p>L320 x W228 x H665 mm</p> <p><b>Model</b></p> <p>M24A-I</p> <p><b>Material/ Finish</b></p> <p>ABS / White Finish</p> <p><b>Manufacturer</b></p> <p>Mediclinics, S.A. (Spain)</p> <p><b>Supplier</b></p> <p>Acme Sanitary Ware Co. Ltd Mr. Eric Wong/ Mr. Don Yuen</p> <p><b>Contact Tel/Fax</b></p> <p>(852) 2388-7171 / (852) 2710-8012</p> <p><b>E-mail</b></p> <p>acme@acmesanitary.com.hk</p> <p><b>Website</b></p> <p>www.acmesanitary.com.hk</p>	<p><b>Illustration/ Drawing</b></p>																																		
<p><b>General description</b></p> <ul style="list-style-type: none"> <li>Automatic double-sided high-speed hand dryer with maintenance-free brushless motor, ensuring long lifespan, ideal for an intensive usage and, therefore, suitable for high traffic facilities.</li> <li>Water collection area with no-splash design, which prevents the residual water from drying hands to end up on the floor, thus keeping it dry and preventing slipping hazard.</li> <li>Dualflow Plus is a touchless hand dryer because it starts and stops automatically thanks to a pair of IR sensors in both sides of the device for automatic hands detection, creating, therefore, the optimal hygienic conditions because it confines the growth of bacteria.</li> <li>It incorporates an HEPA filter media that filters the solid particles in suspension (pollen, dust mites, tobacco smoke, etc.) significantly improving air quality.</li> <li>Proven antimicrobial and antibacterial protection using silver ion technology from Biocote®, providing a total antimicrobial solution. These ions inhibit the reproduction of micro-organisms in the product throughout its lifetime.</li> <li>It can be delivered, optionally, with an ionizer ("Ion Hygienic" technology) that purifies the air through negatively charged particles (anions), eliminating most of the particles and germs carried by the air, making it more healthy and pure.</li> <li>Universal voltage. It works indistinctly at electrical voltages of 100-120 V or 220-240 V.</li> <li>Motor power adjustable, allowing electricity consumption to be regulated (between 250 and 1,100W).</li> <li>Maximum air speed 410 Km/h.</li> <li>Dries hands in only 8 / 15 seconds.</li> <li>30 second maximum continuous running time.</li> <li>Lowest noise level in its category. (62 dBA in ECO mode).</li> </ul>	<p><b>M24A White finish</b></p> <p><b>M24AB Black finish</b></p> <p><b>M24ACS Satin finish</b></p>																																		
	<p><b>Technical Specifications</b></p> <table border="1"> <tr><td><b>Voltage</b></td><td>100 - 120V / 220 - 240V</td></tr> <tr><td><b>Frequency</b></td><td>50/60Hz</td></tr> <tr><td><b>Electrical Isolation</b></td><td>Class I</td></tr> <tr><td><b>Total power</b></td><td>250 - 1,100W</td></tr> <tr><td><b>Consumption</b></td><td>1.3 - 4.8A</td></tr> <tr><td><b>Motor power</b></td><td>900W</td></tr> <tr><td><b>Rpm</b></td><td>17,600 - 27,600</td></tr> <tr><td><b>Heating element power</b></td><td>200W or 0W (ON/OFF switch)</td></tr> <tr><td><b>Dimensions</b></td><td>665x320x228 mm</td></tr> <tr><td><b>Weight</b></td><td>8.5Kg</td></tr> <tr><td><b>Cover thickness</b></td><td>3mm</td></tr> <tr><td><b>Drying time</b></td><td>8-15sec</td></tr> <tr><td><b>Effective airflow</b></td><td>101 - 177 m³/h (1,680 - 2,950 l/min)</td></tr> <tr><td><b>Air velocity</b></td><td>234 - 410Km/h</td></tr> <tr><td><b>Air temperature (10 cm distance/23°C)</b></td><td>38°C</td></tr> <tr><td><b>Sound pressure (at 2m)</b></td><td>62 - 72dBA</td></tr> <tr><td><b>Protection rating</b></td><td>IPX4</td></tr> </table>	<b>Voltage</b>	100 - 120V / 220 - 240V	<b>Frequency</b>	50/60Hz	<b>Electrical Isolation</b>	Class I	<b>Total power</b>	250 - 1,100W	<b>Consumption</b>	1.3 - 4.8A	<b>Motor power</b>	900W	<b>Rpm</b>	17,600 - 27,600	<b>Heating element power</b>	200W or 0W (ON/OFF switch)	<b>Dimensions</b>	665x320x228 mm	<b>Weight</b>	8.5Kg	<b>Cover thickness</b>	3mm	<b>Drying time</b>	8-15sec	<b>Effective airflow</b>	101 - 177 m³/h (1,680 - 2,950 l/min)	<b>Air velocity</b>	234 - 410Km/h	<b>Air temperature (10 cm distance/23°C)</b>	38°C	<b>Sound pressure (at 2m)</b>	62 - 72dBA	<b>Protection rating</b>	IPX4
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Note: <https://youtu.be/ICMFIGHJzDk>



\* 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

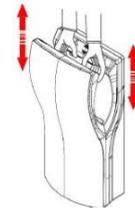
**Components and materials**

- **COVER:** made of high impact ABS, 3 mm thick.
- **BASE PLATE:** made of plastic PA6V0.
- **MOTOR:** extremely durable high-speed Class F brushless motor, maintenance free, with adjustable power, allowing electricity consumption and sound pressure to be regulated.
- **HEATING ELEMENT:** minimum waved wire NiCr heating element of 200W, mounted on a mica frame that incorporates a self-resetable thermal cut-off which disconnect the whole appliance. The heating element can be disconnected by means of an ON/OFF switch.
- **HEPA FILTER MEDIA:** cartridge that holds an HEPA filter media 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 neutralizes odours and absorbs fumes and gases, helping avoid bad odours.
- **IONIZER:** cleans and purifies the air through negative ions (anions) which remove microscopic particles from the air making it healthier (optional).
- **INNER TANK:** collects the water. It is removable and it has an external valve for easy emptying.
- **AUTO CHECK-IN LIGHTING PANEL:** for fast diagnosis of the dryer (green -machine running, blue -full tank, red -check engine). Optical and acoustic warning of full tank.
- **ODOR NEUTRALIZER:** for a cleaner and more pleasant atmosphere in the bathroom. (optional).

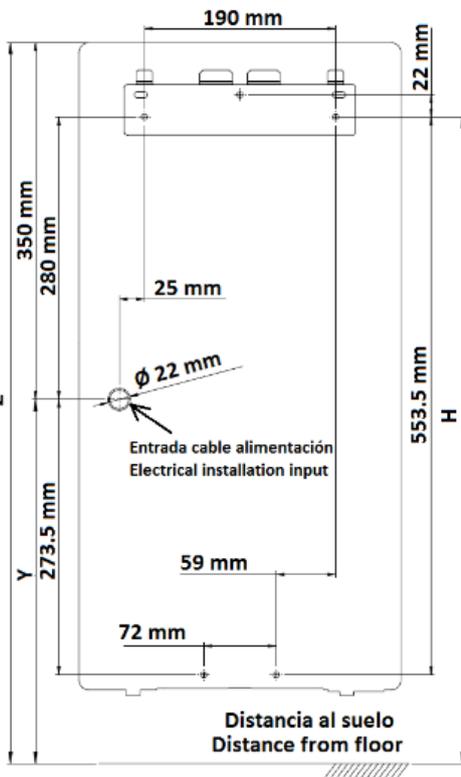
Codes	Cover material	Cover finish
M24A-I	ABS	White
M24AB-I	ABS	Black
M24ACS-I	ABS	Satin

**Operation**

Place the hands between the air outflow valves, inside the hand dryer. 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. Move the hands vertically in order to dry them completely. The appliance will stop 2 seconds after the hands are removed from the airflow.



**Mounting (Recommended heights distance form the floor)**



Z =	92 cm (36 1/4")	87 cm (34 1/4")	
H =	85 cm (33 1/2")	80 cm (31 1/2")	
Y =	57 cm (22 1/2")	52 cm (20 1/2")	



**Heating element ON/OFF switch**  
Option to turn ON/OFF the heating element



**Heating element**  
For a maximum comfort



**HEPA filter media**  
clans the air stopping the particles of dirt, dust, bacteria, pollen, etc. Clean and fresh air.



**Ionizer**  
Helps to clean and purify the air



Note: <https://youtu.be/ICMFIGHJzDk>





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## HAND DRYERS

Table

	MODEL	OPERATION		DIMINENSIONS (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		●		✳	●	✳	●			●	●		
M14ACS		●	✳		●	✳	●			●	●			
	<b>mochflowplus / mochflow</b>											<b>mochflowplus / mochflow</b>		
	M19A		●	L213xD170xH330	✳	✳		●			●	●		
	M19AB		●		✳	✳		●			●	●		
	M19AC		●		✳	✳		●			●	●		
	M19ACS		●		✳	✳		●			●	●		
	M09A		●		✳	✳		●		●		●		
	M09AB		●		✳	✳		●		●		●		
	M09AC		●		✳	✳		●		●		●		
	M09ACS		●		✳	✳		●		●		●		
M09ACS		●	✳		✳		●		●		●			
	<b>speedflowplus / speedflow</b>											<b>speedflowplus / speedflow</b>		
	M17A		●	L290xD100xH270 (INSIDE CABINET)	✳	●		●		●		●		
	M17AB		●		✳	●		●		●		●		
	M17AC		●		✳	●		●		●		●		
	M17ACS		●		✳	●		●		●		●		
	M17AF		●		✳	●		●		●		●		
	M06A		●		✳	●		●		●		●		
	M06AB		●		✳	●		●		●		●		
	M06AC		●		✳	●		●		●		●		
	M06ACS		●		✳	●		●		●		●		
	M06AF		●		✳	●		●		●		●		
M06AF		●	✳		●		●		●		●			
	<b>soniflow</b>											<b>soniflow</b>		
	E05	●		L276xD214xH245						●		●		
	E05B	●								●		●		
	E05C	●								●		●		
	E05CS	●								●		●		
	E85	●			L282xD215xH255					●		●		
	E88	●			L278xD212xH248					●		●		
	E88B	●								●		●		
	E88C	●								●		●		
	E88CS	●								●		●		
E88O	●								●		●			
E88O	●							●		●				
	<b>soniflow</b>											<b>soniflow</b>		
	E05A		●	L276xD214xH245	●					●		●		
	E05AB		●		●					●		●		
	E05AC		●		●					●		●		
	E05ACS		●		●					●		●		
	E85A		●	L282xD215xH255	●					●		●		
	E88A		●	L278xD212xH248	●					●		●		
	E88AB		●		●					●		●		
	E88AC		●		●					●		●		
	E88ACS		●		●					●		●		
E88AO		●	●						●		●			
E88AO		●	●						●		●			
	<b>mediflow</b>											<b>mediflow</b>		
	M02A		●	L275xD164xH325	●					●		●		
	M02AB		●		●					●		●		
	M02AC		●		●					●		●		
	M02ACS		●		●					●		●		
	M03A		●		●					●		●		
	M03AB		●		●					●		●		
	M03AC		●		●					●		●		
M03ACS		●	●						●		●			
	<b>optima</b>											<b>optima</b>		
	M99A		●	L260xD150xH302	●					●		●		
	M99AC		●		●					●		●		
	M99ACS		●		●					●		●		
M99ACS		●	●						●		●			
	<b>juniorplus</b>											<b>juniorplus</b>		
	M88APLUS		●	L253xD150xH303	●					●		●		
	M88PLUS	●		L253xD153xH303						●		●		
	<b>smartflow</b>											<b>smartflow</b>		
	M04A		●	L147xD138xH259	●					●		●		
	M04AC		●		●					●		●		
	M04ACS		●		●					●		●		
M04ACS		●	●						●		●			

✳ Optional