



Acme Sanitary Ware Co Ltd


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PROJECT		REF		REV	ITEM CODE	
LOCATION		DATE			PAGE	

SANITARY WARE SPECIFICATION SHEET

Item Descriptions	Mediclinics "Dualflow®Plus" (Spain) ABS sensor operated hand dryer with an ionizer in white finish	<div>Illustration/ Drawing</div> <div></div> <div></div> <div>Technical Specifications</div> <table><tr><td>Voltage</td><td>100 - 120V / 220 - 240V</td></tr><tr><td>Frequency</td><td>50/60Hz</td></tr><tr><td>Electrical Isolation</td><td>Class I</td></tr><tr><td>Total power</td><td>250 - 1,100W</td></tr><tr><td>Consumption</td><td>1.3 - 4.8A</td></tr><tr><td>Motor power</td><td>900W</td></tr><tr><td>Rpm</td><td>17,600 - 27,600</td></tr><tr><td>Heating element power</td><td>200W or 0W (ON/OFF switch)</td></tr><tr><td>Dimensions</td><td>665x320x228 mm</td></tr><tr><td>Weight</td><td>8.5Kg</td></tr><tr><td>Cover thickness</td><td>3mm</td></tr><tr><td>Drying time</td><td>8-15sec</td></tr><tr><td>Effective airflow</td><td>101 - 177 m³/h (1,680 - 2,950 l/min)</td></tr><tr><td>Air velocity</td><td>234 - 410Km/h</td></tr><tr><td>Air temperature (10 cm distance/23°C)</td><td>38°C</td></tr><tr><td>Sound pressure (at 2m)</td><td>62 - 72dBA</td></tr><tr><td>Protection rating</td><td>IPX4</td></tr></table>	Voltage	100 - 120V / 220 - 240V	Frequency	50/60Hz	Electrical Isolation	Class I	Total power	250 - 1,100W	Consumption	1.3 - 4.8A	Motor power	900W	Rpm	17,600 - 27,600	Heating element power	200W or 0W (ON/OFF switch)	Dimensions	665x320x228 mm	Weight	8.5Kg	Cover thickness	3mm	Drying time	8-15sec	Effective airflow	101 - 177 m³/h (1,680 - 2,950 l/min)	Air velocity	234 - 410Km/h	Air temperature (10 cm distance/23°C)	38°C	Sound pressure (at 2m)	62 - 72dBA	Protection rating	IPX4
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Dimensions	L320 x W228 x H665 mm																																			
Model	M24A-I																																			
Material/ Finish	ABS / White Finish																																			
Manufacturer	Mediclinics, S.A. (Spain)																																			
Supplier	Acme Sanitary Ware Co. Ltd Mr. Eric Wong/ Mr. Don Yuen																																			
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General description	
<ul style="list-style-type: none">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.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.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.It incorporates an HEPA filter media that filters the solid particles in suspension (pollen, dust mites, tobacco smoke, etc.) significantly improving air quality.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.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.Universal voltage. It works indistinctly at electrical voltages of 100-120 V or 220-240 V.Motor power adjustable, allowing electricity consumption to be regulated (between 250 and 1,100W).Maximum air speed 410 Km/h.Dries hands in only 8 / 15 seconds.30 second maximum continuous running time.Lowest noise level in its category. (62 dBA in ECO mode).	
	M24A White finish
	M24AB Black finish
	M24ACS Satin finish

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

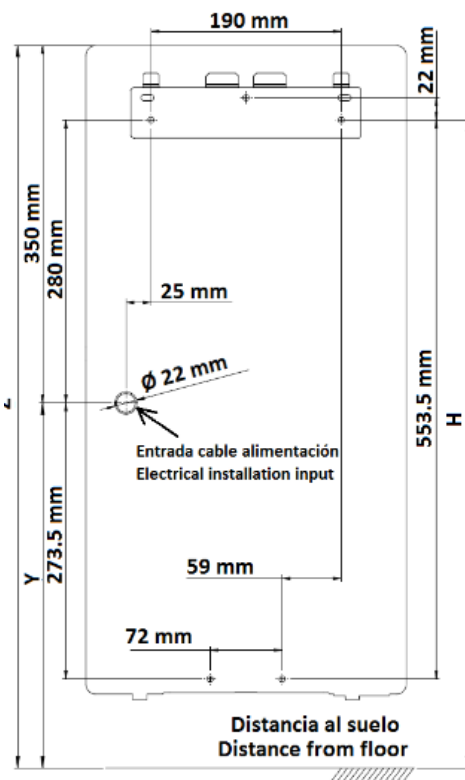
- **COVER:** made of high impact ABS, 3 mm thick.
- **BASE PLATE:** made of plastic PA6V0.
- **MOTOR:** extremely durable high-speed Class F brushless motor, maintenance free, with adjustable power, allowing electricity consumption and sound pressure to be regulated.
- **HEATING ELEMENT:** minimum waved 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
Cleans 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		DIMENSIONS (mm)	Ionizer	HEPA filter media	Drain Pipe	ADJUSTABLE POWER	MOTOR			TRAFFIC FREQUENCY			
		manual	sensor						induction	brush	brushless	HIGH	MEDIUM	LOW	
	dualflowplus														
	M24A		●	L320xD228xH665	●	●	●				●	●			
	M24AB		●		●	●	●				●	●			
	M24ACS		●		●	●	●				●	●			
	M14A		●		●	●	●	●		●		●			
	M14AB		●		●	●	●	●		●		●			
	M14ACS		●		●	●	●	●		●		●			
	mochflowplus / mochflow														
	M19A		●	L213xD170xH330	●	●		●			●	●			
	M19AB		●		●	●		●			●	●			
	M19AC		●		●	●		●			●	●			
	M19ACS		●		●	●		●			●	●			
	M09A		●		●	●		●	●		●	●			
	M09AB		●		●	●		●	●		●	●			
	M09AC		●		●	●		●	●		●	●			
	M09ACS		●		●	●		●	●		●	●			
	speedflowplus / speedflow														
	M17A		●	L290xD100xH270 (INSIDE CABINET)	●	●		●		●		●			
	M17AB		●		●	●		●		●		●			
	M17AC		●		●	●		●		●		●			
	M17ACS		●		●	●		●		●		●			
	M17AF		●		●	●		●		●		●			
	M06A		●					●		●		●			
	M06AB		●					●		●		●			
	M06AC		●					●		●		●			
	M06ACS		●					●		●		●			
	M06AF		●					●		●		●			
	soniflow														
	E05	●		L276xD214xH245						●		●			
	E05B	●								●		●			
	E05C	●								●		●			
	E05CS	●		L282xD215xH255						●		●			
	E85	●								●		●			
	E88	●								●		●			
	E88B	●		L278xD212xH248						●		●			
	E88C	●								●		●			
	E88CS	●								●		●			
	E88O	●								●		●			
	E05A		●		L276xD214xH245	●					●		●		
	E05AB		●	●						●		●			
	E05AC		●	●						●		●			
E05ACS		●	●						●		●				
	E85A		●	L282xD215xH255	●					●		●			
	E88A		●		●					●		●			
	E88AB		●	L278xD212xH248	●					●		●			
	E88AC		●		●					●		●			
	E88ACS		●		●					●		●			
	E88AO		●		●					●		●			
		mediflow													
		M02A		●	L275xD164xH325	●					●			●	
M02AB			●	●						●			●		
M02AC			●	●						●			●		
M02ACS			●	●						●			●		
M03A			●	●						●			●		
M03AB			●	●						●			●		
M03AC			●	●						●			●		
M03ACS		●	●						●			●			
	optima														
	M99A		●	L260xD150xH302	●				●				●		
	M99AC		●		●				●				●		
	M99ACS		●		●				●				●		
	juniorplus														
	M88APLUS		●	L253xD150xH303	●				●				●		
	M88PLUS	●		L253xD153xH303					●				●		
	smartflow														
	M04A		●	L147xD138xH259	●					●				●	
	M04AC		●		●					●				●	
	M04ACS		●		●					●				●	

* Optional