




Acme Sanitary Ware Co Ltd

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PROJECT		REF		REV	ITEM CODE	
LOCATION		DATE			PAGE	

SANITARY WARE SPECIFICATION SHEET

Item Descriptions	Mediclinics "Machflow®Plus" (Spain) Steel wall-mounted automatic hand dryer with an ionizer in bright finish	<div>Illustration/ Drawing</div> <div></div>																																		
Dimensions	L213 x W170 x H330 mm																																			
Model	M19AC-I																																			
Material/ Finish	Stainless steel / Bright 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">· Sensor operated high-speed hand dryer with free-maintenance brushless motor, ensuring long lifespan, being ideal for an intensive usage.· With a compact and very robust design, this hand dryer is energetically very efficient and sustainable, providing great energy savings and ultra-fast hand drying. Strongly recommended for high traffic places.· Universal voltage –accepts 100-120 / 220-240 VAC input.· It has an adjustable power motor that regulates energy consumption (between 250 and 1,100W) and provides a maximum air output speed of 340km/h that dries your hands between 8 and 15 seconds. <p>Machflow Plus can incorporate, optionally, a HEPA filter media that filters the solid particles in suspension (pollen, dust mites, tobacco smoke, etc.) significantly improving air quality.</p> <p>As a complement to the HEPA filter medium, and also optionally, the Machflow Plus can incorporate an ionizer ("Ion Hygienic" technology) that cleans and purifies the air through the emission of anions, eliminating most of the germs and particles transported through the air, helping it to be purer and healthier.</p> <ul style="list-style-type: none">· Optionally, it is also possible to incorporate a quick assembly / disassembly kit for the machine ("Plug-in" kit code KTP009) that allows you to install and uninstall the hand dryer easily, quickly and safely, making maintenance much more efficient and reducing your costs at the same time.· New air concentrator nozzle which helps to channel better the airflow on the hands. Instead of blowing air all over the hands, it focuses the airflow for a more targeted drying. The narrower opening of the concentrator gives the airflow greater pressure on exit, boosting its speed and thus, making the hand drying process much more efficient. Only available in models with ionizer "Ion Hygienic".		<div><p>M19A-I White epoxy finish</p></div> <div><p>M19AB-I Matte black epoxy finish</p></div> <div><p>M19AC-I Bright finish</p></div> <div><p>M19ACS-I Satin finish</p></div>																																		
Technical Specifications <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>330x213x170 mm</td></tr><tr><td>Weight</td><td>5.5Kg</td></tr><tr><td>Cover thickness</td><td>1.5mm</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>220 – 340Km/h</td></tr><tr><td>Air temperature (10 cm distance/23°C)</td><td>42°C</td></tr><tr><td>Sound pressure ^(*) (at 2m)</td><td>67 – 74dBA</td></tr><tr><td>Protection rating</td><td>IP23</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	330x213x170 mm	Weight	5.5Kg	Cover thickness	1.5mm	Drying time	8-15sec	Effective airflow	101 - 177 m3/h (1,680 - 2,950 l/min)	Air velocity	220 – 340Km/h	Air temperature (10 cm distance/23°C)	42°C	Sound pressure ^(*) (at 2m)	67 – 74dBA	Protection rating	IP23	
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Note:  <https://youtu.be/AtzteMyIlsA>



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

Source: Mediclinics.



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PLUG-IN SYSTEM

The Machflow® Plug-in technology is an easy, practical, fast and secure system to install and uninstall a hand dryer, making maintenance much more efficient and reducing at the same time its costs.

With the Machflow® Plug-in technology a hand dryer can be installed in a few steps and it can be replaced in less than 10 seconds thanks to its SMED (Single-Minute Exchange of Die) system. Furthermore its maintenance can be carried out better at the maintenance workshop and it is totally secure against electric shocks. All of these benefits allow you to reduce the

This fast install/uninstall technology to the wall is **optional** and it is carried out by means of a special kit code: KTP009.

Installation of the dryer with this system is as follows



The Plug in Kit is compatible with the Machflow hand dryer and the Machflow hairdryer

Unscrew the cover screws (x2)

Remove the cover by a rotating movement

ATTENTION: To prevent electrical shock, disconnect the power source before installing the Plug in Kit

Disconnect the wires and remove the power strip

Unscrew the wall mount screws (x4)

Remove the silent blocks from the back of the unit (x4)

Route the wires through the holes to the back of the unit as shown on the picture

At the back of the unit, connect the wires to the fast connector following the engraved letters (N, L and Earth)

Fix the fast connector to the back of the unit using 2 screws

Close the dryer cover

Screw the cover fixing screws (x2)
Your dryer is now ready to be used on a Plug-in base

Same wall holes may be used for the Plug-in installation

Route the wires through the Plug-in base as shown on the picture

Screw the Plug-in base to the wall (x4)

Connect the wires to the fast connector following the engraved

Fix the fast connector to the Plug-in base using 2 screws

Close the security cover
Your Plug-in base is now ready to be used with a Plug-in dryer

Mount the dryer over the Plug-in base with a from top to down movement

Screw the safety screw
Your dryer is ready to be used

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



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

• Optional