

## HAND DRYERS

# M02A-UL / M02AC-UL / M02ACS-UL M03A-UL / M03AC-UL / M03ACS-UL

04 / 04





## USA

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## **INSTALLATION AND OPERATING MANUAL**

Cod.: 82917UL

### **INSTALLATION**

## **Dismantling for installation**

- The hand dryer is supplied with the metallic cover coupled to the base in a unscrewed stated.
- The cover should be extracted taking into account its upper rib placed in its fitting on the base.
- The cover must be removed obliquely until the upper rib has been extracted.

Take care to avoid:

- Damaging the internal parts (mainly electronic components)
- Damaging the cover. It is recommended placing it on a flat surface facing upwards and on a cloth.



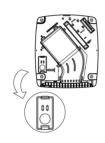


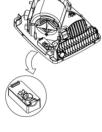


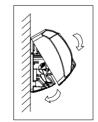
# **Mounting**

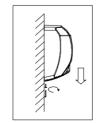
The assembly should be preferably prepared for rear ducting.

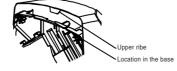
- Drill holes of 5/16" (8 mm) in the wall, using the template supplied. Clean the holes of the resulting dust and insert the plugs.
- Pass the power cables from the wall through the 7/8"
  (22 mm) hole situated beneath the connection board of the appliance.
- Screw the base of the appliance tightly to the wall ensuring the 4 silent-blocks are correctly positioned.
- Enter the power cables and earth wire into the inside space containing the terminal strip, passing them through the entry hole.
- To reach the terminal strip the protective top should be opened.
- Connect the cables from the mains and earth wire to their locations in the terminal strip. Once the electrical connection has been made, close the protective cover again.
- Fit the metallic cover into the base, placing it from top to bottom with a certain inclinations. Make sure the upper rib has entered in their location in the base.
- Place the lower screws, tightening with the specially supplied key.











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The manufacturer's obligation under this Limited Warranty is applicable only where a product defect has been claimed during the warranty period. The manufacturer's obligation under this Limited Warranty is limited to either (I) replacement of the Product; or (II) replacement of defective parts. To claim under this Limited Warranty, contact one of Mediclinics. S.A. official dealers.

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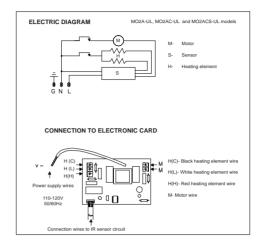
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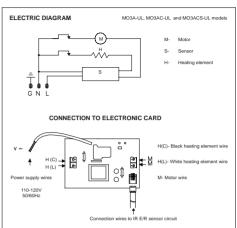
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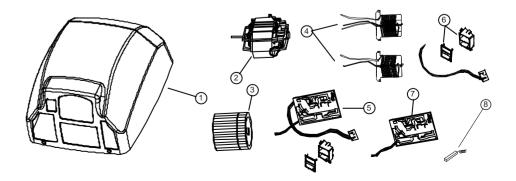
#### WIRING DIAGRAM





#### **BREAKDOWN LIST OF BASIC PARTS**

		MO2-UL & MO3-UL	MO2-UL	MO3-UL
White painted steel cover	1	RC82010		
Satin finish stainless steel cover	1	RC82020		
Bright finish stainless steel cover	1	RC82030		
Motor	2	RC82748UL		
Fan wheel	3	RC82777		
Heating element	4		RC82770UL	RC82720UL
Electronic circuit set	5		RC82600UL	RC82610UL
IR sensor circuit	6		RC82601UL	
Main electronic card	7		RC82602UL	
Coal brushes set	8	RC95750-AMT		
		RC95750-STC		



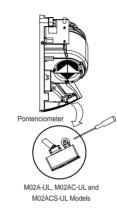


### **METHOD OF USE**

**M02A-UL** and **M03A-UL** families of hand dryers operate by hand detection. To achieve optimum drying of hands, it is advisable to rinse them well first, eliminating any soap left on them. Then, once the dryer is working, place the hands at the distance of approximately 2 3/8" - 2 3/4" (6 -7 cm) from the air outlet and rub the hands toguether. The detection of hands is based on the emission/reception of an IR light beam.

#### M02A-UL / M02AC-UL / M02ACS-UL models

- The detection distance is approximately 4 3/4" 5 7/8" (12 15 cm), but other levels may be set by adjusting the potentiometer wich is located in the IR sensors circuit.
- After removing the hands the appliance stops in 2 3 seconds.
- The heating element turns off 0.5 seconds before the motor.
- The appliance includes a protection system against continuous improper use (it stops after 120 seconds of continuous use).
- These models of hand dryer has an automatic temperature control system. It supplies the adequate heating power from 4 possible levels according to the value of room temperature.
- These models detect the presence of fixed objects (as fixed targets) and in this case it stops automatically after 4 5 seconds of starting operation.



## PREVENTATIVE MAINTENANCE AND CLEANING

Correct cleaning of the machine will lenghten its working life considerably. It is recommended to carry out the cleaning process at least once a year.

#### **CLEANING METHOD**

- Disconnect the dryer from the mains supply.
- Remove the 2 lower holding screws from the cover using the special key.
- · Remove the cover and place it carefully on a cloth avoiding scratches and scrapes.
- · Clean the dust from the surface and the parts of the main card of the electronic circuit. To do this, use a soft brush.
- Use the same brush to clean the motor surface, the entrance inlet of the volute, the air outlet and the air inlet grille.
- With a soft cloth, clean the surface of the IR sensor closure screen and remove any dust covering on its surface.
- Open the volute removing the safety screw and folding the closure clips and clean the turbine and heating element of dust. Close the volute again, putting in the closure clips and tightening the safety screw.
- Clean the dust from the perimeter of the base, especially the upper section.
- Assemble the cover, place the lower screws and connect the dryer once again.
- Start up the machine repeatedly in order to expel remains of dust after the cleaning process.

Do not damage or force any part during the entire process.

All cleaning procedures of the machine must be carried out by qualified technical staff.

MODEL	M02A-UL	M02AC-UL	M02ACS-UL	M03A-UL	M03AC-UL	M03ACS-UL
Input voltage			110 - 120 V	50/60 Hz		
Consumption	2.1 A ÷	2.1 A ÷18.75 A		18.75 A	A	
Rated power	0.34 ÷ 3	0.34 ÷ 3 Hp (250÷2,250 W)		3 Hp (2,250 W)	50 W)	
Weight	10.7 lb (4.85 Kg)	9.4 lb (4.25 Kg)	.25 Kg)	10.7 lb (4.85 Kg)	9.4 lb ( <sup>2</sup>	9.4 lb (4.25 Kg)
MOTOR: Power Type SCROLL-FAN			1/3 Hp Univ Fire	1/3 Hp (250 W) Universal Fireproof		
HEATING ELEMENT: Power		0÷2.7 Hp (0÷2000 W)			2.7 Hp (2000 W)	
TIMER: Type	<u> </u>	IR sensor & µ-processor			IR sensor	
DIMENSIONS: Height Widht Depth	12.6" (320 mm) 10.7" (272 mm) 6.5" (164 mm)	12.8" (325 mm) 10.7" (272 mm) 6.5" (164 mm)	.5 mm) 2 mm) 4 mm)	12.6" (320 mm) 10.7" (272 mm) 6.5" (164 mm)	12.8" (325 mm) 10.7" (272 mm) 6.5" (164 mm)	; mm) mm) mm)
COVER: Type Thickness	Steel 5/64" (1,9 mm)	Stainless Steel 1/6" (1.5mm)	s Steel 5mm)	Steel 5/64" (1,9 mm)	Stainles 1/6" (1	Stainless Steel 1/6" (1.5mm)
Finish	White Epoxy enameled	Chrome bright	Chrome satin	White Epoxy enameled	Chrome bright	Chrome satin
Certified in accordance with:			Th	UL 499		
Air flow : Air velocity Air temperature			318 CFM 5,195 LFN 120ºF	318 CFM (9,005l/min) 5,195 LFM (95 Km/h) 120°F (50°C)		

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