

mediclinics

HAND DRYERS / SECADOR DE MANOS / SÈCHE-MAINS

**M99A-UL / M99AC-UL / M99ACS-UL
M88APLUS-UL**



**INSTALLATION AND OPERATING MANUAL
MANUAL DE INSTALACIÓN Y UTILIZACIÓN
MANUEL D'INSTALLATION ET D'UTILISATION**

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INTRODUCTION

Technical Features:

- Surface Mounted.
- Sensor Operated - Adjustable Detection Range: 2-6 inches (5-15 cm).
- Voltage: 110 - 120 Volt at 60 Hz.

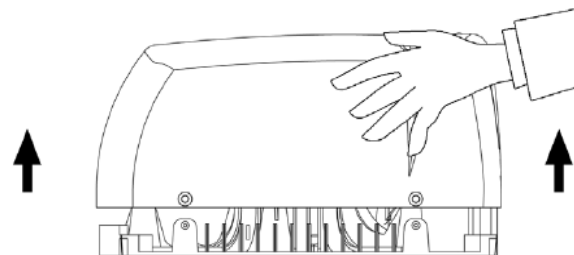
NOTE: For dryer to function properly, a minimum of 15 inches (40 cm) should be spaced between the hand dryer sensor and any obstruction such as shelves, hand washing stations, or any type of reflective surface.

MACHINE SHOULD BE INSTALLED, SERVICED AND MAINTAINED BY A QUALIFIED TECHNICIAN

INSTALLATION

1. Dismantling for installation

- The dryer is supplied with a pressure-mounted cover and is not screwed down.
- The 4 attachment screws are provided in the plastic bag with the plugs and lag bolts.
- Remove cover vertically, taking care to avoid:
 - Damaging internal components.
 - Damaging cover (See Figure 1).



CAUTION: do not damage the IR sensors in automatic models

Figure 1

2. Mounting

- Mount the machine along the rear channels.
- Insert the electric ducting through the hole next to the terminal strip.
- Use the drill template provided to fix the dryer to the wall.
- Drill 4 holes with a diameter of 5/16" (8 mm), and take care to clean all traces of dust from the holes.
- Screw down the base firmly to the wall using a screwdriver.
- Connect the electric ducting to the terminal strip. Screw down the 3 locking screws firmly.
- Finally close the terminal block cover properly

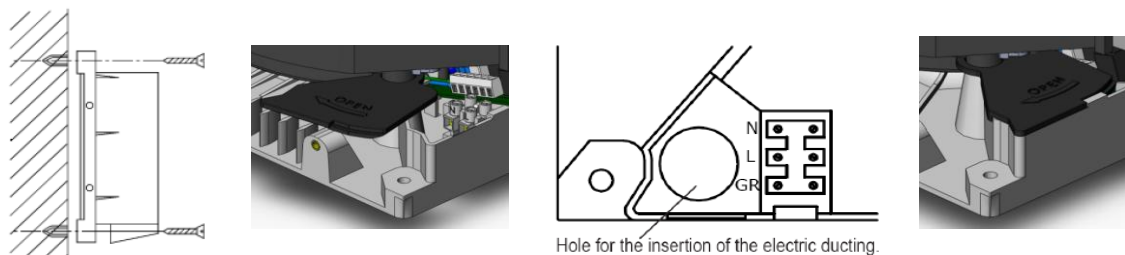


Figure 2

Machine must be handled only by an authorized technician.
WARNING: When dismantle the cover, electrical live and basic insulated parts are accesible.

3. Sensor range adjustment

Disconnect power to perform adjustments.
These adjustments should be made by a qualified technician.

Default Setting:
 • Detection Range: Low.

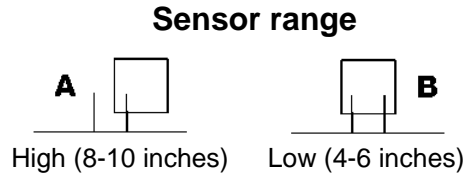


Figure 3

WIRING DIAGRAM

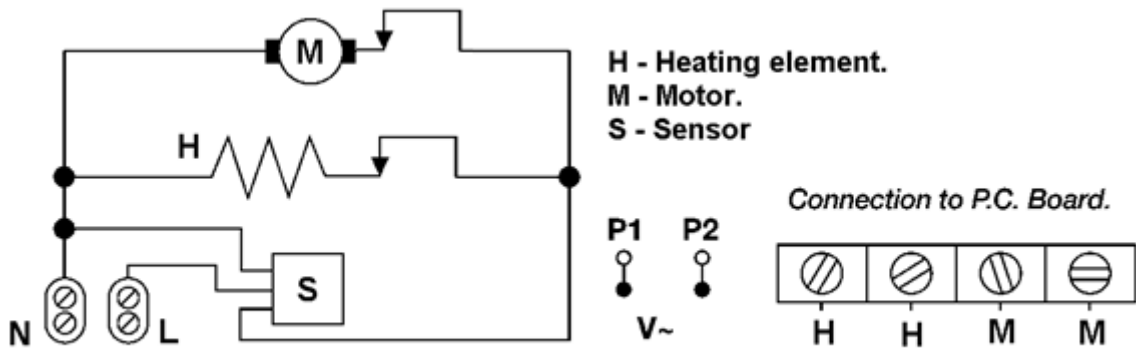


Figure 4

BREAKDOWN LIST OF BASIC PARTS

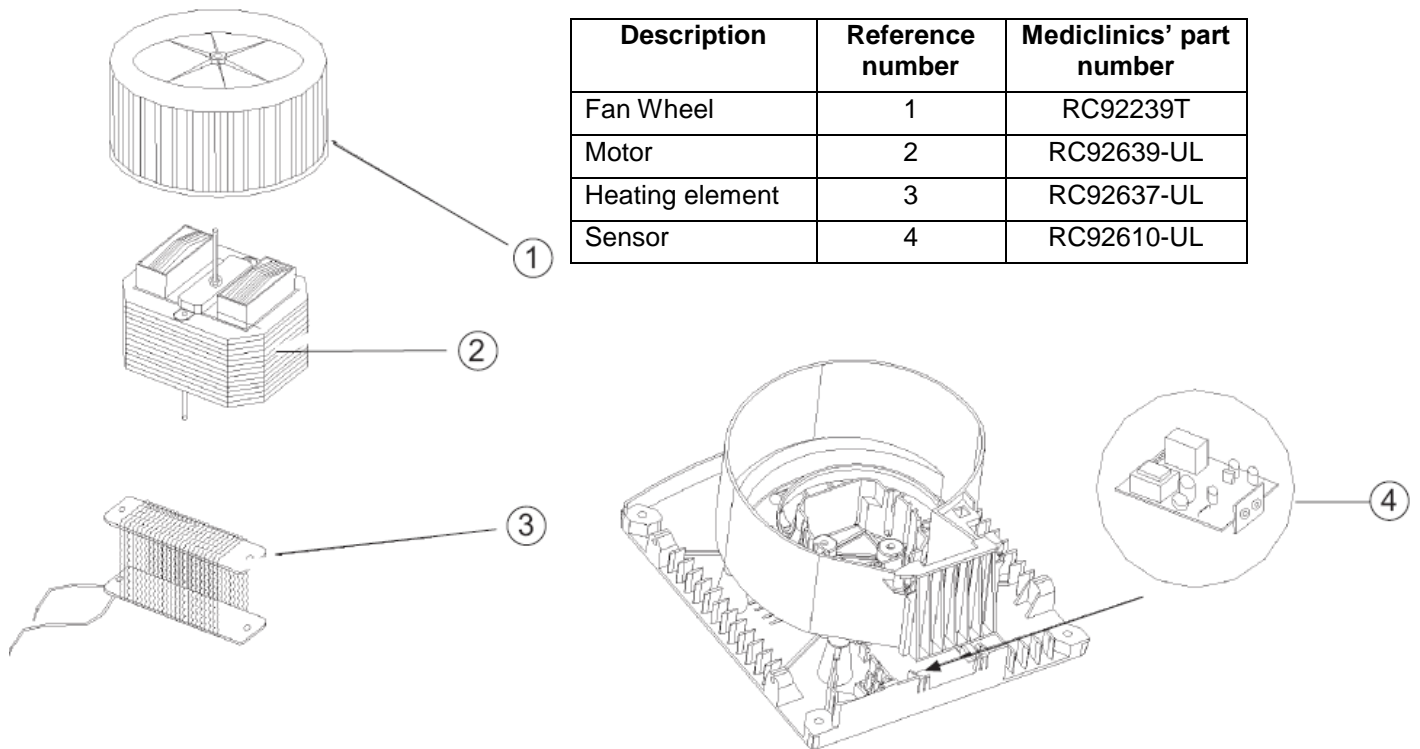


Figure 5

METHOD OF USE

To dry correctly is recommended rising well to remove all traces of soap.

These models operate by hand detection. Place hands 4-6" (10 - 15 cm) from the air outlet and the dryer will start working. Once activated, immediately place hands in air flow and rub together until dry. This machine will stop 2-3 seconds after use.

If the sensor is blocked due to vandalism, the dryer will completely stop working.

NOTE: let a minimum separation of 15" (40 cm.) between appliance and any shelf, marble, worktop or washbasin.



Sensor



Sensor

Figure 6

PREVENTATIVE MAINTENANCE AND CLEANING

1. Preventative maintenance

Correct cleaning of the unit will lengthen its working life considerably. When in use, the machine will accumulate dust inside which should be cleaned out every six months.

2. Cleaning method

1. Turn off power to the unit.
2. Remove cover using security wrench (See Dismantling for Installation).
3. Clean away any accumulated dust on the fan with a soft bristle brush while rotating it manually. Use the same brush, to clean away all accumulated dust from the other components. Carefully remove any dust from the electronic circuit board and hand detecting sensors using a fine brush.
4. Use brush to clean the air inlet grill and make sure the LED visor is completely clean.
6. Reconnect power to the unit and let it run continuously, removing any excess dust.
7. Turn off power to the unit and install cover per the Mounting Instructions.

Caution: Do not damage or force any components.

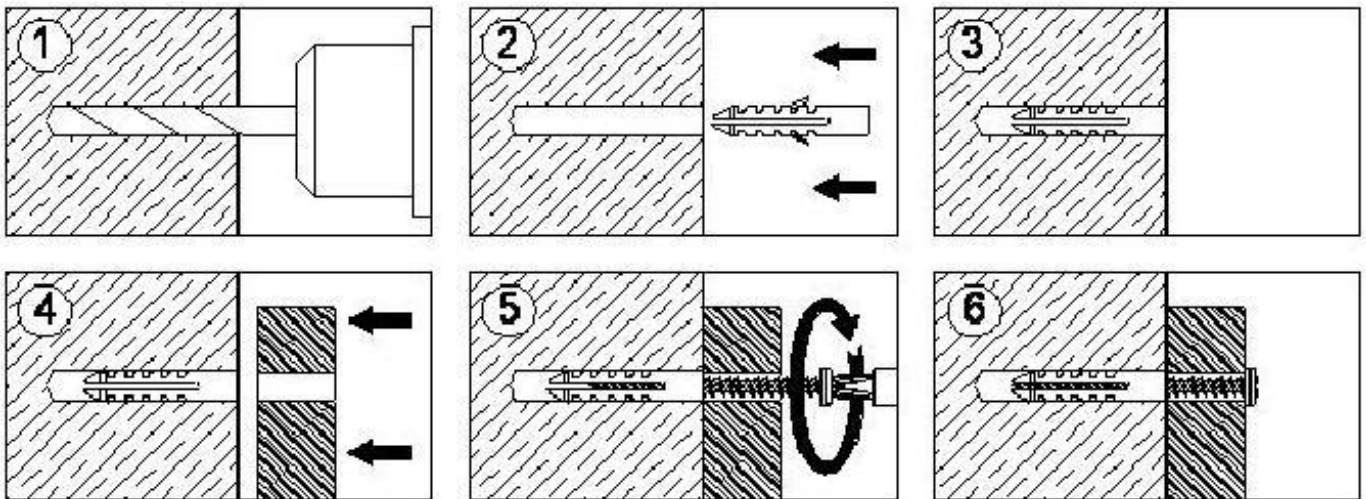
Cleaning the cover - Use only a wet cloth to clean the covers. Do not use any kind of detergent, acids, lye, abrasives, hydrochloric acid, etc.

MODEL	MODELO	MODÈLE	M99A-UL	M99AC-UL	M99ACS-UL	MM88APLUS-UL
GENERAL:	GENERAL:	GÉNÉRAL :				
Input voltage:	Alimentación:	Alimentation :	110 – 120 VAC / 60Hz			
Consumption:	Consumo:	Consommation :	13.6 A			
Rated power:	Potencia nominal:	Puissance nominale :	2.25 Hp (1,680 W)			
Weight:	Peso:	Poids :	9.8 lb (4,45Kg)	9.4 lb (4,25Kg)		6.6 lb (3 Kg)
MOTOR:	MOTOR:	MOTEUR :				
Power:	Potencia:	Puissance :	1/4 Hp (180 W)			
Type:	Tipo:	Type :	Shaded pole motor / Jaula de ardilla / À bague de déphasage			
TURBINE:	TURBINA:	TURBINE :	Single inlet centrifugal fan / Centrifuga de entrada simple / Centrifuge à un orifice			
HEATING ELEMENT:	RESISTENCIA:	RÉSISTANCE :				
Power:	Potencia:	Type :	2 Hp (1,500 W)			
TIMER:	SENSOR:	CAPTEUR :				
Type:	Tipo:	Puissance :	IR Sensor / Sensor IR / Capteur IR			
DIMENSIONS:	DIMENSIONES:	DIMENSIONS :				
Height:	Alto:	Hauteur :	13" (302 mm)			
Width:	Ancho:	Largeur :	10.2" (260 mm)			
Depth:	Profundo:	Profondeur :	5.9" (150 mm)			
CASING:	CARCASA:	CAPOT :				
Material:	Material:	Matière :	Steel /Acero / Acier	Stainless Steel / Acero inoxidable / Acier inox		Plastic (ABS)
Thickness:	Espesor:	Épaisseur :	0.06" (1,5 mm)			0.12" (3 mm.)
Finish:	Acabado:	Finition :	White paint / Pintado blanco / Peinture blanche	Bright / Brillante / Brillant	Satin / Satinado / Satiné	White
APPROVALS:	HOMOLOGACIONES:	HOMOLOGATIONS :	UL - CSA			
AIR OUTPUT:	SALIDA AIRE:	SORTIE D'AIR :				
Air flow:	Caudal de aire:	Débit d'air :	127 CFM (3,590 l/min)			
Air speed:	Velocidad del aire:	Vitesse de l'air :	2,734 LFM (50 Km/h)			
Air temperature:	Temperatura del aire:	Température de l'air :	135 °F (57 °C)			

ANNEX

MOUNTING INSTRUCTIONS.

- To mount onto wall, be sure there are no hidden electrical circuits or pipes in the mounting location.
- Place the mounting template (provided) on the wall to mark location of four mounting screw holes.
- Drill four holes (Fig.1) Ø8 (5/16") diameter and 45mm (1 ¾") depth.
- Take off the residual dust from the holes.
- Insert nylon plugs (provided) into four holes (Fig.2-3).
- Place base plate on wall (Fig.4).
- Fix the base plate firmly on the wall (Fig.5-6).



MOUNTING ITEMS PROVIDED.

- 4 screw.
- 4 Plug.
- 1 Mounting template.
- 1 Instruction manual.

