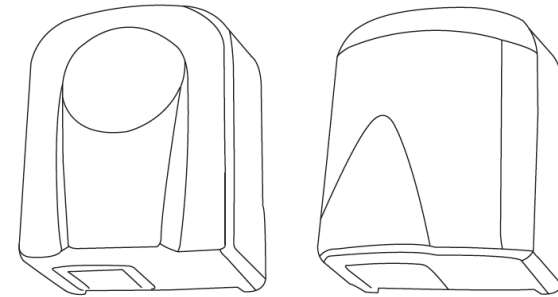




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# atc



**HAND DRYER  
MODEL Z1651W/M  
INSTALLATION MANUAL**



PLEASE READ CAREFULLY THROUGH THIS MANUAL BEFORE USING THE PRODUCT. OBSERVING ALL SAFETY INFORMATION, WARNINGS AND NOTES WILL PROTECT YOURSELF AND OTHERS.

This product is intended for installation by a qualified electrician; please observe all local wiring rules when installing this product. Disconnect power at the Circuit breaker or main fuse before installing or servicing.  
 Failure to properly ground unit could result in severe electrical shock and/or death.  
 All units must be supplied with a 3-wire service. The ground wire must be connected to the dryer's earthing terminal and back plate.

**Do not install dryer over a washbasin.**

If the power supply cord is damaged, it must be replaced by the manufacturer or its service agent or similar qualified person in order to avoid a hazard. Means for disconnection must be incorporated in the fixed wiring in accordance with the wiring rules

**SPECIFICATION**

- Voltage: 230V/50Hz, 6.1A
- Rated Power: 1400W
- Air Velocity : 13M/S
- Air Flow: 90M<sup>3</sup>/H
- Drying Time: 30-40S
- Sensor Range: 5-15CM (Manually adjustable)
- Protection Level: IPX1
- Stainless Steel Electric Isolation: CLASS I
- ABS Electric Isolation CLASS II
- Finish: Stainless Steel or White ABS
- Brush Motor: 2300 rpm
- Noise at 2M: 60dB
- Dimensions (HxWxD): 285x225x165mm

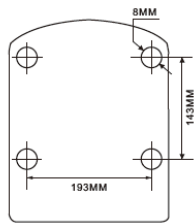
**INSTALLATION**

1. Installation must be carried out in accordance with the current edition of the local wiring regulations. Installation should be performed only by a qualified electrician.
2. Place template against wall at desired height (see mounting height recommendations below) and mark the location of the 4 mounting holes. Drill Diameter: 8mm (5/16").
3. Remove and retain the two security hex cover screws and cover. Then mount the hand dryer base on the wall using the wall plugs and fixings provided
4. Connect the live wire (Brown) to the terminal block marked "L".
5. Connect the neutral wire (Blue) to the terminal block marked "N".
6. Connect the ground wire (Colored Green & Yellow) to the terminal block marked "E".
7. Replace cover. Do not over-tighten screws.
8. Energize the supply and test for sensitivity. If the dryer sensitivity is not satisfactory, remove the cover and adjust using the sensitivity potentiometer.

Installation Kit Included: 4pc self-threading screw, 4pc plastic dowel, 1pc installation template

**MOUNTING HEIGHTS (to base of the dryer)**

Men	1200mm
Women	1160mm
Children 4-7 years	812mm
Children 8-10 years	860mm
Children 11-13 years	910mm
Children 14-16 years	960mm
Disabled Bathroom	900mm



INSTALL TEMPLATE

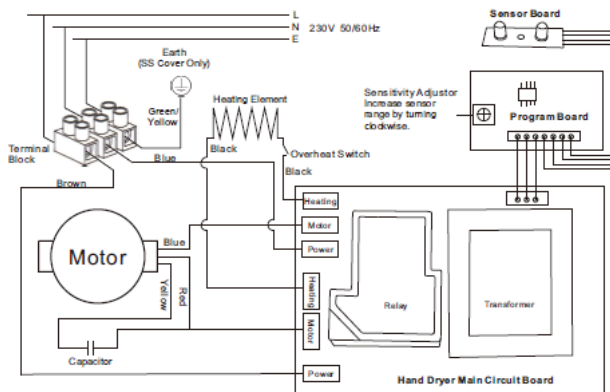
**OPERATION**

- Automatic No-touch operation.
- Shake excess water from hands.
- Place hands under the outlet to start operation.
- Rub hands lightly and rapidly.
- Stops automatically after hands are removed.

**MAINTENANCE**

- Periodic cleaning of the unit is recommended.
- Isolate power, remove cover and clean dryer interior. Remove any dust or lint.
- Wipe the cover with a damp cloth and mild cleaning solution. Do not soak.
- Never use abrasives to clean the cover

**CIRCUIT DIAGRAM**



**TROUBLESHOOTING**

Symptom	Corrective Action
If the dryer will not run	First ensure that the circuit breaker supplying the dryer is operational. If it is, disconnect the power and remove the dryer cover. Taking suitable precautions to avoid shock hazard, reconnect the power and check for voltage at the terminal block. If there is power and the dryer will not run, replace the Electric Circuit Board, Microcomputer Board, and/or Sensor Board. Turn the blower wheel several times by hand to see if it is blocked, if so remove blockage and test dryer again.
If the dryer cycles by itself, runs all the time, or is not sensitive enough	Ensure that there is no obstruction on or in front of the infrared sensor. Clean any dirt off the sensor lens. Try adjusting the sensitivity potentiometer on Microcomputer Board (Blue dial). Turn anti-clockwise to decrease the sensor range. If the problem persists, replace the Microcomputer Board
If heat element gets hot but the fan motor does not turn	Disconnect the power. Remove the dryer cover and check for obstructions in the fan housing. Damaged fans must be replaced. If there no obstructions, replace the motor.
If the dryer runs but makes a buzzing noise	Disconnect the power. Remove the dryer cover and check the fan for rubbing on the housing as its rotates. Replace fan if it is rubbing or damaged.
If the fan motor runs but the heat element does not get hot (Dryer blows cold air)	Disconnect the power and remove the dryer cover. Check for loose or damaged wires. Remove the blower housing. Check the heating element to see if it is burnt out or broken. Damaged elements must be replaced. If the element does not appear damaged, disconnect it at the Electric Board and check element wire continuity, if open circuit replace the element Please check thermostat continuity on the heating element at the same time.
If the motor makes a ticking or whining noise when it runs	Disconnect the power, remove the dryer cover and check the brushes for wear, replace them if necessary

**WARRANTY**

This hand dryer has a 1 year warranty from the date of purchase for any manufacturing defect. It covers replacement of defective parts except when caused by improper use of the hand dryer. This warranty is only valid if the form card has been properly filled up with the vendor stamp.

For any warranty claim you should contact your local distributor or manufacturer.

Model:		Serial No.:	
Distributor:		Customer:	
Address:		Tel No.:	
Fax. No.:		Date of Purchase:	
For Seller:		Signature & Stamp:	