

ML_ECLIPSE Eclipse Hand Dryer

Note

This product is to be installed by suitably qualified persons, in a fit-for-purpose application, to suitable materials, using suitable fixings, and complying with any relevant codes.

Dimensions

287.99mmH x 220mmW x 100mmD

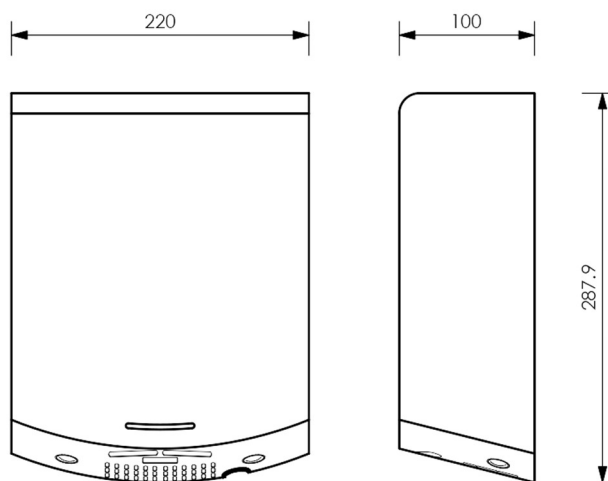


Hardware Provided

- 1x Mounting Template
- 1x 1.2m Power Cord
- 4x M6 38mm Screws
- 4x M10 Washers
- 4x Nylon Bushing Grommets
- 1x Security Pin Hex L-Wrench

Before Installation

- Inspect the product. If there is any damage or missing parts, do not install the product and contact your place of purchase.
- Ensure the surface you wish to mount the dryer to is flat.
- If the dryer is to be hardwired by a qualified electrician, ensure that an isolation switch is installed and 3.31mm² CSA solid conductor is used for wiring.
- Make sure that the power supply breaker is switched off.



This product is accessible compliant when installed in accordance with AS 1428.1 guidelines.

The photographs and line drawings of the products presented above are representational only.
Metlam Australia Pty Ltd reserves the right to, and from time to time, make changes and improvements to design and dimensions.

Installation Instructions

Placement may be subject to regulations/codes and architectural drawings. Correct positioning is the responsibility of the installer.

1. Place the mounting template against the wall at the desired height (the suggested height is 1100mm between the bottom edge of the dryer and the finished floor) and mark the locations of the four mounting holes.

If hardwiring, also mark the position of the wire service entry at the electrical knockout location. When installing two or more dryers, they should be positioned no closer than 670mm from centre to centre.

This dryer utilises a motion sensor. To ensure reliable operation, place it away from direct sunlight, high-intensity artificial light, and/or highly reflective surfaces.

2. Undo the two security pin hex screws at the bottom of the dryer. Set the screws and lock washers aside. Lift the back plate out of the casing.
3. Install four suitable fasteners into the wall at the marked locations and attach the back plate. If using the supplied screws/washers/bushings, drill the holes 35mm deep using a 8mm drill bit. Please be aware that adhesives are not considered to be a reliable fixing means.
4. Refer to the circuit diagram on the inside of the casing and connect the supply wires to the terminal block where indicated and connect the ground wire to the back plate with the ground screw (see Connections).

⚠ Failure to properly ground unit could result in severe electrical shock and/or death.

5. Replace the casing by hooking it over the top rim of the back plate and swinging it down. Being careful not to overtighten, replace and tighten the screws and lock washers.
6. Switch the power supply breaker on.
7. Test dryer for correct operation.
8. Retain the hex L-wrench for the end user.

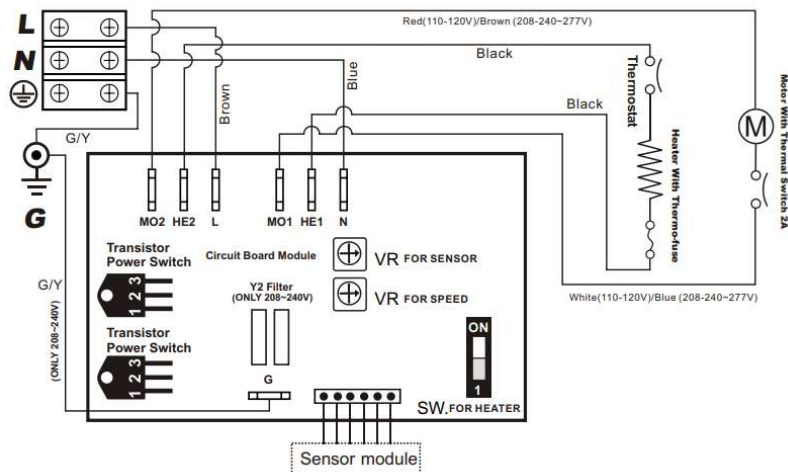
Note Regarding Accessible Compliance:

"Where provided, ... hand dryers ... shall be operable by one hand, and shall be installed with the height of their operative component or outlet not less than 900 mm and not more than 1100 mm above the plane of the finished floor, and no closer than 500 mm from an internal corner."

- AS 1428.1:2021 clause 12.4.3

CONNECTIONS:

- A. Connect the live wire (colored Brown, Red or Black) to the terminal block marked "L".
- B. Connect the neutral wire (colored Black, Blue, White or Grey) or connect the second live wire (colored Red or Orange) to the terminal block marked "N".
- C. Connect the ground wire to the terminal block marked "⊕" or to the green screw marked "⊕". Bare grounding (earth) wires should be sleeved with green and yellow or green tubing. Colors of live and neutral wires depend on voltage of supply service and requirements of Building and Electrical Code having jurisdiction.

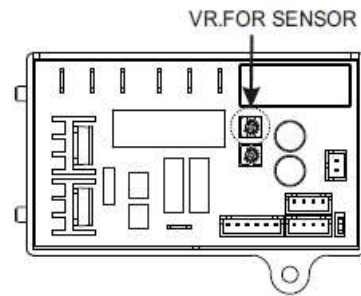


Sensing Distance Adjustment

The standard sensor distance setting is 170mm $\pm$ 20mm.

The range is between 100 and 230mm.

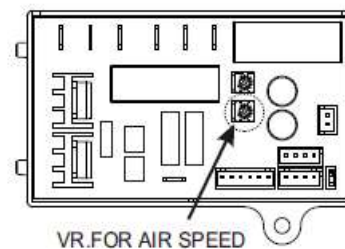
1. Disconnect power, undo the two security pin hex screws at the bottom of the dryer, and remove the casing.
2. Use a small Phillips-head screwdriver or a plastic flat-blade probe to gently turn the SENSING DISTANCE Variable Resistor shaft on the PCB.
↻ + Turning clockwise increases the sensing range.
↻ - Turning counterclockwise decreases the sensing range.
Do not overturn.



Air Speed Adjustment

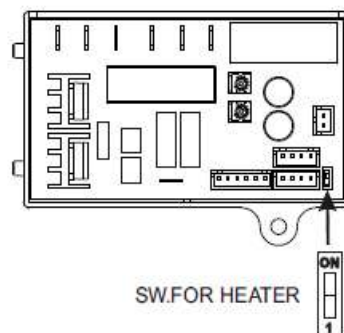
The air speed range is between 95m/s and 115m/s.

1. Disconnect power, undo the two security pin hex screws at the bottom of the dryer, and remove the casing.
2. Use a small Phillips-head screwdriver or a plastic flat-blade probe to gently turn the SPEED Variable Resistor shaft on the PCB.
↻ + Turning clockwise increases the air speed.
↻ - Turning counterclockwise decreases the air speed.
Do not overturn.



Heat Adjustment

1. Disconnect power, undo the two security pin hex screws at the bottom of the dryer, and remove the casing.
2. Adjust the heater switch on the PCB with a small plastic flat-blade probe.
ON Slide the switch to "ON" to enable the heater.
1 Slide the switch to "1" to disable the heater.



Troubleshooting

Problem	Solution
If the dryer will not run	First, ensure that the breaker supplying the dryer is operational. If it is, disconnect the power and remove the dryer casing. Taking suitable precautions to avoid shock hazard, reconnect the power and check for Voltage at the terminal block. Verify that connections are made correctly.
The dryer cycles by itself or runs constantly	Ensure that there is no obstruction on or in front of the IR sensor. Clean any dirt or debris off the sensor lens. If the problem persists, replace the sensor.
The dryer makes a loud noise and does not run for a complete cycle	The dryer will make a loud humming noise if the input voltage is too high. Ensure that the supply voltage is correct (220-240V). Correct supply as required. If the PCB has been damaged, replace the PCB and sensor.
The dryer runs, but air stream is low pressure and/or low velocity	The dryer will run weakly if the input voltage is too low. Ensure that the supply voltage is correct (220-240V). Correct supply as required.

Technical recommendations and installation advice from Metlam Australia Pty Ltd are general in nature and provided in good faith without warranty. Metlam disclaims all liability for errors, omissions, or damage resulting from improper installation or maintenance. All products must be installed by qualified tradespeople and maintained by competent personnel. It is the installer's responsibility to conduct thorough pre-installation assessments; Metlam Australia will not enter into post-installation disputes regarding positioning, functionality, or external factors affecting performance.

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