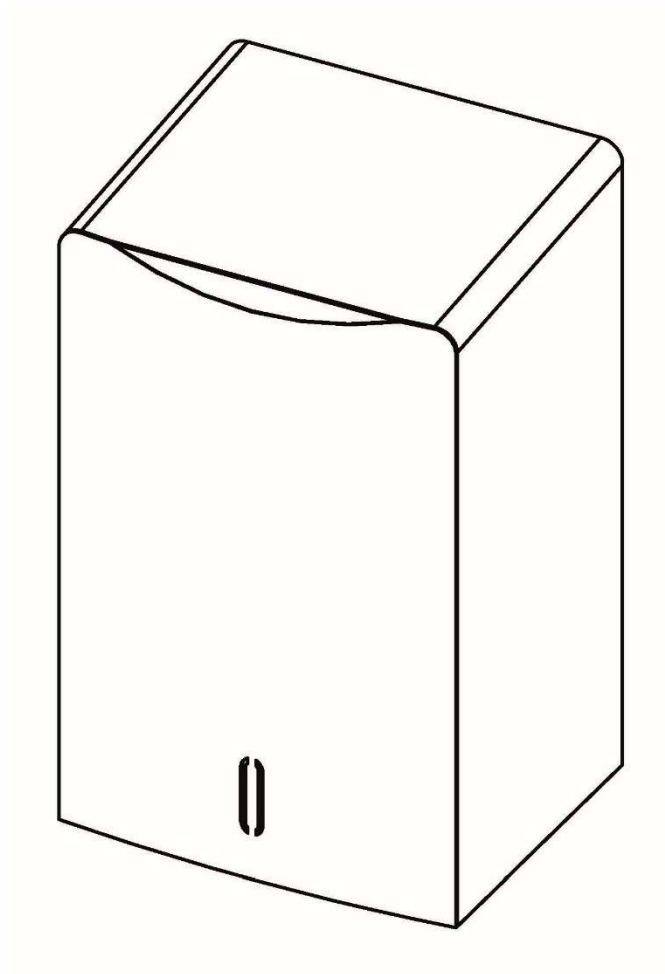


1.0kW Automatic Hand Dryer Range

Installation and Wiring Instructions



**PLEASE READ THESE INSTRUCTIONS IN CONJUNCTION WITH THE ILLUSTRATIONS.
PLEASE SAVE THESE INSTRUCTIONS.**

IP24

**UK
CA**

CE

General safety information

⚠ WARNING

This product is intended for installation by a qualified service person. Use 2.0 mm² (AWG NO.14) solid conductor for wiring.

⚠ WARNING

Disconnect power at the service breaker before installing or servicing. **NOT FOR HOUSEHOLD USE - MAY CAUSE BURNS.**

⚠ DANGER

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

⚠ WARNING

All units must be supplied with a 3-wire service. The ground wire must be connected to the dryer's backplate.

NOTE: We do not recommend installing this dryer above a basin. If you are installing this dryer above a basin, please make sure that reflection won't occur.

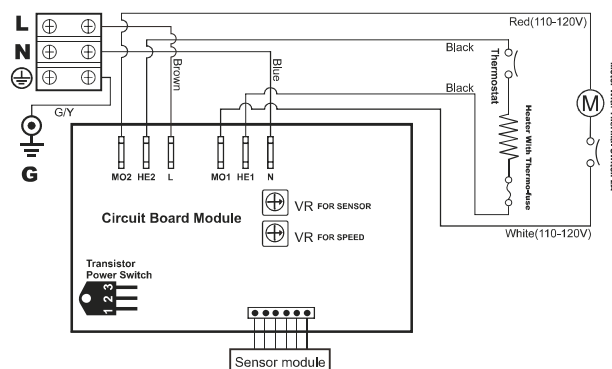
【 Type Y attachment 】

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

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Children should be supervised to ensure that they do not play with the appliance.

Circuit Diagram

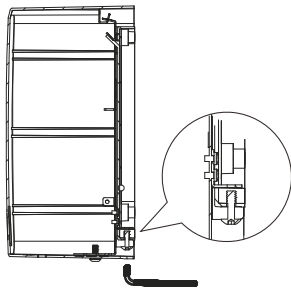


Installation

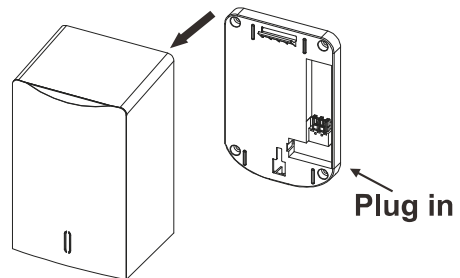
1. Make sure power supply breaker is switched off. Installation must be carried out in accordance with the current edition of the local wiring regulations code having jurisdiction. Installation should be performed only by a qualified electrician.
2. Place template against wall at desired height (see mounting height recommendations) and mark locations of 4 mounting holes and wire service entry at knockout (KO) location.

Note: For two or more dryers, dryers should be no closer than 24 inches (610 mm) on center.

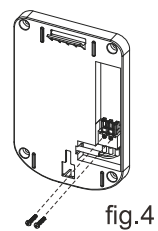
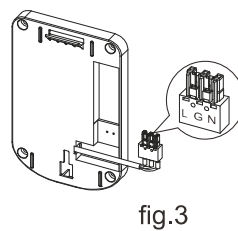
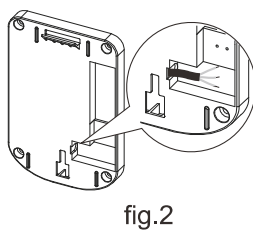
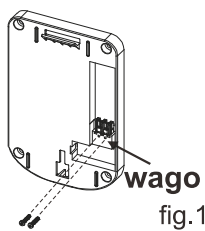
1. Loosen the middle screw.



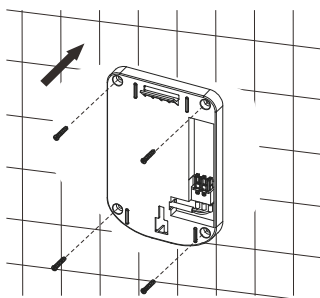
2. Remove the unit from the plug-in base plate.



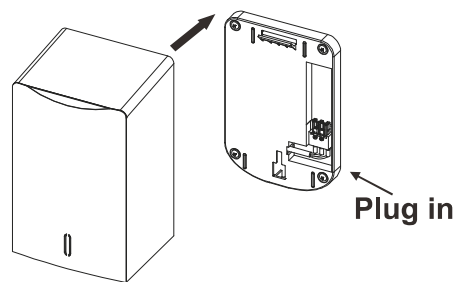
3. Remove the two screws from the Wago connector on the plug-in base plate. (fig.1)
Run the power cable through the plug-in base plate. (fig.2)
Connect the power cable to the Wago connector. (fig.3)
Fasten the Wago connector to the plug-in base plate. (fig.4)



4. Fix the base plate to the wall with 4 screws of 1/4 x 1-3/4" dimension.



5. Mount the unit onto the plug-in base plate. Fasten the middle screw.



Recommended mounting heights

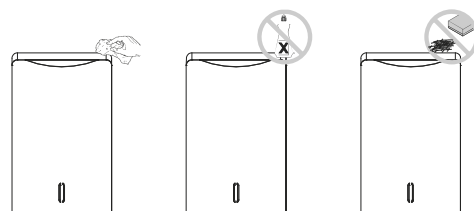
- from bottom edge of dryer above finished floor (AFF)

Men	1000 mm	(40")
Women	960 mm	(38")
Children 4-7 years	812 mm	(32")
Children 8-10 years	860 mm	(34")
Children 11-13 years	910 mm	(36")
Children 14-16 years	960 mm	(38")
Handicaped	860 mm	(34")

Cleaning and Maintenance

Periodic cleaning of the unit is recommended to ensure optimum performance.

- Disconnect the electrical supply.
- Remove the two cover-mounting screws.
- Remove the cover.
- Clean all dust lint from the interior of the dryer.
- Do not flush with water.
- Wipe the cover with a damp cloth and mild cleaning solution. Do not Soak. Never use abrasives to clean the cover.
- Replace the cover. Do not over tighten the screws.

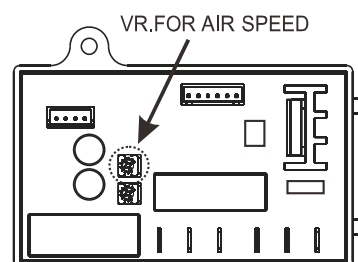


Operation

- 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.

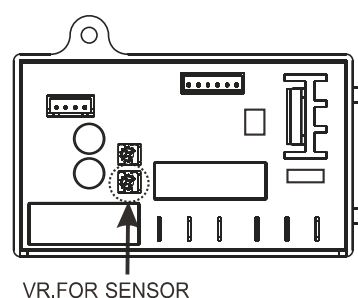
Warm air speed adjustment

1. Switch off the power, loosen the cover screws and remove the cover.
2. Use small Philips head screwdriver or plastic flat blade probe to turn VR shaft. Turn it gently clock-wise [CW] to increase power to maximum (+) ↻, [CCW] to reduce power as required (-) ↻.



Sensor range adjustment

1. The range is 4" to 9" [100 mm to 230 mm], standard setting is 6.69" [170 mm ± 20 mm].
2. Clockwise: Increases the sensing range(+) ↻.
3. Counterclockwise: Decreases the sensing range(-) ↻.
4. DO NOT OVERTURN !



Diagnostics and Remedies

Symptom	Corrective Actions for Initial Installation Failures
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 cover. Taking suitable precautions to avoid shock hazard, reconnect the power and check for Voltage at the terminal block. Verify that connections are made correctly. Adjust the VR to make sure it is not set too low.
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 problem persists, replace sensor.
The dryer makes a loud noise and does not run for a complete cycle	Ensure that the supply Voltage is correct. Dryer will make a loud humming noise if the input Voltage is too high. Verify Voltage requirement on unit rating label and correct supply as required. If CBM has been damaged, replace CBM, IR sensor module and VR component and cable.
The dryer runs but air stream is low pressure and / or low velocity	Ensure that the supply Voltage is correct. Dryer will run weakly if the input Voltage is too low. Verify Voltage requirement on unit rating label and correct supply as required.
Symptom	Corrective Actions for In-Service Failures
If the dryer will not run	Use a multimeter to test the current on the heating element. If there was no current, please change the heating element. If current was detected, change the motor or check the motor brushes and replace them if the remaining graphite is $\leq 25/64$ " [10mm].
The IR sensor only "sees" close range objects	Ensure that there is no obstruction on or in front of the IR sensor. Clean any dirt or debris off the sensor lens. If problem persists, replace sensor.
The heater gets hot but no air stream is produced	Disconnect the power. Remove the dryer cover and disassemble the blower-motor / fan housing. Replace the fan motor.
The dryer only blows cold air during a full cycle	Disconnect the power. Remove the dryer cover and disassemble the blower-motor / fan housing. Test the thermostat for open circuit. Check the heater element for signs of burning or breakage. Damaged element must be replaced.
The air stream is low pressure and velocity	Check the output nozzle for obstructions. If none are present, disconnect the power. Remove the dryer cover. Remove any dust / lint buildup from intake vent slots. Disassemble the blower-motor / fan housing. Check the motor brushes for worn condition ($\leq 25/64$ " [10mm] graphite remains) and replace them, if necessary.

Smart LED Indicator:

The hand dryer has a smart LED indicator and uses different colours to indicate the condition of the hand dryer, and also as a maintenance reminder for when to replace the HEPA filter or motor brushes.

LED colour **WHITE** - Hand dryer ready.

LED colour **GREEN** - Hand dryer in use.

LED colour **RED** - Replace HEPA filter.

LED colour **BLUE** - Replace motor brushes.

**Disposal**

This product should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority for recycling advice.

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