

SUPREME

MASTER AIR



Installation
& maintenance
instructions

General Safety Information

WARNING - TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:

- Failure to disconnect the power source before installation can result in serious injury or death from electric shock. Always disconnect the power source before servicing or installing the hand dryer.
- Fixed wiring is recommended for all installations. Wiring should emerge from the wall in the position marked on the mounting diagram. All fixed wiring should incorporate a switch or breaker with a contact separation of at least 3mm in all poles.
- SPL (2021) Ltd accepts no responsibility for any damage or injury to property or persons caused by improper, incorrect or unreasonable use or installation.
- Failure to properly ground this unit could result in severe electrical shock and/or death. We recommend GFCI protection in wet or damp locations or as required by local code.
- Risk of fire, personal injury or property damage are possible if local codes, or safety recommendations are not followed. Installation must be carried out by a qualified person in accordance with all local wiring regulations.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- The instructions contained within the Mounting Template must be followed carefully when installing this unit. Failure to accurately follow the instructions may result in the incorrect operation of this unit, damage to property and/or personal injury.
- 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.
- Do not insert objects into the air outlet, doing so can be hazardous and could result in electric shock.
- Do not obstruct the air inlets or outlets in any way.
- Do service your hand dryer at regular intervals.

Operating Instructions and Parts Manual

Please read carefully before attempting to assemble, install, operate or maintain the product described. Protect yourself and others by observing all safety information. Failure to comply with instructions could result in personal injury and/or property damage. Retain instructions for future reference.

Supreme Master Air Hand Dryer

The Supreme Master Air hand dryer delivers warm air at only 60 dBA, making it one of the quieter options on the market. Extending just 130mm from the wall, its slender form is a feature making it ideal where space is a premium.

Specifications

Cover	Powder coated diecast aluminium or Stainless Steel
Motor	Brushless induction, external rotor
Power	2000W
Element	1900W with overheat protection
Rating	220 - 240V AC, 50Hz, IP23
Switching	Reflective infrared sensor with blue light assist
Sound Level	60 dBA @ 1.5m
Max Airflow	300 m3/hour
Dimensions	265W x 290H x 130D mm
Weight	4.7kg
Warranty	The Supreme Comprehensive Hand Dryer Warranty 24 Month Limited Warranty
Standards	Complies with New Zealand and Australian Standards

Planning

We suggest that one hand dryer be installed for every two hand basins.

Ensure that no reflective object (such as tap or basin) is located directly under the infrared sensor eye. Dryer should not be within 500mm of bench-top or reflective surface.

When positioning dryers take note of traffic flows in the washroom, also be aware of obstructions such as doors, cabinets etc.

Recommended Mounting Heights

From Floor to Dryer Bottom Edge:

Men's washroom	1100mm
Ladies' washroom	1050mm
Children's washroom 13-17yr	1000mm
Children's washroom 10-13yrs	950mm
Children's washroom 7-10yrs	900mm
Children's washroom 4-7yrs	800mm
Disabled Person's	950mm

Installation Instructions

1. Disconnect power source.
2. Using the Allen key provided, remove two security screws located at the top of the unit.
3. Pull top of cover away from back plate and push down and out to remove.
4. Pass power supply cable through hole in back plate.
5. Position back plate on wall as per recommended mounting heights.
6. Fasten dryer to the wall using suitable fixings for the type of wall.
7. After terminating cable, replace the cover and test operation.

Supreme hand dryers have been tested and comply with all relevant Australian and New Zealand standards for electrical safety and electromagnetic interference.

NOTE: As this appliance is rated class II, it does not need earthing. Phase and neutral are connected without any polarity on the internal connector.

Adjusting IR Sensor Distance

IR sensing distances for the Supreme Master Air are factory set but for some environments it may need to be adjusted.

Sensitivity can be adjusted as required by turning the trim pot at base of machine with a small flat head screwdriver. Turning anti-clockwise to increase sensitivity / distance and clockwise to decrease sensitivity / distance.

Aim for activation at 110mm.



Trimpot
location

Maintenance Instructions

Very little maintenance is required to keep your hand dryer in good working condition. However, the following maintenance should be carried out six monthly in high traffic areas and yearly in normal traffic areas.

1. Disconnect power supply and remove cover
2. Carefully clean lint from inside the dryer
3. Wash cover in warm soapy water to remove grime

Your warranty could become void if the above is not performed at the specific intervals.

NOTE: For models incorporating a power cord, if the cord is damaged it must be replaced by the manufacturer, a service agent or similarly qualified persons in order to avoid a hazard.

Troubleshooting

Symptom	Corrective Action	Part required
Hand dryer fails to start.	Ensure power is available.	
	Ensure sensor lens is clean.	
	Increase sensitivity via trimpot - see page 6 for instructions.	
	If the above actions are not successful, replace integrated sensor and PCB.	PCB - JVD500M
Hand dryer is not heating.	Isolate from the mains and replace element.	Element - JVD200MT1.9
Motor is running slowly in the first instance.	Isolate from the mains and replace PCB.	PCB - JVD500M

Supreme Hand Dryer Limited Warranty

Your Supreme hand dryer is fully guaranteed against defective materials and faulty workmanship commencing from the date of sale (according to SPL's records), subject to it being installed and maintained in accordance with the manufacturer's instructions.

SPL (2021) Limited warrants that should any part of the dryer fail within the given warranty period (2 - 5 years product dependant), it will be remedied by SPL.

The dryer should be returned to SPL (2021) Limited for all warranty claims. The cost of cartage will be payable by the customer.

Due to the significant variation in tradesmen's knowledge, experience, and productivity, labour charges will NOT be accepted unconditionally. We strongly recommend contacting our office for advice before proceeding with any warranty repairs.

This warranty excludes:

- Incorrect installation, or installation that does not specifically follow the installation guidelines supplied
- Defects arising from improper installation, or incorrect electrical supply where applicable
- Failure to follow manufacturer's maintenance instructions
- Damage/Failure resulting from:
 - the use of non-authorized parts
 - authorised parts not installed in accordance with the manufacturer's instructions
 - accidental damage, negligent use, misuse, vandalism, neglect
 - damage caused either directly or indirectly by external sources (power outages, power surges, incorrect power supply, natural disaster, or insect infestation)
- Water ingress caused by property maintenance or flooding
- Negligent cleaning practices (water ingress, harmful chemical etc)

The above includes consequential damage to any other goods, furnishings, or property.

- Normal wear and tear and consumable parts (HEPA filters, UV-C lamps, fuses, motor brushes etc)
- This warranty does not displace any statutory warranty in relation to the dryer but any liability of SPL (2021) Limited under any statutory warranty will be limited to a replacement or repair of the dryer or payment of the cost of such replacement or repair at the sole discretion of SPL (2021) Limited

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