

SUPRATECH

HYGIENE ON THE MOVE!



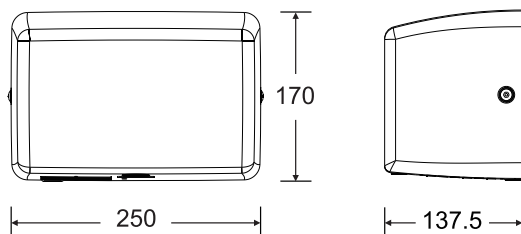
COMPACT

**AUTOMATIC BRUSHLESS
HAND DRYER
WITH HEPA FILTER**

INSTALLATION AND MAINTENANCE GUIDE

COMPACT hand dryer with brushless motor and Hepa filter

Ref. **SM-4004 / SM-4005 / SM-4006 / SM-4007**



TECHNICAL FEATURES

Operating Voltage	220-240 Vac, frequency 50Hz or 60 Hz, 3.7 A, 840 W
Air output temperature	55°C - Ambient temperature 25°C (max, adjustable)
Air speed output	56.5 - 81.8 m/s
Air flow rate	64 - 92 m³/h
Motor	200 - 450 W, 20 000 - 28 000 RPM, brushless type
Heater element	450 W, On: 450 W, Off: 0 W
Heater thermal protection	Auto resetting thermostat turns unit off at 85°C, thermal fuse cuts unit off at 142°C
Drying time	Less than 10 - 15 seconds
Stand-by power	Less than 1.5 W
Circuit operation	Infrared automatic, self-adjusting
Sensor range	Standard 200 mm ± 20 mm
Timing protection	60 seconds auto shut off
Drip proof	IP11 or IP13 (optional)
Isolation	Class 1
Weight	3.8 kg (4.2 kg shipping weight)
Dimensions	W250 x D137,5 x H170 mm

> COVER FINISHES

- SM-4004 - stainless steel, brushed finish (th.1.2 mm)
- SM-4005 - stainless steel, bright finish (th.1.2 mm)
- SM-4006 - white epoxy steel (th. 1.2 mm)
- SM-4007 - black epoxy steel (th.1.2 mm)

GENERAL SAFETY INFORMATION

DANGER

- Failure to properly ground unit could result in severe electric shock.
- Electrical connection via 3-wires, with the ground wire connected to the dryer's plate.

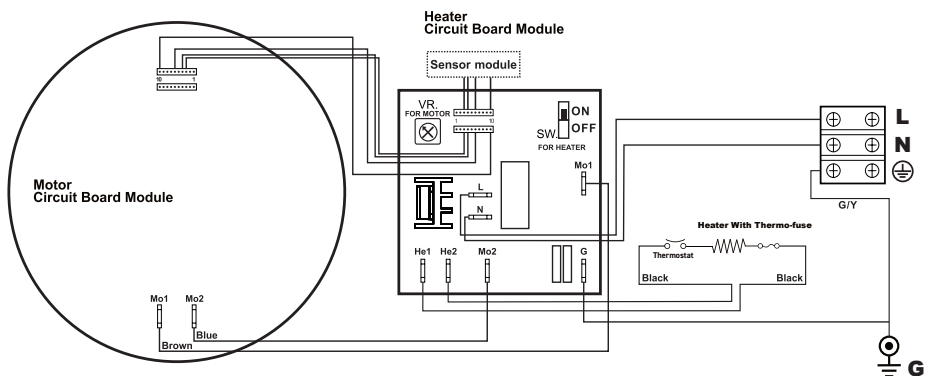
WARNING

- Installation by qualified service personnel only.
- Use 2.5 mm² electrical cables in accordance with current standards.
- Shut off the power supply before installation or maintenance.

NOTES

- Installation of this dryer above a washbasin isn't recommended.
If installed above a washbasin, ensure there is no reflection.
- If the power supply cord is damaged, it must be replaced by the manufacturer or its distributor or a qualified agent in order to avoid any hazard. Disconnect the fixed wired only in accordance with the wiring rules.
- This device may be used by children aged 8 year or above and by persons with reduce physical, sensory or mental capabilities, or lack of experience and knowledge, provided they have been given supervision or instruction concerning the safe use of the device and understand the hazards involved.
- Children shall not play with the device.
- Cleaning and user maintenance shall not be carried out by children without supervision.

CIRCUIT DIAGRAM

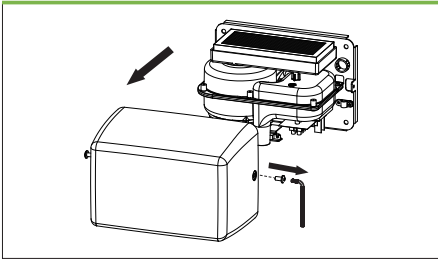


INSTALLATION

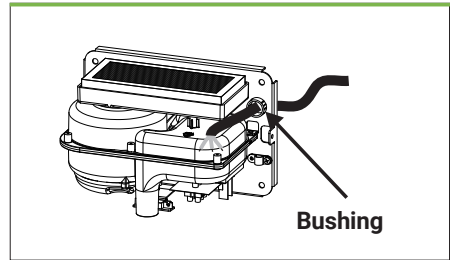
1. Ensure the power supply breaker is switched off.
Installation shall be carried out in accordance with current local electrical regulations and by a qualified electrician only.
2. Place the template against the wall at the desired height (see installation height recommendations) and mark the locations of the four fixing holes and electrical wire entry point.

NOTE: The spacing between 2 hand dryers should be at least 610 mm.

1 – REMOVE AND PUT ASIDE THE 2 SCREWS AND THE COVER



2 – INSERT THE POWER SUPPLY CORD INTO THE BUSHING



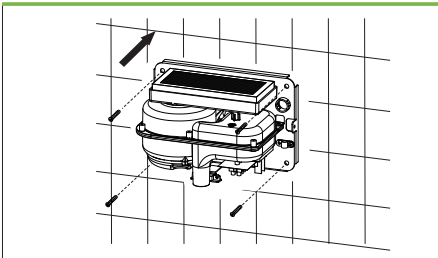
3 – CONNECT THE WIRES INTO THE TERMINAL

A line drawing of the internal wiring terminal block. A warning symbol (exclamation mark inside a triangle) is shown next to it. A circular inset provides a closer view of the terminal block, showing three screws for wire connection.

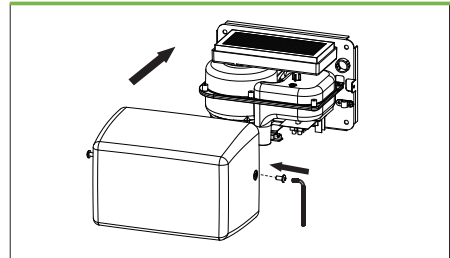
- A. Connect the live wire (colored black, brown or dark) to the terminal block marked "L".
- B. Connect the neutral wire (colored white, grey, blue or light) to the terminal block marked "N".
- C. Connect the ground wire (colored green or green and yellow) to the green screw marked "⊕".

Note that the colors of the live and neutral wires depend on the voltage of the power supply.

4 – FIX THE BASE PLATE TO THE WALL WITH 4 SCREWS OF 1/4" X 1-1/2"



5 – PUT THE FRONT COVER BACK ON AND TIGHTEN WITH L KEY



RECOMMENDED HEIGHTS

Men	1270 mm
Women	1194 mm
Children 4-7 years	889 mm
Children 8-10 years	991 mm
Children 11-13 years	1092 mm
Children 14-16 years	1194 mm
P.R.M	1016 mm

(from bottom edge of dryer above finished floor)

OPERATION

- Touch-free.
- Shake excess water from hands.
- Place hands under the air outlet to start operation.
- Rub hands lightly and rapidly.
- Stops automatically after hands are removed.

CLEANING AND MAINTENANCE

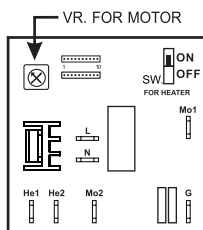
Regular cleaning is recommended to ensure optimum performance

- Disconnect the electrical supply.
- Remove the 2 cover-screws and the cover
- Clean all the dust inside the hand dryer
- Wipe the cover with a damp cloth and mild cleaning solution. Do not soak.
- Never use abrasive to clean the cover.
- Put the cover back on. Do not over tighten the screws.



SETTINGS ADJUSTMENTS

Disconnect the power supply, remove the cover by unscrewing the 2 screws.

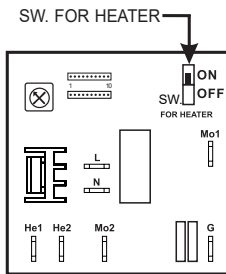


> Hot air speed level adjustment

Use a small Phillips screwdriver
(do not force) :

- Turn it clockwise to increase (+) ↻
- Turn it counterclockwise to decrease (-) ↻

SETTINGS ADJUSTMENTS

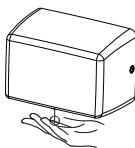


> Hot / ambient air switch

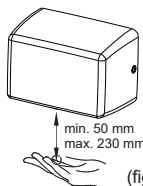
- ON : hot air
- OFF : ambient air

> Sensor range adjustment

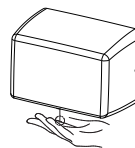
1. Turn off the power supply. Wait at least for 4 seconds and reconnect the device.
2. After reconnecting, immediately place your hand about 5 mm below the sensor and hold it for 3 seconds (fig. 1).
3. After 3 seconds, move your hand away the sensor to indicate the required distance (min. 50 mm / max. 230 mm) and hold it in that position for 3 seconds (fig. 2).
4. After this final 3 seconds, return hand to the initial position, about 5 mm from the sensor, hold it there for 3 seconds to complete the sensor range setting (fig. 3).



(fig. 1)



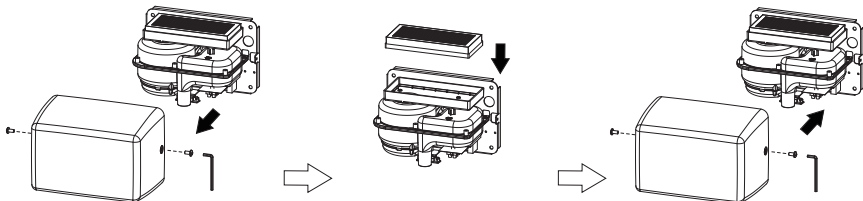
(fig. 2)



(fig. 3)

> Hepa filter replacement

It is recommended to replace the filter every 6 months, depending on the frequency of use and environmental conditions.



1. Remove and put aside the 2 screws and the cover. Filter must be disposed of in an appropriate manner.

2. Replace the HEPA filter with a new one.

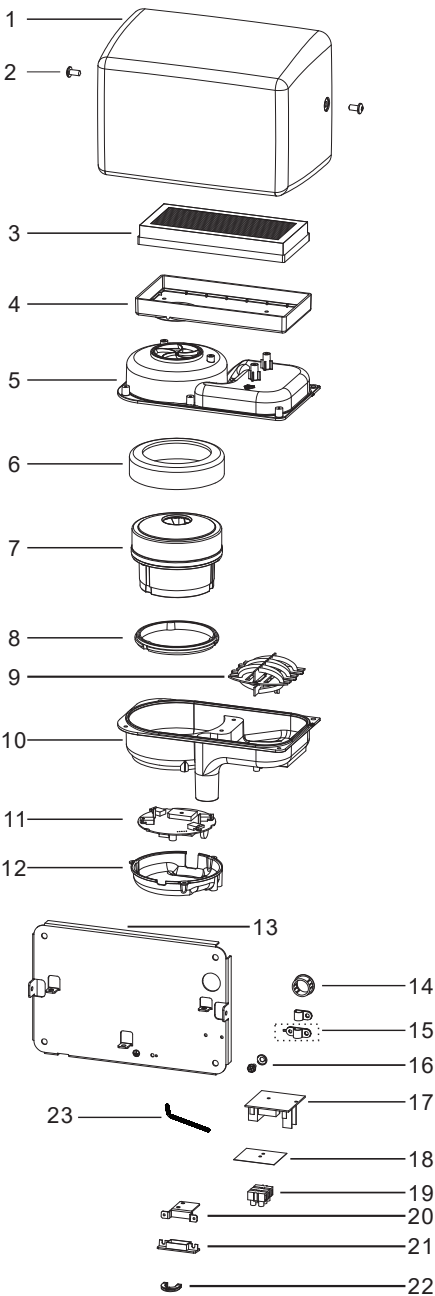
3. Put the front cover back and tighten with L key.

TROUBLESHOOTING

PROBLEM	TROUBLESHOOTING FOR INITIAL INSTALLATION FAILURE
The hand dryer does not run	Ensure that the breaker supplying the dryer is engaged. If it is, isolate the power and remove the hand dryer cover. Taking appropriate precautions to avoid shock hazard, reconnect the power and check for voltage at the block terminal. Check that the connections are made correctly.
It cycles by itself or runs continuously	Ensure that there are no obstructions in front of or on the sensor. Clean the infrared sensor. If problem persists, replace sensor.
Muffled sound or does not run for complete cycle	Ensure that the power supply is correct following the hand dryer label. The hand dryer will make a loud humming noise if the input voltage is too high. Replace damages elements (PCB and sensor).
It runs but weak airflow	Ensure that the power supply is correct. The dryer will run weakly if the input voltage is too low. Correct the power supply as required.

PROBLEM	TROUBLESHOOTING FOR IN SERVICE FAILURE
The hand dryer does not run (purple flashing light)	Disconnect the power supply, then reactivate the hand dryer. If a warning appears, replace the electronic board (PCB). If problem persists, replace the motor.
The hand dryer does not run (yellow flashing light)	
The hand dryer does not run (pink flashing light)	
The hand dryer runs but weak airflow (blue flashing light)	
No hot air	Check the heating element is on or off. If off, turn it on. If there is still no hot air, replace the heating element or the electronic board (PCB).

SPARE PARTS LIST



N°	DESCRIPTION
01	Cover
02	Security hex screw (x2)
03	HEPA filter
04	HEPA filter bracket
05	Blower housing (top)
06	Motor rubber (large)
07	Brushless motor
08	Motor rubber (small)
09	Heater element
10	Blower housing (bottom)
11	Electronic board (PCB)
12	Electronic board cover
13	Plate
14	Nylon hole bushing
15	Clamp cable
16	Earthing screw
17	Electronic board for heater
18	Insulation mylar
19	Terminal
20	Sensor bracket
21	Sensor
22	Protection cable
23	L key

LIMITED WARRANTY

This hand dryer is covered by a 3-year warranty from the date of purchase.

If a defect is reported during the normal usage period, you are entitled, at SUPRATECH's discretion, to either replacement or repair of the defective parts due to material or manufacturing defects.

SUPRATECH will not be responsible for any labour, installation or other additional or indirect costs other than those specified above.

In no event shall SUPRATECH's liability exceed the purchase price of the product.

This warranty does not cover breakdowns due to incorrect installation or maintenance, normal wear and tear.

This disclaimer of warranty includes, among others:

- Incorrect installation.
- Improper use, modifications, defects or lack of maintenance.
- Wear parts.
- Vandalism.

Failure to comply with the safety precautions and/or installation recommendations described in this installation guide will void the warranty.

For all warranty claim, please contact your plumbing contractor, dealer or SUPRATECH directly.

Please be sure to provide all pertinent information regarding your claim:

complete description of the problem, reference and model number, proof of purchase and installation date.

NOTES

[illegible]

SUPRATECH

AUTOMATED SYSTEMS - SANITARY ACCESSORIES - STAINLESS STEEL SANITARY WARE

2, rue des Cyprès - 37240 Bossée - France
Tel. +33 (0)2 47 92 23 31 - info@autosanit.com
www.autosanit.com

