

SUPRATECH

HYGIENE ON THE MOVE!



SMART

**HIGH-SPEED AUTOMATIC
DECK-MOUNTED HAND DRYER**

INSTALLATION AND MAINTENANCE GUIDE

SMART deck-mounted hand dryer

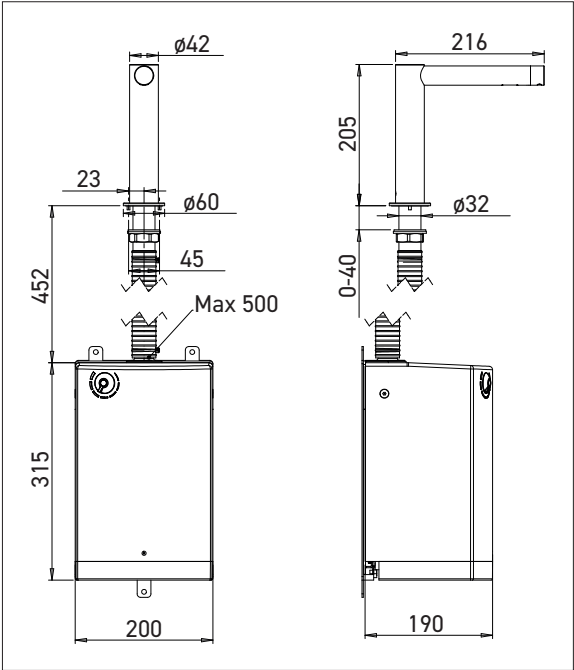
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TECHNICAL FEATURES



Power supply	220-240 Vac, 50/60 Hz, 6.1-6.7 A, 1.342 Kw
Motor thermal protection	Auto-resetting thermostat switches the unit off at 95°
Heater element	450-900 W, adjustable
Heater element thermal protection	Auto-resetting thermostat switches the unit off at 85° Thermal fuse switches the unit off at 142°
Stand-by power	0.3-0.4 W
Operation	Automatic infrared sensor, self-adjusting
Sensor range	Standard 220 mm $\pm$ 20 mm, adjustable
Timing protection	60 seconds auto shut off
Drip proof	IP 34

GENERAL SAFETY INFORMATION



WARNING - Risk of fire or electrical shock

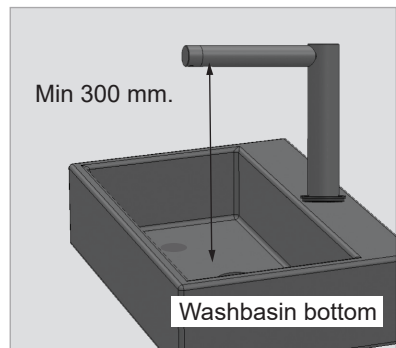
- Any electrical work must be carried out in accordance with applicable local regulations.
- All electrical work must be carried out by a qualified electrician.
- **ONLY** use this device as intended by the manufacturer.
- Disconnect the power supply before carrying out any installation or maintenance work.

NOTES

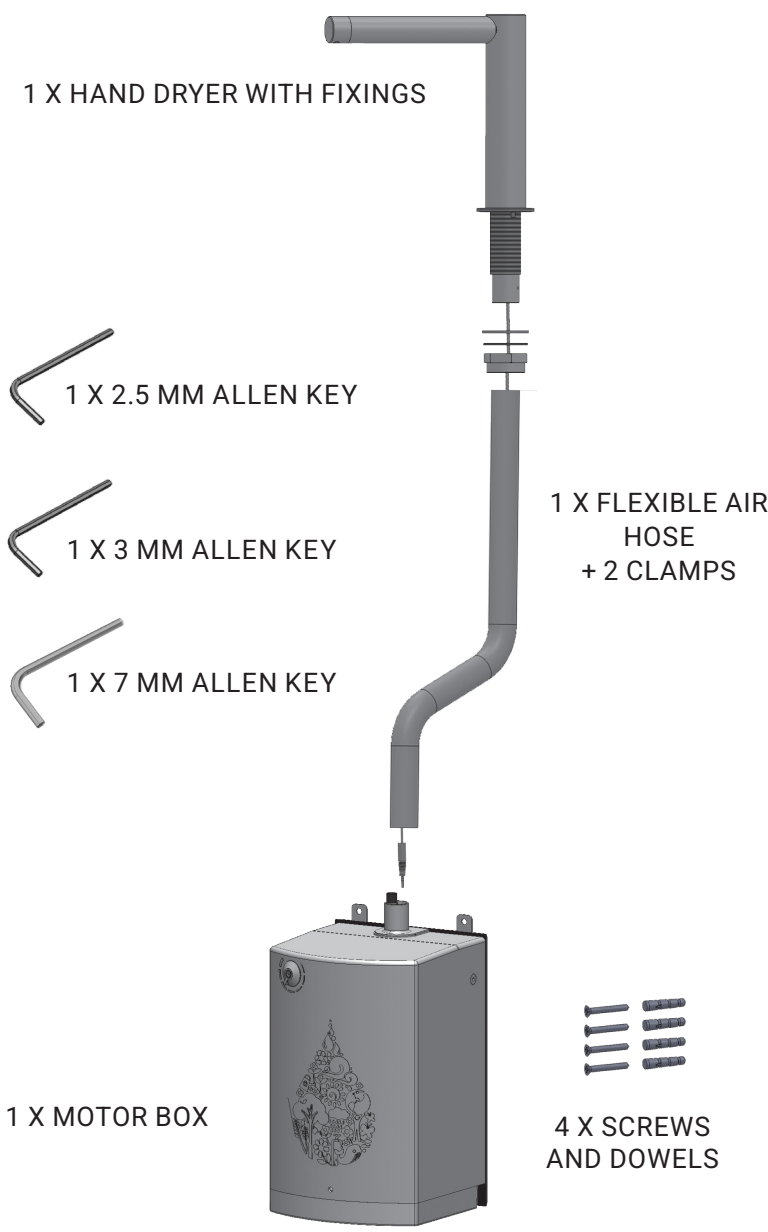
- This device may be used by children aged 8 years or above and by persons with reduce physical, sensory or mental capabilities, or lack of experience and knowledge, provided they have been given supervision or instruction concerning the safe use of the device and understand the hazards involved.
- Children shall not play with the device.
- Cleaning and user maintenance shall not be carried out by children without supervision.
- Keep the device and its connections out of reach of children under 8 years.
- When connecting the device to the power supply, a means of disconnecting it from the mains must be incorporated into the fixed wiring, in accordance with wiring regulations. It must disconnect all poles, with contact separation sufficient to ensure complete isolation, under Category III overvoltage conditions.
- The fixed wiring insulation must be protected, for example, by using a flexible insulating conduit rated for the appropriate operating temperature.

IMPORTANT

- To avoid reflection issues, it is recommended to keep a minimum distance of 300 mm between the hand dryer and the bottom of the washbasin.
- This type of hand dryer, which uses a downward-facing sensor, is not intended to be installed on a washbasin made of reflective material, such as polished stainless steel.

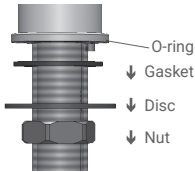
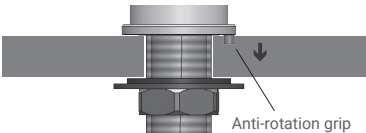
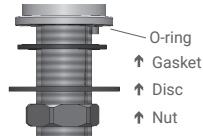


COMPONENTS

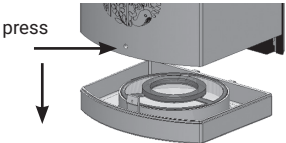


INSTALLATION

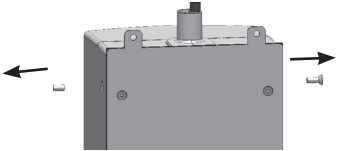
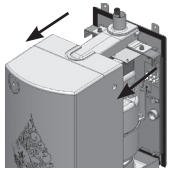
STEP 1 – HAND DRYER INSTALLATION

Recommended hole diameter		
1	Remove the nut, the disc and the gasket. Do not remove the O-ring at the base of the hand dryer.	
2	Insert the base of the hand dryer, with the O-ring, into the hole in the countertop or washbasin.	
3	Replace the gasket, the disc and the nut on the flexible hose, then secure the hand dryer in place.	

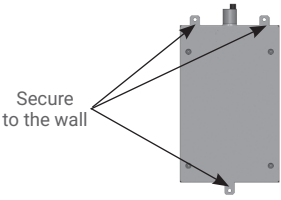
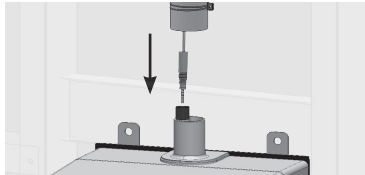
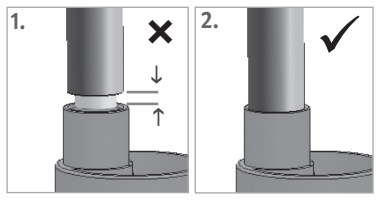
STEP 2 – MOTOR BOX INSTALLATION

1	Remove the filter box by pressing the hole in the retaining tab.	
2	Remove the screw cover from the button using a flat screwdriver. Remove the screw using an Allen key. Remove the button from the cover.	
3	Unscrew the securing screw under the cover using an Allen key.	

INSTALLATION

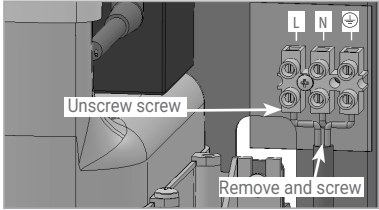
4	Remove the two securing screws located on each side of the motor box using an Allen key.	
5	Remove the cover of the motor box.	

IMPORTANT: To connect or modify a wire, refer to the relevant section below.

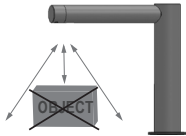
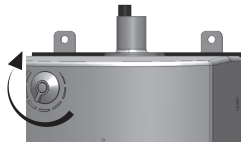
6	Position the motor box at the end of the flexible air hose. Secure the device firmly to the wall. Note: The flexible hose is not intended to be shortened. Note: make sure that there are no obstacles within 100 mm of the bottom of the device.	 Secure to the wall
7	Connect the electrical cable connector.	
8	Make sure that the connector is properly connected: 1. Visible O-ring: not properly connected. 2. No visible O-ring: properly connected.	
9	Reassemble the cover, the button and the filter box.	

INSTALLATION

BARE-WIRE CONNECTION VERSION

1	Unscrew the terminal screw to remove the existing cable.	
2	Screw appropriate cable.	

STEP 3 – COMMISSIONING

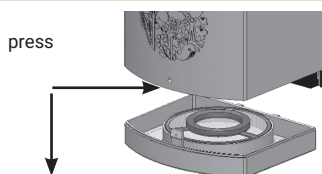
1	Before commissioning, make sure that there are no objects in the sensor's detection range.	
2	Remove the protective adhesive on the sensor and move away from the sensor's detection range.	
3	Plug in the transformer.	
4	Wait about 15 seconds for the sensor to adjust.	
5	Activate the hand dryer by placing your hands under the sensor. Remove them when dry.	
6	The hand dryer's power can be increased or decreased using the power selector located on the motor box.	

MAINTENANCE

- For optimal operation, regular maintenance is recommended.
- Always switch off the power supply before carrying out any work on the hand dryer.
- Use a damp cloth to clean the hand dryer, without scrubbing too hard.
- DO NOT use abrasive materials (e.g. abrasive sponge).
- DO NOT soak.
- DO NOT use aggressive cleansing products.
- No cleaning for the internal components is required.
- Regular cleaning of the HEPA filter inside the motor box is recommended, depending on the frequency of use. Replace it if necessary.

FILTER REPLACEMENT

Remove the filter box by pressing the hole in the retaining tab.
Remove and clean the filter, or replace it.
Put the cover back in place.



SETTINGS ADJUSTMENT



ADJUSTMENTS WITH THE RES-31 REMOTE CONTROL (OPTIONAL)

The optimal detection range is adjusted automatically.

If necessary, the detection settings can be adjusted as follows:

To adjust the detection settings using the remote control, hold the remote control approximately 5-10 cm in front of the sensor.

Select the function to be adjusted by pressing the corresponding function key once.

After pressing the key once, a blue LED indicator on the sensor flashes rapidly.

The setting can be adjusted by pressing the (+) or (-) keys. Each press increases or decreases the setting by one level.

SETTINGS ADJUSTMENT

	DETECTION RANGE: the sensor's detection range represents the optimal distance at which a person or a hand must be placed to activate the system. Press the RANGE key. Wait until the LED indicator on the sensor flashes rapidly. Then press (+) to increase the detection range or (-) to decrease it.
NOTE: once the detection range has been adjusted with the remote control, the setting is saved, even in the event of a power failure.	
	ACTIVATION DELAY: this function allows to adjust the delay before the device activates when hands are placed within the sensor's detection range. Press the IN key. Wait until the LED indicator on the sensor flashes rapidly. Then press (+) to increase the activation delay or (-) to decrease it.
	STOP DELAY: this function allows to adjust the delay before the device deactivates when hands are removed from the sensor's detection range. Press the OUT key. Wait until the LED indicator on the sensor flashes rapidly. Then press (+) to increase the stop delay or (-) to decrease it.
	TEMPORARY STOP: allows any activity in front of the sensor without activating it (e.g. during cleaning). Press this key to deactivate the flush valve for one minute. To cancel this function and return to normal operation, press the key again or wait one minute.
	AUTOMATIC ADJUSTEMENT: check that there is no object in front of the sensor. Press the ADJ key. As soon as the LED indicator of the sensor flashes rapidly, remove your hand holding the remote control and move out of the detection range. The optimal detection range will then be set automatically. The hand dryer will activate for one second to indicate that the adjustment is complete and that it is ready for use.
	SECURITY STOP: it prevents the hand dryer from running continuously in the event of vandalism or when a reflective object is detected. By default, if the sensor is covered more than 60 seconds, the hand dryer stops automatically. To restore the normal operation, remove obstruction. Press the SEC key. Wait until the LED indicator on the sensor flashes rapidly. Then press (+) to increase the security stop time or (-) to decrease it.
	RESET: this function restores the original settings, except for the sensor's detection range. If necessary, press and hold the RESET key, then press the (+) key once.

SPARE PARTS LIST

Sensor kit	S08004034
Motor box (filter included)	S560010
Filter	S08530022
Motor and circuit board	S94010017
Circuit board	S94010017.3
Potentiometer	S94010017.5
Waterproof cable connector	S06000245
<i>Optional:</i>	
Remote control	RES-31

LIMITED WARRANTY

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

In the event of a manufacturing or operating defect attributable to the product and identified during this period under normal conditions of use, SUPRATECH will, at its discretion, repair or replace the parts found to be defective.

This warranty covers parts only. Unless otherwise agreed in writing in advance by SUPRATECH, it does not cover labour, removal, reinstallation, installation, travel expenses or any other incidental costs associated with servicing the product.

The warranty does not cover, in particular, malfunctions or damage resulting from:

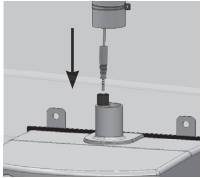
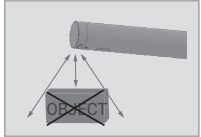
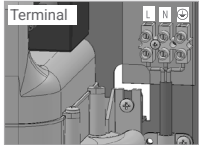
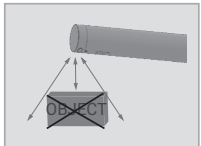
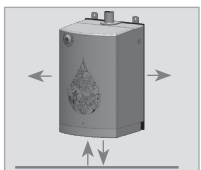
- incorrect installation or installation not carried out in accordance with the instructions;
- improper use, modification of the product or inadequate maintenance;
- normal wear and tear and consumable items, including filter;
- impact, deliberate damage or vandalism.

Failure to comply with the safety precautions, conditions of use, or installation and maintenance recommendations described in this guide may result in exclusion from warranty coverage where such failure is the cause of the malfunction or damage concerned.

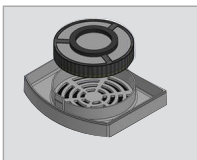
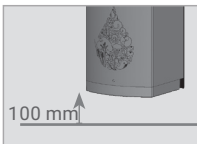
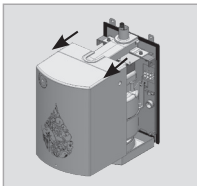
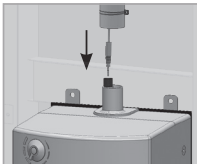
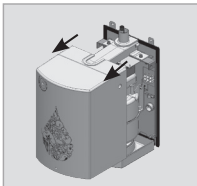
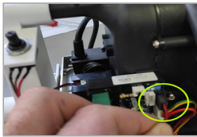
For any warranty claim, please contact your installer, reseller or SUPRATECH and provide the information required to process your claim: a detailed description of the malfunction, product reference and serial number, proof of purchase and, if available, the installation date.

This contractual warranty is provided without prejudice to any applicable statutory rights and warranties.

TROUBLESHOOTING

PROBLEM	INDICATOR	CAUSE	SOLUTION	ILLUSTRATION
Continuous air blowing	The hand dryer blows air continuously, without interruption	Electrical connector improperly connected	Connect the electrical connector properly.	
Irregular air blowing	The hand dryer blows air irregularly	Reflective object interfering with the sensor	Remove the reflective object. If necessary, reduce the sensor's detection range using the remote control.	 
Does not run (no light on the sensor)	The hand dryer does not blow air	Power supply not connected	Taking all necessary precautions, disconnect and reconnect the power supply, and check for voltage at the terminal.	
Repeated stops	The sensor's detection range is too long in relation to the bottom of the washbasin or an object is within the sensor's detection range	Security stop function if the hand dryer runs 60 seconds without interruption. If an object that is too close activates the hand dryer, it will automatically stop after 60 seconds and will not restart	Remove the reflective object. If necessary, reduce the sensor's detection range using the remote control.	 
Repeated stops	The hand dryer overheats	Auto resetting thermostat switches unit off at 85°. Thermal fuse switches the unit off at 142°	Remove the source of interference causing the hand dryer to overheat. Reduce the air outlet power.	 

TROUBLESHOOTING

PROBLEM	INDICATOR	CAUSE	SOLUTION	ILLUSTRATION
Weak air blowing	The filter is clogged	Check that the hand dryer filter is not bloqued and remove it if necessary. Make sure that there are no obstacles within 100 mm of the bottom of the device.	Press the button to remove the filter box. Remove and clean the filter. Put the filter box back in place. If the problem persists, replace the filter.	 
Does not run (flashing light on the sensor)			Disconnect the power supply and remove the motor box cover. Make sure that the electrical connector is properly connected. If the problem persists, contact the after-sales service.	 
Airflow adjustment does not operate		The airflow adjustment unit is not properly connected	Disconnect the power supply and remove the motor box cover. Make sure that the airflow adjustment unit is properly connected to the circuit board.	 

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