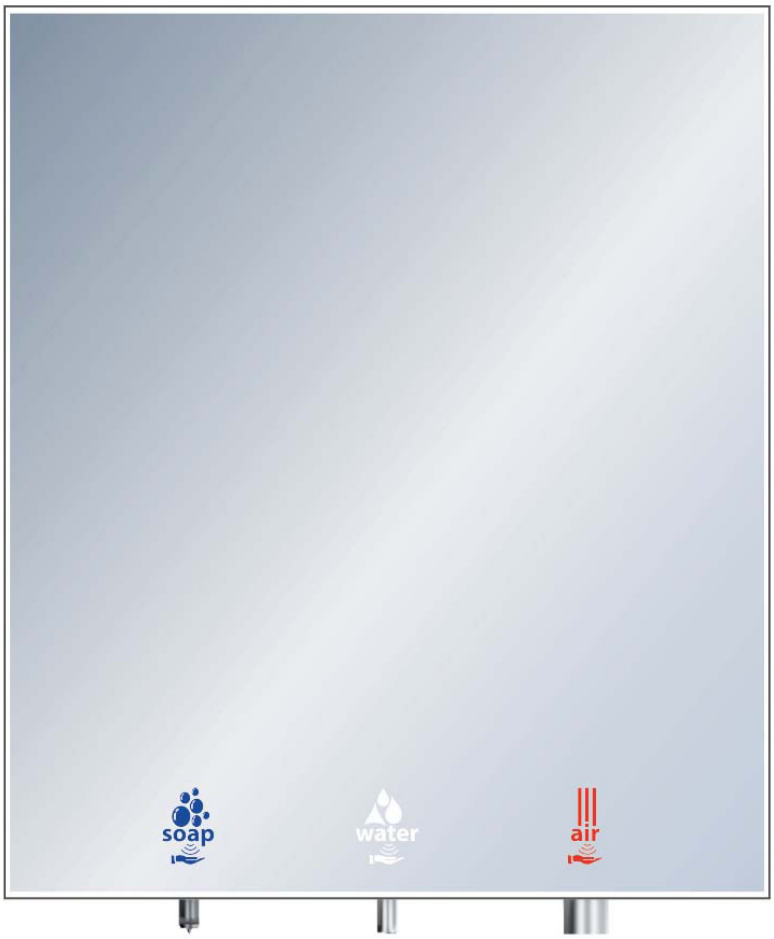
SUPRATECH



3 IN 1 MIRROR

TOP MIRROR CABINET 3 IN 1
SOAP - WATER - AIR

INSTALLATION AND MAINTENANCE GUIDE

1 / INFORMATION

All-in-one and ready to install mirror cabinet includes automatic liquid or foam soap dispenser, touch-free infrared tap with thermostatic mixing valve, and high speed hand dryer.

Components assembled on a stainless steel robust plate 1.5 mm.

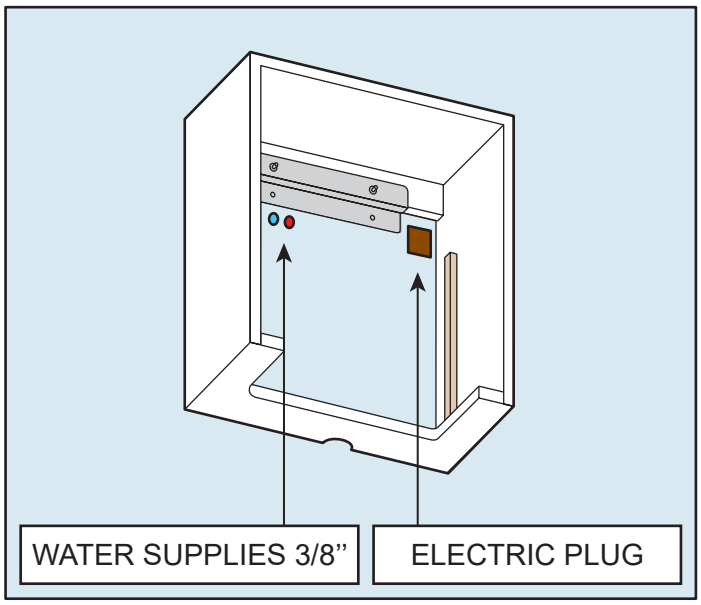
HYGIENE

Functions turns on automatically by placing user's hands in the detection area and turns off once they have been removed.
Illuminated pictograms (blue, white, red or green colors), vertical spouts and stainless steel nozzle to guide the users hands.
Lockable with key.

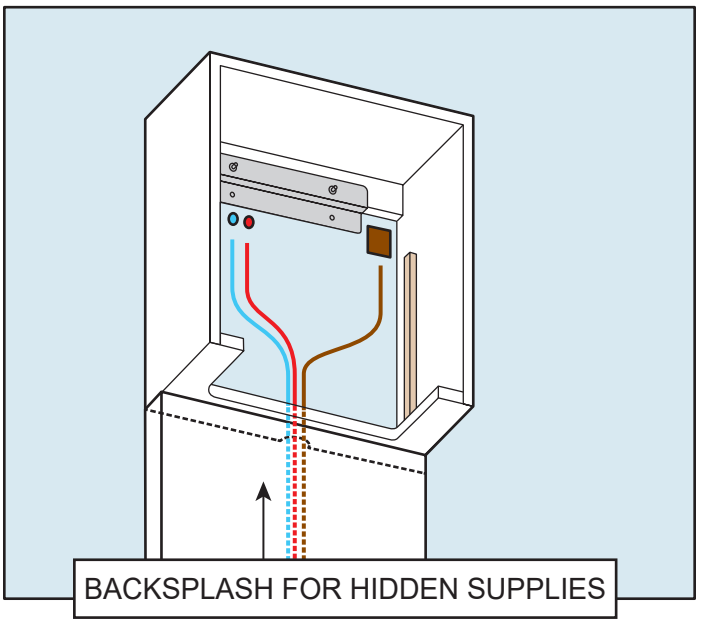
ELECTRICAL SUPPLY

Provide connection on 230V plug with earth.
Protect equipment by a 30 mA differential device.

INSTALLATION WITH RECESSED SUPPLIES



INSTALLATION WITH SUPPLIES IN DOUBLE BOTTOM



INSTALLATION

Purge water supplies before installing the tap.
Do not allow dirt, Teflon tape or metalic particles to enter the tap.
Important: plumbing and electricity must be installed in accordance with applicable codes and regulations.

ATTENTION

1) To avoid reflection problems, it is recommanded to keep a distance of more than 300 mm between the tap and the bottom of the sink.

2) This tap design, with the sensor oriented to the bottom, is not provided for an usage with reflecting materials like polished stainless steel.

3) If the sink drain is underneath the sensor, use a matt surface (do not place a shiny sink drain in front of the sensor).

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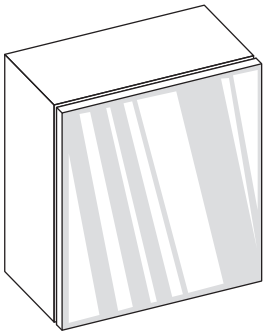
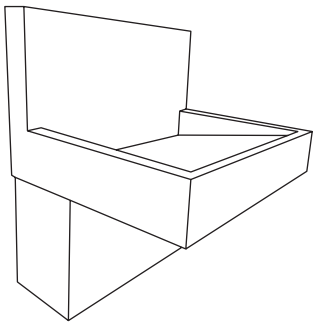
2 / INSTALLATION TYPES

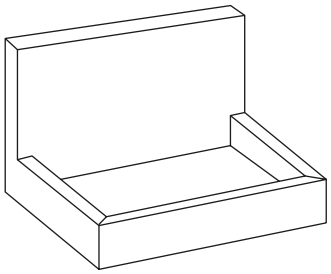
MODULABLE CONCEPT



3 in 1 Mirror unit
W600 x H700 x D250 mm
REF. RES-850

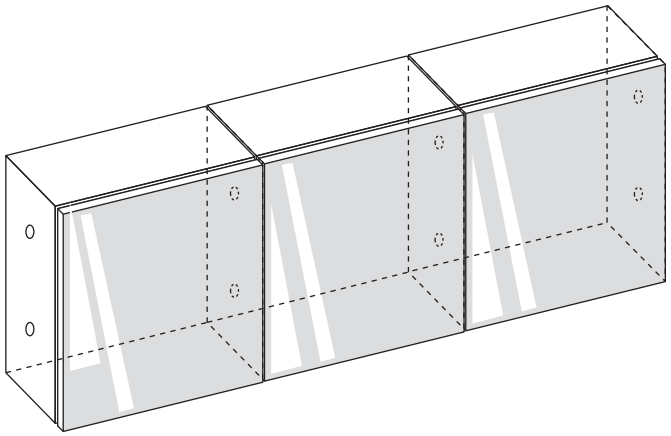


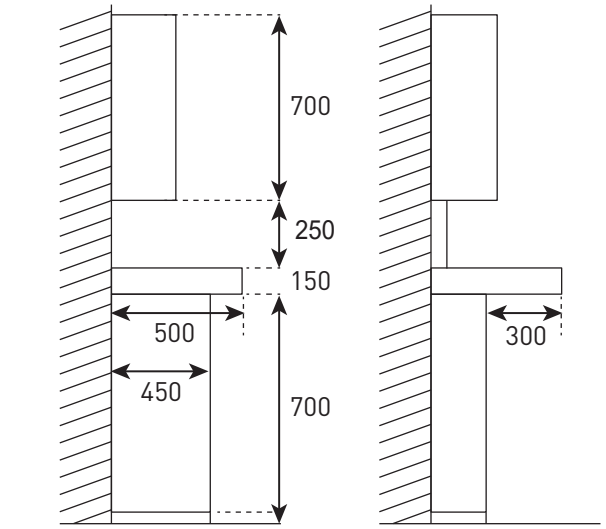
Corian washbasin
for mirror unit
W600 x H650 x D500 mm
REF. TL-PVI-600D



Stainless steel brushed finish
washbasin for mirror unit
W600 x H400 x D500 mm
REF. L-114-D

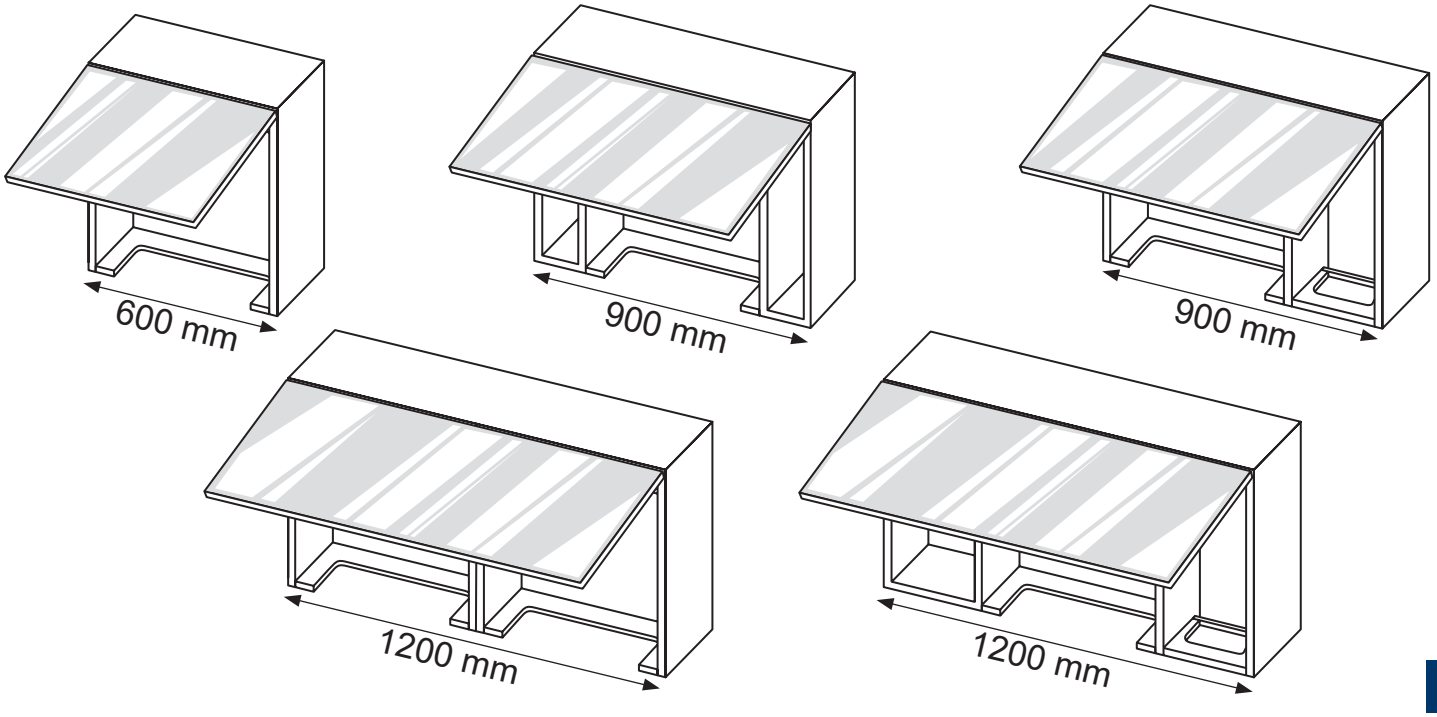
SERIAL ASSEMBLY





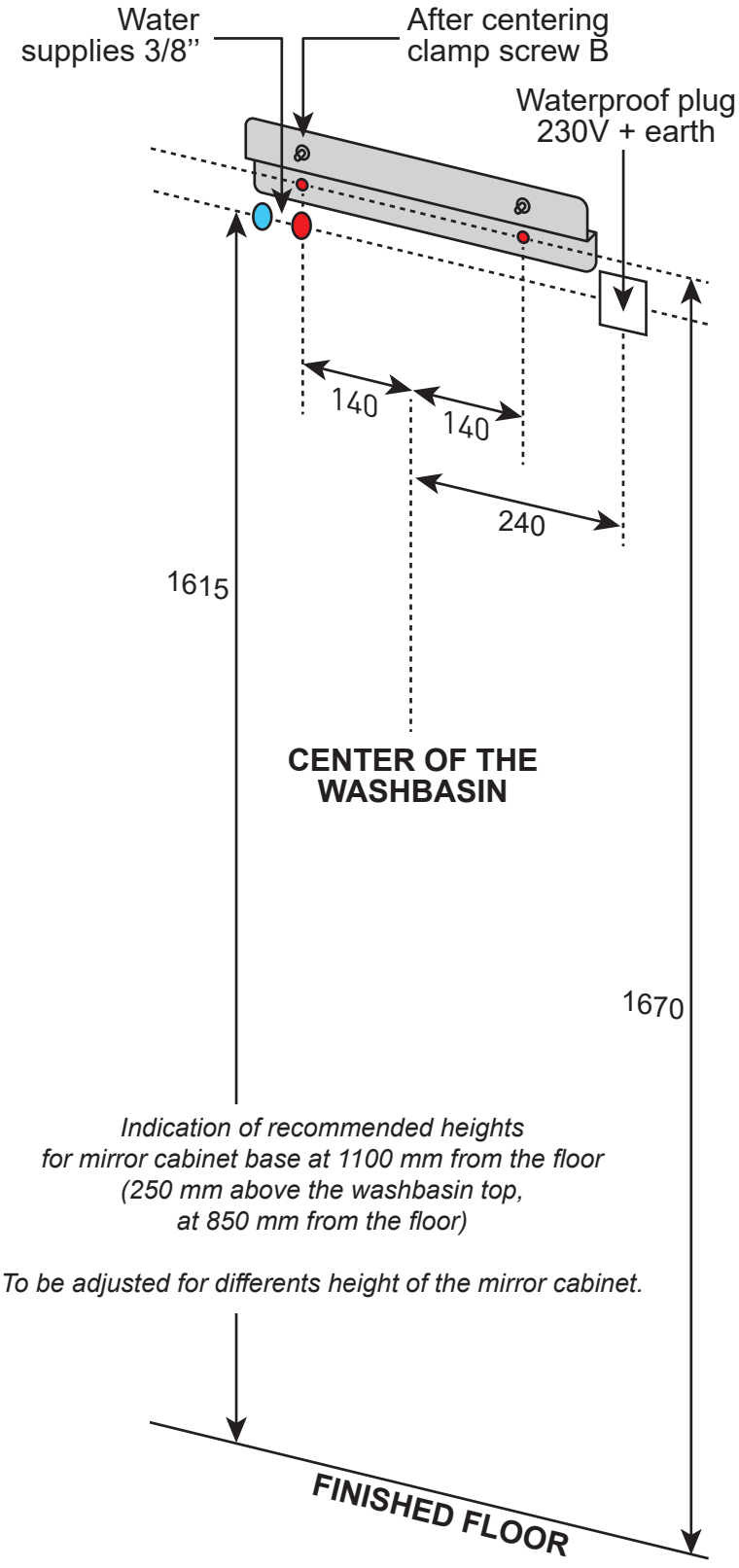
LOW FURNITURE OPTION **PRM OPTION**

DIFFERENT WIDTHS



3 / PREPARATION AND LAYING THE MIRROR UNIT

Install water supplies and electric plug.
Fixation on the wall of the module suspension rail.

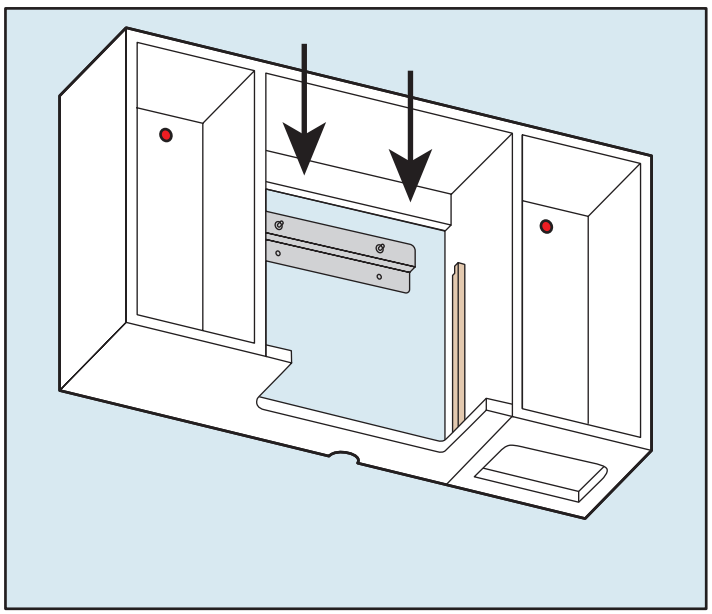


Indication of recommended heights for mirror cabinet base at 1100 mm from the floor (250 mm above the washbasin top, at 850 mm from the floor)

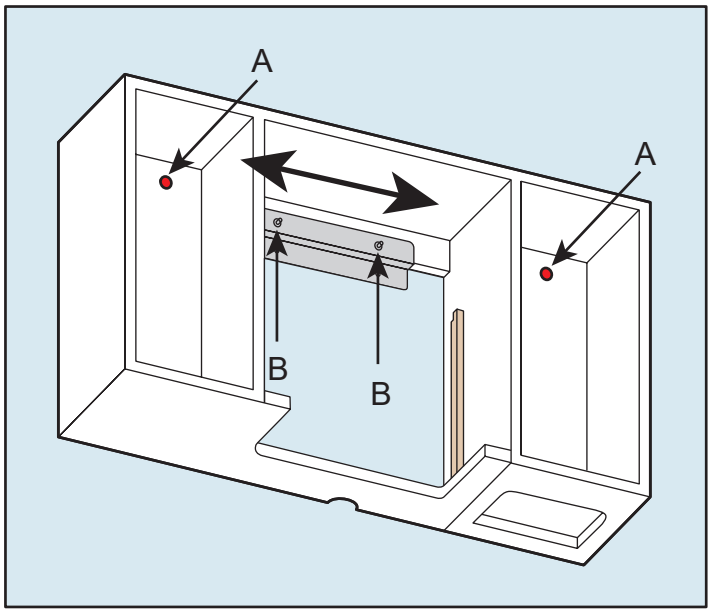
To be adjusted for differents height of the mirror cabinet.

Module 1200mm with soap tank

IMPORTANT
Provide reinforcements, dowels and adapted fixations to the support



Position the unit on the suspension rail.



Adjust the centering of the unit from the sink. Screw the entire unit with the fixing holes [A] and the clamping screw [B] using a cross-headed screwdriver.

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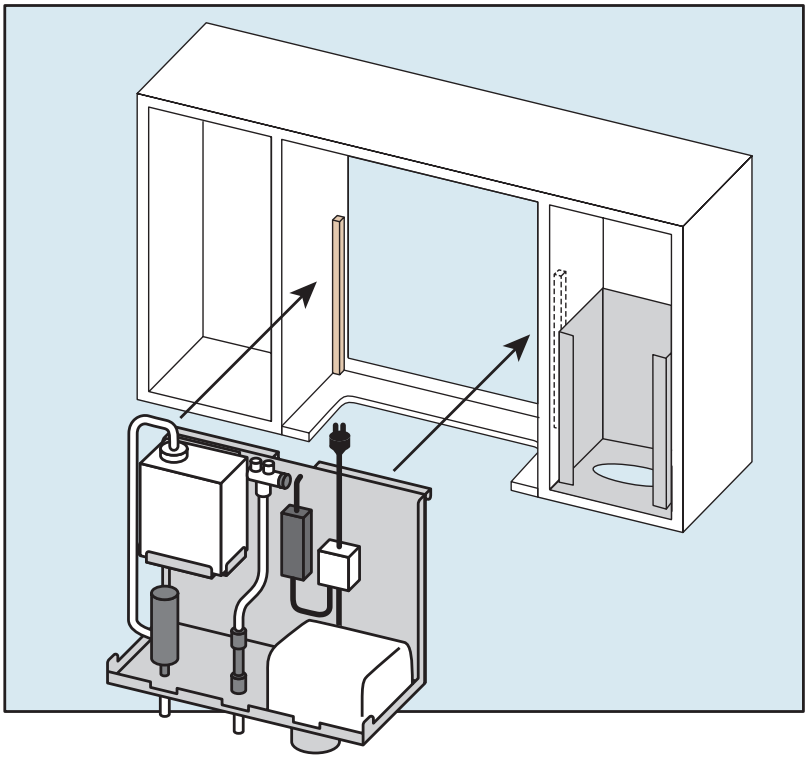
4 / SETTING OF THE PLATE



Position the plate along the battens at the back of the unit (A).

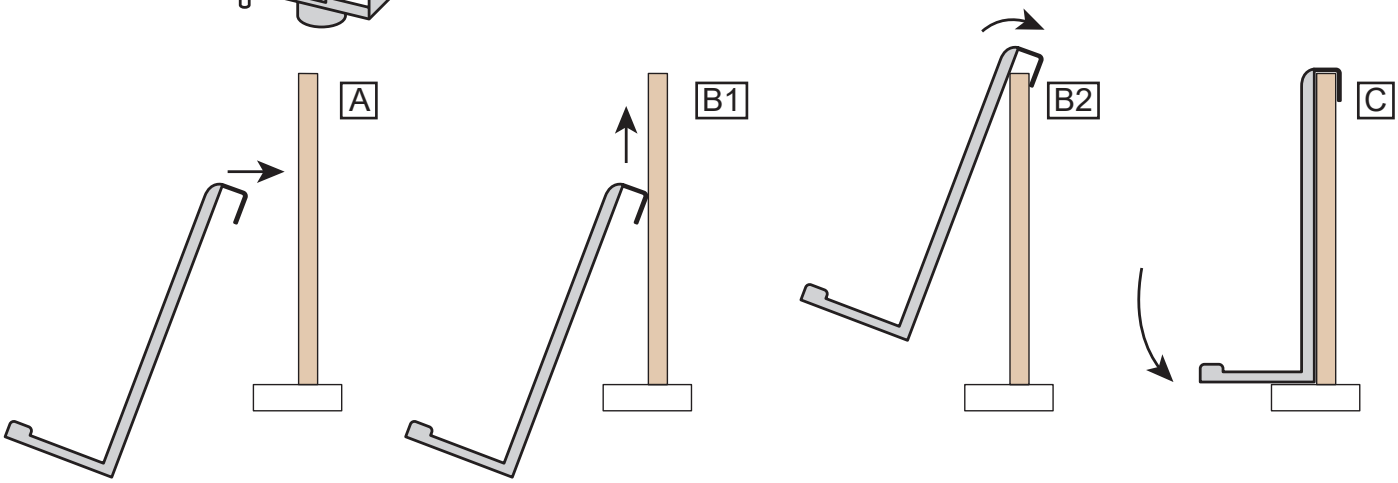
Rise the plate (B1) until it fits behind the battens (B2).

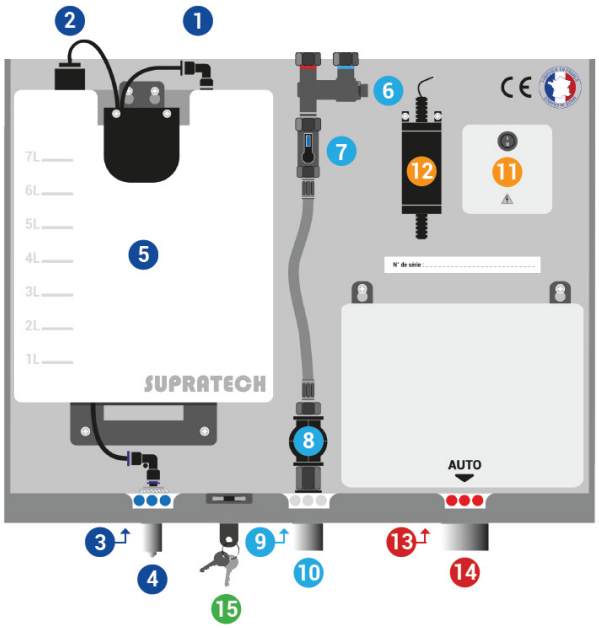
Get down the plate therewith it lays on the reinforcement below the unit (C).

Fix the plate to the unit with provided screws.

Fix the plate to the wall by the fixing hole under the tank

OPTION: hand towel dispenser





SOAP DISPENSEI

1. Pump
2. Air compressor
3. Sensor
4. Spout
5. 7L tank

WATER TAP

6. Pre-mixer
7. Stopcock
8. Solenoid valve
9. Sensor
10. Spout

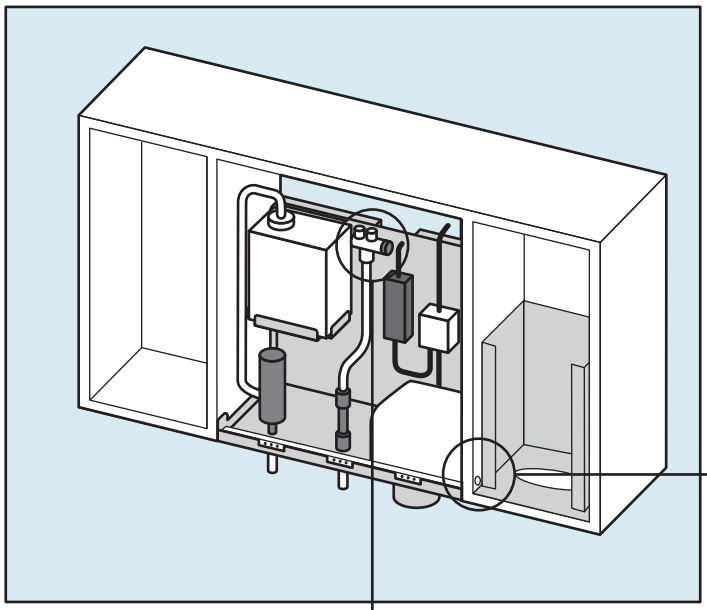
ELECTRICITY

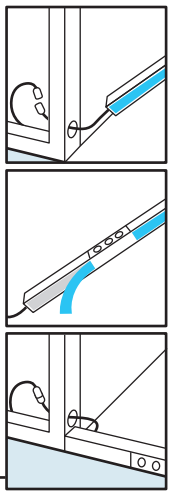
11. Power box with s
12. 230/12V transfo

HAND DRYER

13. Sensor
14. Spout

5 / SETTINGS AND COMPLETIONS



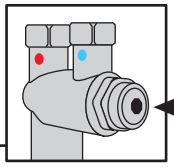


Connection of the leds by paper dispenser side.

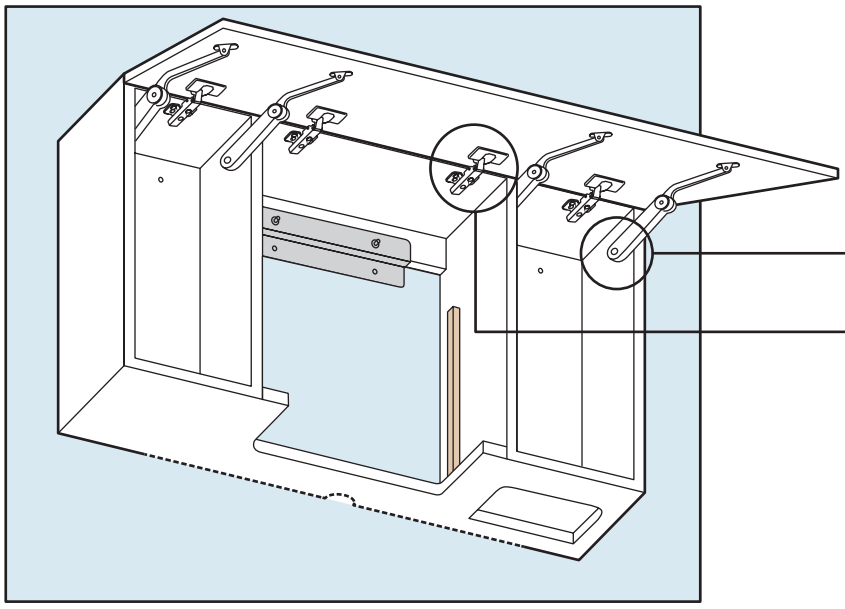
Connect the bar to the leds of the central part.

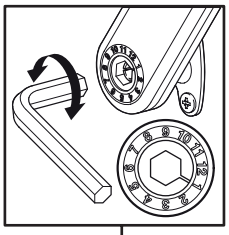
Remove the blue protective sticker.

Stick the leds bar in front of the paper dispenser.



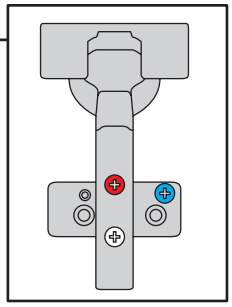
Setting of the water temperature with a 5mm Allen key.
38°C factory standard.





Adjustement of the support capacity.

10 Allen key.



Mirror setting

RED: get on or get down the door
BLUE: left / right translation
WHITE: move forward or move back the door

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6 / OPERATION

TAP INSTALLATION

1 - Plug the tansformer into the electricity socket.
2 - After you have connected the power source, wait 15 seconds in order to allow the system to set the ideal sensor range. The solenoid valve will be opened and closed for 1 second as an indication that the ideal sensor range was set and the tap ready for use.
3 - Turn on water supply. Check for leaks.
4 - If the automatically adjusted sensor range is not satisfactory, it may be adjusted using the RES-30 remote control.

SOAP DISPENSER INSTALLATION

1 - Wait about 10 seconds before placing your hands within the sensor range to avoid adjustment mode.
2 - Soap filling: refer to page 9.

LIMITED WARRANTY

Dear customer,

Thank you for purchasing the 3 in 1 Mirror module, made with care to give you entire satisfaction.

If unfortunetly you are having difficulties, the warranty against all defects or manufacturing defect of 36 months for the tap and the hand dryer, and 24 months for the soap dispenser, from the invoice date, allows you to benefit at the manufacturer discretion, a free replacement product or reparation of the defective part.

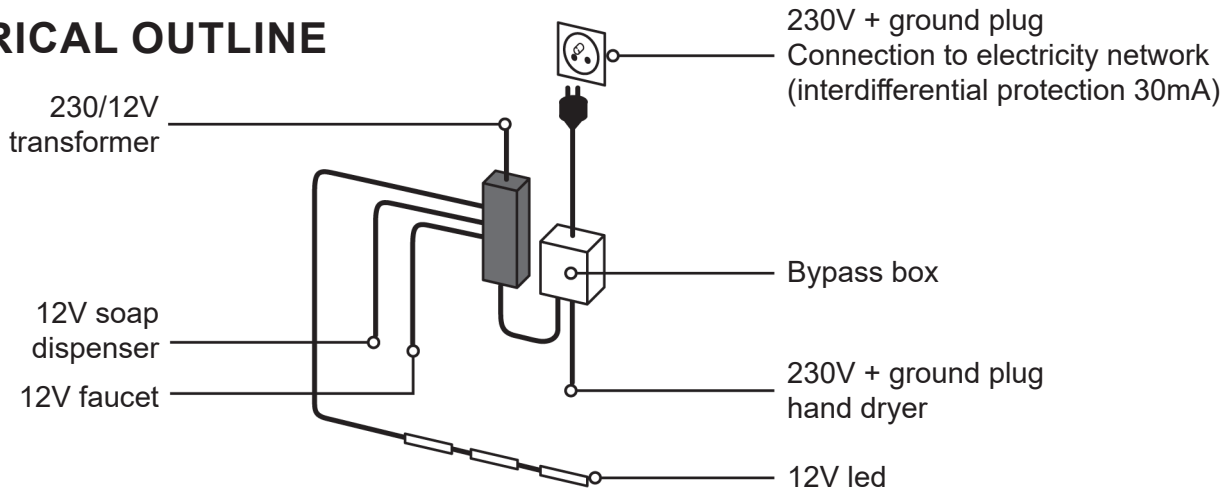
The benefit of the warranty assumes that the device has been used in accordance with its target, and will be granted on invoice product presentation indicating the purchase date.

This warranty does not apply to the failures causes by an incorrect installation and maintenance, wear and tear, bad water or soap composition.
This disclaimer warranty include, among others:
- Pressure and water temperature exceeding the recommanded limit.
- Foreign objects, dirt or lime scale in the water supply.
- Improper manipulation, modification, mistake or bad maintenance
- Damages due to an external cause to the device in particular, vandalism, thunder, fire, water damage, frost or negligence...

Supratech is not responsible for labor charges, installation, incidental or consequential costs other than those noted above. In no event shall the liability of Supratech exceed the purchase price of the product.

7 / CHARACTERISTICS AND DESCRIPTIONS

ELECTRICAL OUTLINE



MODULE

Top unit made in white melamine board 19mm, white PVC side 1mm and bottom plate in white Komacel 19 mm.
Door in white Komacel 19mm with mirror, lifter and concealed hinges.

DIMENSIONS

Width : 600, 900 ou 1200 mm - Depth : 250 mm - Height : 700 mm. Or custom-made.

MIRROR

Clear mirror 6 mm thickness, back with security film, polish sides, with engraved pictograms SOAP / WATER / AIR / PAPER.

COMPONENTS ASSEMBLED ON ROBUST STAINLESS STEEL PLATE THICKNESS 1.5 MM

● THERMOSTATIC PRE-MIXER

Ensure the distribution of mixed water to constant temperature, in function of choosen temperature (however the pressure variations, flow or installation temperature in operation).
- Centre distance between supplies F3/8'': 34mm
- Settings fom 30 to 50°C
- Recevable temperature 80°C

Anti-burn security in case of cold water system distribution failure.

● ELECTRONIC TAP

- Self-adjustable or variable infrared sensor with remote control RES-31 (detection range, flow time, on/off switch...).
- Security time: 90 seconds auto shut off .
- Power supply: 230/12V transformer.
- Operating pressure: 0,5 - 8,0 bar.
- Water temperature: 70°C maximum.
- Cold or premixed water supply with solenoid valve 1/2''.
- NEOPERL Aerator with restriction 6 LPM flow (on demand 1,9 LPM).
- Limestone protection.

MAINTENANCE

This faucet is provided with a stainless steel filter preventing foreign particles to enter the solenoid valve. If the water flow has decreased, this may be because the filter is clogged. Disassemble it and wash it under running water.
Care and cleaning of chrome and special finishes: do not use steel wool or cleansing agents containing alcohol, acid, abrasives, or the like. Use of any prohibited cleaning or maintenance products or substances could damage the surface of the faucet. For surface cleaning of faucet use only soap and water, then wipe dry with clean cloth or towel. When cleaning bathroom tile, the faucet should be protected from any splattering of harsh cleaners.

TROUBLE SHOOTING

Problem	Indicator	Cause	Solution
No water coming out of the faucet	Light in the sensor does not flash when user's hands are within the sensor range	Range is too short	Increase the range
		Range is too long	Decrease the range
		Unit is in «Security Mode»*	Eliminate cause of reflection
		Sensor is picking up reflections from the washbasin or another object	
	Light in the sensor flashes when user's hands are within the sensor range.	Connections between the electronic unit and solenoid valve are disconnected	Connect the electronic unit to the solenoid valve
		Debris or scale in solenoid valve	Unscrew the solenoid valve and clean it
		The central orifice in the diaphragm is plugged or the diaphragm is torn	Clean the orifice or replace diaphragm
		The water supply pressure is higher than 8 bar	Reduce the supply water pressure
Water flow from spout does not stop	Sensor flashes when user's hands are within the sensor range	Debris or scale in diaphragm	Clean the orifice or replace diaphragm
	Light in the sensor does not flash when user's hands are within the sensor range	Sensor is dirty or covered	Clean or eliminate case of interference
		Sensor is picking up reflections from the washbasin or another object	Decrease the range or eliminate cause of reflection
Water flow diminished		Filter or aerator is clogged	Remove, clean, re-install

* Security mode: if the sensor is covered for more than 90 seconds, the faucet will automaticlly shut off water flow. To return to normal operation remove any blockage to re-establish operation.

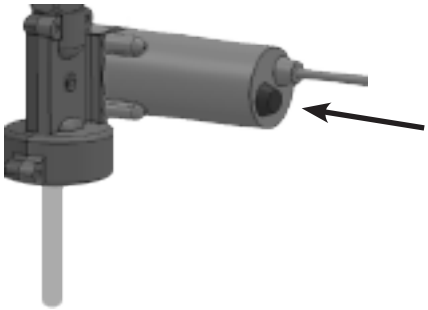
7 / CHARACTERISTICS AND DESCRIPTIONS

● AUTOMATIC FOAM OR LIQUID SOAP DISPENSER

- Activated by infrared sensor
- Power supply: 230/12V transformer.
- Touch-free, protect contamination risks.
- Peristaltic pump : the soap runs in a hose without contact with the pump, avoiding contamination and backflow.
- Accurate and regular dosing soap dosage.
- Can be used with non-proprietary soap, to reduce costs.
- Soap and air dosing to increase foam effect adjustable with the remote control.

FILLING THE SOAP TANK

1 - Unscrew the soap tank from the pump assembly.
2 - Fill in the liquid soap up to the top line.
3 - Insert the bottle with the tube inside the bottle support.
4 - Screw the soap tank back to the pump assembly.
5 - Press the refill button located at the back of the pump until the soap starts coming out of the soap dispenser spout. This process can also be done using the soap dispenser remote control Refill function.



Indication : continuous blinking of the blue light in the sensor eye.

NOTE: Once the soap in the soap tank has reached the bottom line, the soap tank should be refilled.

MAINTENANCE

Care and cleaning of chrome and special finishes : do not use steel wool or cleansing agents containing alcohol, acid, abrasives, or the like. Use of any prohibited cleaning or maintenance products or substances could damage the surface of the soap dispenser. For surface cleaning of soap dispenser use only soap and water, then wipe dry with clean cloth or towel.

Disconnection of the soap pipe from the pump

The soap pipe can be disconnected from the pump by a simple & pull action. The sliding ring of the quick connection fixation nipple on the pump should be pulled down. It releases the open end of the soap pipe which can then be easily pulled out.

Filter cleaning instructions (foam dispenser only)

This soap dispenser is provided with a foam filter.
If the soap supply has decreased, this may be caused by the clogged filter.
It is recommanded to clean the filter every 6 months.
The filter can be cleaned as follows :
1. Unscrew the quick connection fitting from the top of the foam compressor.
2. Remove the filter and wash it under running water.
3. Reassemble the parts.

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TROUBLE SHOOTING

Problem	Indicator	Cause	Solution
Soap does not come out of the spout	Blue light in the sensor flashes when the user's hands are whitin the sensor range	Soap has run low or is completely out	Refill the soap tank
		The soap tank has been filled, but soap has not reached the spout	Press the refill button located at the bottom of the pump to prime the soap to the spout
		The connectors between the pump and the electronic unit are not connected properly	Connect the connectors properly so that the white o-ring is not visible
		The pipe for the specific dispenser is bent or curved and does not reach the bottom of the soap tank	Make sure the pipe is adjusted inside the tank for an ideal soap intake
	Blue light in the sensor does not flash when the user's hands are within the sensor range	Sensor is picking up reflections from the washbasin or another object	Eliminate cause of reflection
		Connectors between the electronic unit and power source are disconnected or not properly connected	Connect the electronic unit connectors to the power source connector
		Filter is clogged	Clean or replace the filter
Soap coming out the spout does not stop		The connectors between the pump and the electronic unit are not connected properly	Connect the connectors properly so that the white o-ring is not visible
Soap is too diluted		Air ratio too low	Increase air ratio using the remote control
Soap is too diluted		Air ratio too high	Decrease air ratio using the remote control
Soap dispenser pump does not work	Blue light flashes (once) and the soap compressor operates	The connectors between the soap pump and the compressor are not conneted properly	Connect the connectors properly so that the white o-ring is not visible
Foam compressor does not work	Blue light flashes (once) and the motor operates	The connectors between the compressor and the electronic unit are not connected properly	Connect the connectors properly so that the white o-ring is not visible

7 / CHARACTERISTICS AND DESCRIPTIONS

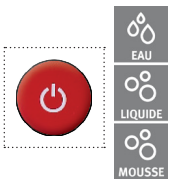
● RES-30 REMOTE CONTROL OPTION
Faucet and soap dispenser settings

The Soap & Water Remote Control is available for easy maintenance of installations requiring custom settings.

The non-volatile sensor memory will retain all stored settings following power failure or battery replacement.

To adjust the settings, hold the remote control in front of the sensor at a distance of 4-6" (10-15cm).
ATTENTION: Holding the remote control out of the recommended range may interfere with activation.

The following settings can be customized and the following functions can be performed :



TEMPORARY OFF FUNCTION

Temporarily disables soap dispenser for one minute to allow for activity near the sensor without activation of the faucet or soap dispenser, for example cleaning. To cancel this function press again or wait for one minute.

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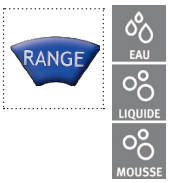
RESET BUTTON

This function restores all factory settings.
If your product includes a self adjusting sensor, all factory settings except for the sensor range will be restored. To enter self adjusting mode, press the ADJ button. To change the sensor detection range, press the RANGE button. If required, press the Reset button and the + button together.

DETECTION RANGE



The detection range refers to the greatest distance from which an object can be located to activate the system. Press this button to customize the sensor range. Wait for quick flashing LED in the sensor eye. Then press + to increase or - to decrease the function setting. Each press will further increase or decrease by another level.

SELF ADJUSTMENT MODE

This button only operates faucets with a self adjusting sensor.
Check that no objects are blocking the sensor. Press the ADJ button. Wait for quick flashing LED in the sensor eye AND remove the hand holding the remote control away from the sensor area. The ideal sensor range will be set automatically. Following self adjustment the solenoid valve will open and close for 1 second as an indication that the ideal sensor range has been set and the product is ready for use;

SOAP DOSAGE

Choose desired soap quantity (cc) with drop keys 1-4. Wait for quick flashing LED in the sensor eye. Exact dosage depends on soap viscosity.

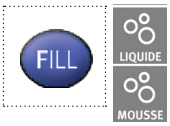
SOAP QUANTITY

Press to customize soap quantity. Wait for quick flashing LED in the sensor eye. Then press + to increase or - to decrease the function setting. Each press will further increase or decrease by another level.

AIR RATIO

Press to customize foam air ratio and adjust foam-ability of the soap.
Wait for quick flashing LED in the sensor eye. Then press + to increase or - to decrease the function setting.
Each press will further increase or decrease by another level.

FILL BUTTON



Primes the pump after refill to bring the soap from the tank to the nozzle.
Press to prime the pump for one minute.
To cancel this function press FILL again and repeat if necessary.

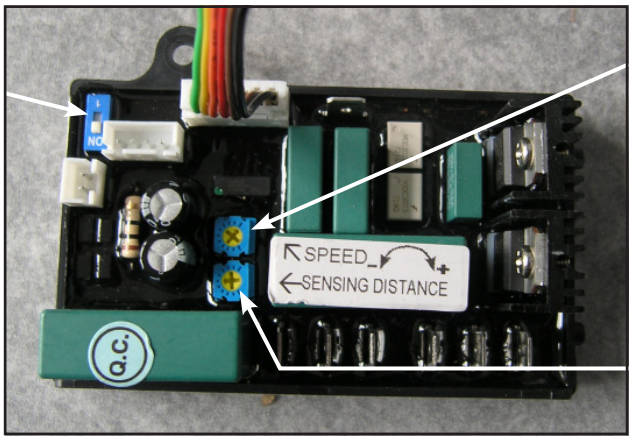
7 / CHARACTERISTICS AND DESCRIPTIONS

● HAND DRYER SM-4000

- Infra-red sensor functionning, automatic adjustment.
- Drying time: less to 15 seconds.
- Power and sound level adjustable.
- Heating air or ambient air switch.
- Operating voltage: 220/240V 50/60Hz. 0,85-1Kw.
- **Conforming directive ErP 1275/2008 (consumption 0,5W in stand by).**
- Output air speed: 90m/s.
- Dryer shall deliver: 101,7m3/h.
- Sound level 75dB +- 1m.
- Air output temperature: 55°C.
- Cover: steel, white epoxy finish, 1,2mm thickness.
- Rated power: 1000W (engine: 500W, resistor: 500W).
- Engine with security thermostat at 85°C.
- Timing protection: 60 seconds auto shut off.
- Dimensions: L 250 x H 180 x D 138,5mm.
- Net weight: 3,8Kg.
- 3 years warranty. CE. Class 1. IP X1.

The electrical consumption is 500 W for the engine and 500 W for the heater.
Possibility to adjust heating air or ambient air to not overheat in hot period and reduce the electrical consumption.
- Maximum speed and heating resistor = electrical consumption 1000 W
- Maximum speed and ambient air (deactivated resistor) = 500 W
- Minimum speed and heating resistor = 650 W recommended
- Minimum speed and desactivated resistor = 330 W

ON – I Switch
to activate / deactivate the heater



Potentiometer SPEED
to adjust blowing speed

Potentiometer SENSING DISTANCE
to adjust detection range

Accessible card by unscrewing the hand dryer's module holder and removing the 2 screws from the cover

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CLEANING AND MAINTENANCE

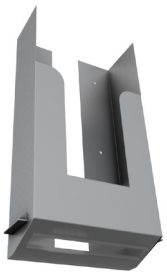
A periodic cleaning of the unit is recommended to ensure optimum performance.
Disconnect the electrical supply. Remove the two fixing screws on the stainless steel plate, then the two cover-mounting screws and the cover.
Clean all dust lint from the interior of the hand dryer.
Wipe the cover with a damp cloth and mild cleaning solution. Do not soak.
Never use abrasives to clean the cover.
Replace the cover. Do not over tighten the screws.

TROUBLE SHOOTING

Problem	Correction for installation issues
Do not work	First, ensure that the breaker supplying the dryer is operational. If it is, disconnect the power and remove the hand 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
The hand dryer cycles by itself or runs constantly	Ensure that there is no obstruction on or in front of the sensor. Clean any dirt or debris off the sensor lens. If problem persits, replace sensor
The hand dryer makes a loud noise and does not run for a complete cycle	Ensure that the supply voltage is correct. The hand dryer will make a loud humming noise if the input voltage is too high. Replace elements if they have been damaged (electronic card and sensor module)
The hand dryer runs but air stream is low pressure and/or low velocity	Verify that the supply voltage is correct. The hand dryer will run weaklyif the input voltage is too low . Correct supply as required.

Problem	Correction for In-Service issues
Do not run	First, ensure that the circuit-breaker supplying the hand dryer is operational. If it is, disconnect the power and remove the hand dryer cover. Replace electronic card and sensor module. Taking suitable precautions to avoid shock hazard, reconnect the power and check for voltage at the terminal block.
The sensor only «sees» close range objects	Ensure that there is no obstruction on or in front of the sensor. Clean any dirt or debris off the sensor lens. If problem persits, replace sensor.
The heater gets hot but no air stream is produced	Disconnect the power. Remove the cover and disassemble the blower-motor/fan housing. Replace the fan motor.
The hand dryer only blows cold air	Disconnect the power. Remove the 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 noozle for obstructions. If none are present, disconnect the power. Remove the hand dryer cover. Remove any dust/lint buildup from intake vent slots. Disassemble the blower-motor/fan housing. Check the motor brushes for worn condition (< 30 mm graphite remains) and replace them, if necessary

● OPTION: STAINLESS STEEL HAND TOWELS DISPENSER



- Top filling, bottom distribution.
- Capacity : approximately 500 hand towels.

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