

SUPRATECH

Hygiene on the move !

INSTALLATION AND MAINTENANCE GUIDE

FOAM SOAP DISPENSERS



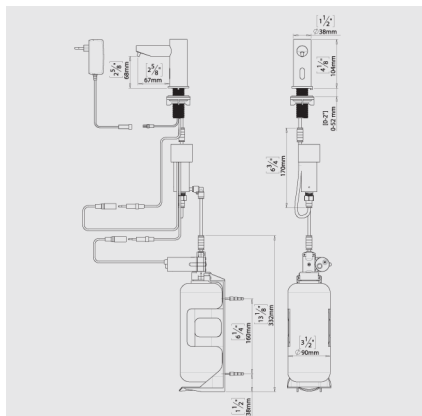
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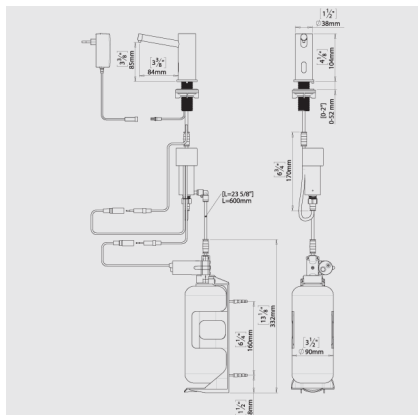
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TECHNICAL DATA

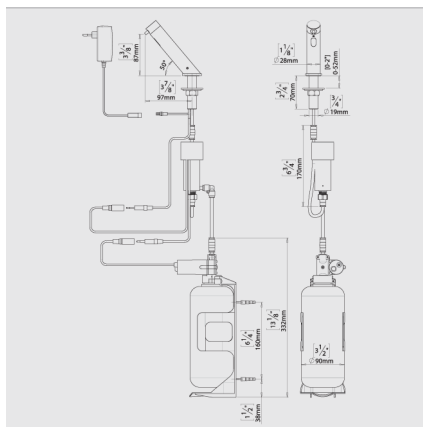
FOAM SOAP DISPENSERS



ASKA RES-55M



ELITE RES-72M



TOUCH FREE RES-84M

Capacity: 1 liter.

Power supply: 12 V transformer.

Soap viscosity: 0 - 100 cPs.

Standard discharge: Varies according to viscosity and “foamability”

Sensor range: 30-100 mm, ± 10 mm, adjustable by optional remote control

PRE-INSTALLATION INFORMATION

CHECK CONTENTS

Separate all parts from the packaging and check each part with the "Pack contents" section.

Make sure all parts are accounted for before discarding any packaging material.

If any parts are missing, do not attempt to install your touch free soap dispenser until you obtain the missing parts.

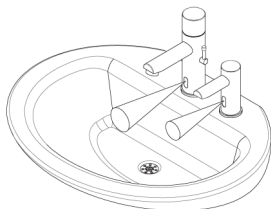
WARNINGS

Do not install the system facing a mirror or any other electronic system operated by an infra-red sensor.

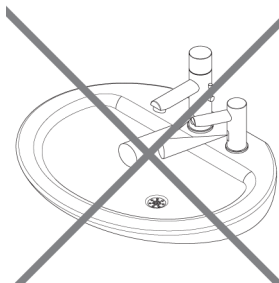
To prevent reflection problems, it is recommended to keep a minimum distance of 300 mm between the soap dispenser and any other objects.

IMPORTANT: keep in mind that when using the faucet installed next to the soap dispenser, the user hands should not interfere with the soap dispenser sensor detection area.

CORRECT INSTALLATION



INCORRECT INSTALLATION



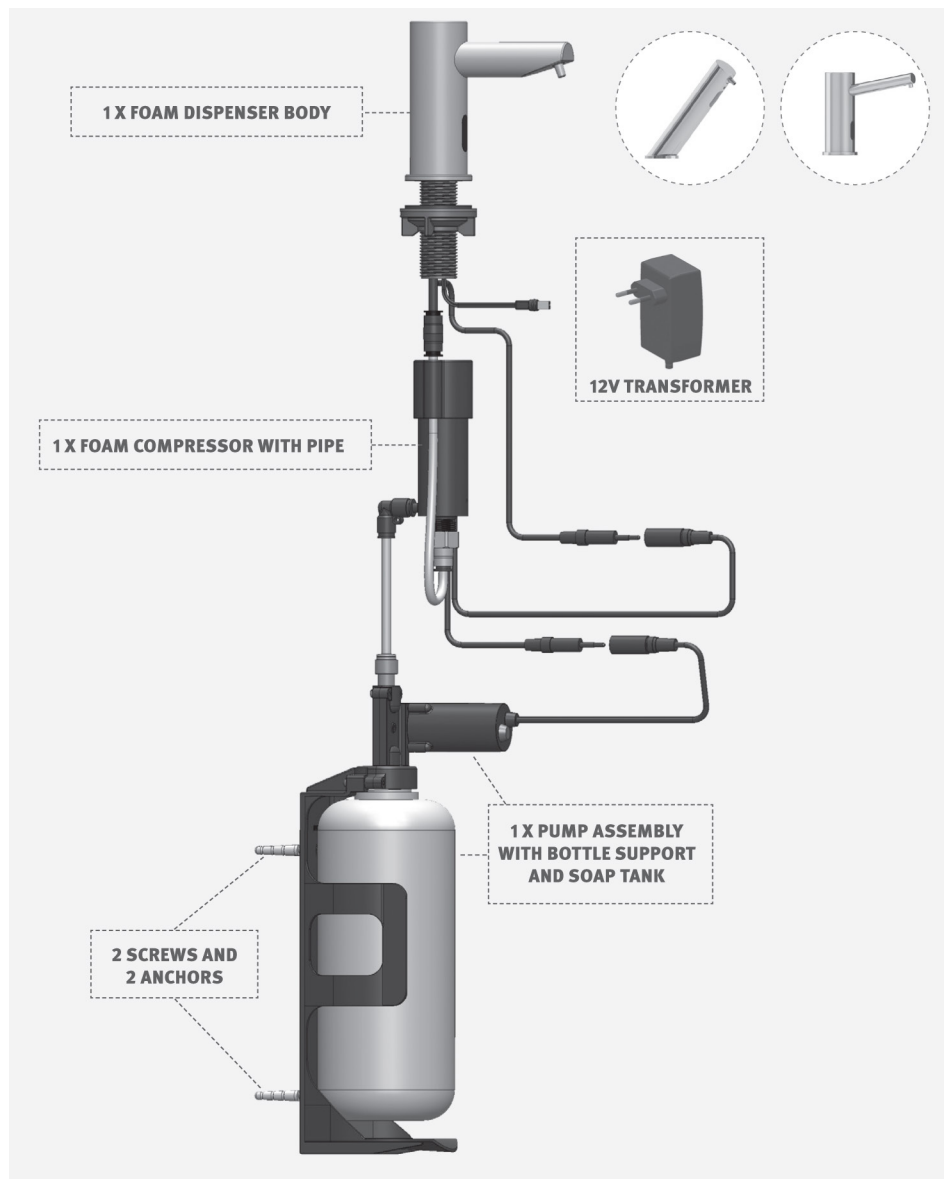
**DO NOT AIM SOAP SENSOR
AT WATER STREAM**

SUPRATECH foam soap dispensers, with proper care, will provide long term trouble free service. Quality foam soap of recommended viscosity and pH levels are the main factors for smooth operation of your dispenser. If needed, use a viscometer to verify the viscosity of your soap to ensure maximum benefit. The recommended range for foam soap viscosity is 0-100 cPs. Thicker foam soap flows slower and inhibits the pump valve, causing strain and damage.

SUPRATECH foam soap dispensers are suitable for use with any generic soap of the correct viscosity and pH. The pH level of all soap used in SUPRATECH soap dispensers should be between 6.5 to 8.5. Lower levels will cause corrosion to the metal dispenser and even the rubber and plastic components. Higher pH levels will cause swelling to rubber parts and degradation of plastic components over time.

PACK CONTENTS

Familiarize yourself with the part names and ensure that all the parts are included in your package.

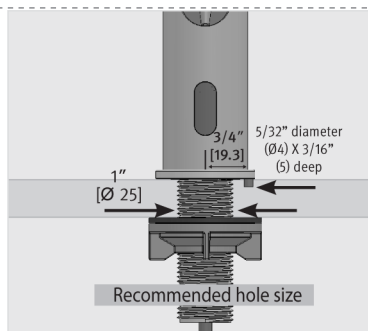


INSTALLATION

Step 1 : Remove all mounting hardware

Drill a hole (25-29mm) in the deck or lavatory for the soap dispenser body and a small hole for the anti rotation pin.

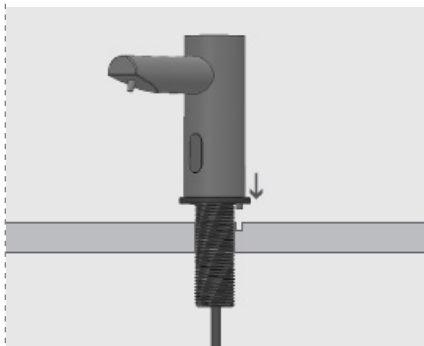
Disassemble the nut, disk and gasket from the base of the soap dispenser body.



Step 2 : Installing the soap dispenser

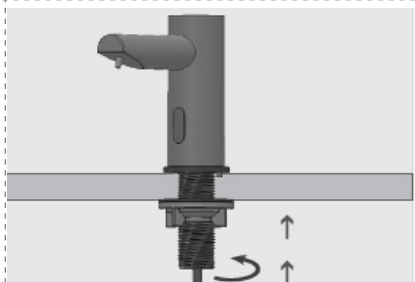
1

Insert the soap dispenser body and the anti rotation pin along with the rosette into the holes drilled.



2

Under the deck, secure the gasket, disk and nut over the soap dispenser body nipple.



INSTALLATION

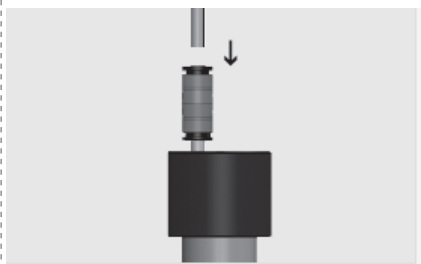
3

Fix the bottle support to the desired location. The pump **MUST** be within reach range of the Com cable and black supply tube.



4

Connect the pipe from the dispenser to the quick connection fitting of the compressor. Make sure it is firmly plugged in.



5

Connect the second soap tube provided in the packaging from the compressor to the quick connection fitting at the top of the soap dispenser pump assembly by snapping it in.



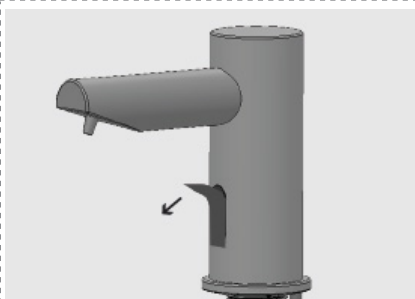
IMPORTANT: make sure to cut the tube to the minimum required length.

INSTALLATION

Step 3 : Connecting the power source

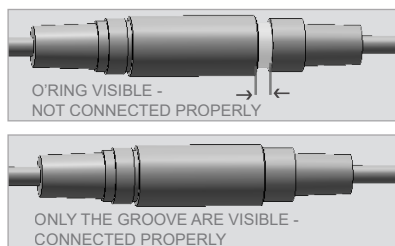
1

Remove the protective sticker covering the sensor.



2

Connect the soap dispenser pump connector to its matching connector coming from the electronic unit. Please note that since the connector is waterproof, some friction might apply.



IMPORTANT: the 4 contacts connector should be connected properly so that the white o-ring is not visible and a clicking sound is heard.

PAY ATTENTION: if the 4 contacts connectors is not connected properly, the soap dispenser pump will work continuously.

3

Plug the transformer into the electricity socket and connect the transformer connector

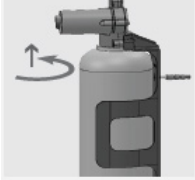
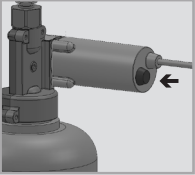


4

Wait about 10 seconds before you put your hands within the sensor range to avoid entering the adjustment mode.



FILLING THE SOAP TANK

1	Unscrew the soap tank from the pump assembly and pull it out from the bottle support.	
2	Fill in the liquid soap up to the top line.	
3	Insert the bottle back into the bottle support.	
4	Screw the soap tank back into the pump assembly. Make sure the tank is firmly secured into place.	
5	Press the refill button located at the back of the pump assembly until soap starts coming out of the soap dispenser spout. This operation can also be done using the soap dispenser remote control Refill function.	
6	NOTE: once the soap in the soap tank has reached the bottom line the soap tank should be refilled. To refill the soap tank please refer to steps 1-5.	

REMOTE CONTROL FUNCTIONS

If available, the foam dispenser remote control can adjust the dispenser's settings. To use the remote control hold it in front of the sensor at a distance of 10-15cm (4-6").

Attention: The remote control will not operate out of the recommended range (too close or too far).

The remote control can be used to adjust the following functions :

1- SOAP QUANTITY

Press the + sign on the SOAP button to increase the soap quantity by increasing the dispensing time. Press the - button to decrease it.

Indication: continuous blinking blue light in the sensor eye.

2- AIR QUANTITY

To improve soap consistency ("foamability") change the amount air to be mixed. Press the + sign on the AIR button to increase the air quantity and the - to decrease it.

Indication: 2 blinks of the blue light in the sensor eye.

3- RESET

This function resets the sensor back to its factory settings.

4- TEMPORARY OFF FUNCTION

This function temporary disables the dispenser. Use this function to preform maintenance in front of the sensor without activating the system (for example: cleaning). The soap dispenser will shut off for one minute after this button is pressed once.

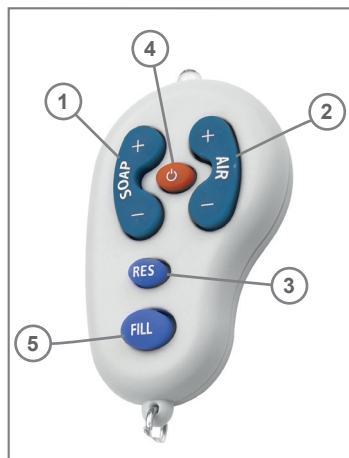
To return to normal operation before the minute is over, press the On/Off button again

5- FILL THE SOAP TANK

Once the soap tank has been filled \ refilled, press the FILL button. The pump will run for one minute, priming the piping with soap.

Once soap begins dispensing from the spout, priming is complete. press the FILL button again to stop the priming before the minute is over.

Indication: continuous solid blue light in the sensor eye.



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 use ONLY soap and water, then wipe dry with a clean cloth or towel. When cleaning bathroom tiles, the soap dispenser should be protected from any splattering of harsh cleansers.

Disassemble of the soap pipe from the pump

The soap pipe can be disconnected from the soap pump by a simple slide & 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

This soap dispenser is provided with a foam filter. It is recommended to clean the filter every six (6) months.

If the soap supply has decreased, this may be caused by the clogged filter. The filter can be cleaned as follows:

1. Unscrew the quick connection fitting from the top of the foam compressor and pull out the filter housing.
2. Remove the filter from the housing and wash it under running water.
3. Reassemble the parts.

Clean the soap tank

Clean out the tank prior to refill by flushing warm water through the hoses and pump until clean water is released from the spout. TIP: Keeping a spare tank will enable this process to be completed in a speedy and hygienic manner with minimal downtime.

LIMITED WARRANTY

SUPRATECH warrants that its electronic products will be free of defects in material and workmanship during normal use for two years from the date the product is purchased.

If a defect is found in normal use, SUPRATECH will, at its discretion, repair, provide a replacement part or product, or make appropriate adjustments. Damage caused by accident, misuse, or abuse is not covered by this warranty. Improper care and cleaning will void the warranty. Proof of purchase (original sales receipt) must be provided to SUPRATECH with all warranty claims.

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

If you believe that you have a warranty claim, contact your SUPRATECH Distributor, Dealer or Plumbing Contractor. Please be sure to provide all pertinent information regarding your claim, including a complete description of the problem, the product, model number, the date the product was purchased, from whom the product was purchased and the installation date. Also include your original invoice.

SUPRATECH AND/OR SELLER DISCLAIM ANY LIABILITY FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES. This warranty excludes product damage due to installation error, incorrect maintenance, wear and tear, battery, product abuse, or product misuse, whether performed by a contractor, service company, or the consumer. This warranty does not cover product damage caused by the following:

- Incorrect installation.
- Inversions of supply pipes.
- Pressures or temperatures exceeding recommended limits.
- Improper manipulation, tampering, bad or lapsed maintenance.
- Foreign bodies, dirt or scale introduced by the water supply or soap tank.
- Use of the soap outside of viscosity specifications.
- Alteration of the original soap dispenser components (including pipes).

SPARE PARTS LIST

Seals & Screws Kit Elite Foam	S07210162
Sensor Kit Elite Foam	S07220331
Soap Dispenser Pump	S07222028
Pump + Compressor Kit	S07222037
Soap Bottle 1 L	S07100035
Soap Bottle 1 L Support Kit	S07100037
Foam Filter	S07212015
12 V Transformer	S06522081
Remote Control for Foam Dispenser	RES-39

TROUBLESHOOTING

PROBLÈME	INDICATEUR	CAUSE	SOLUTION
Foam does not come out of the spout	Blue light in the sensor flashes (once) and the soap pump operates.	Soap has run low or is completely out.	Refill the soap tank. <i>Refer to page 9</i>
		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 (once) when the user's hands are within the sensor range.	Sensor is picking up reflections from the washbasin or another object.	Eliminate the 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. <i>Refer to page 11</i>

TROUBLESHOOTING

PROBLÈME	INDICATEUR	CAUSE	SOLUTION
Foam coming out of 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.
Foam is too diluted		Air ratio is too low.	Increase air ratio using the remote control. <i>Refer to page 10</i>
Foam is too dense		Air ratio is too high.	Decrease air ratio using the remote control. <i>Refer to page 10</i>
Soap dispenser pump does not work	Blue light flashes (once) and the foam compressor operates.	The connectors between the soap pump and the compressor are not connected 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.

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