SUPRATECH

HYGIENE ON THE MOVE!



TIMED FOOT WASHER
WITH PIEZOELECTRIC ACTIVATION

INSTALLATION AND MAINTENANCE GUIDE

SUPRATECH

Timed foot washers

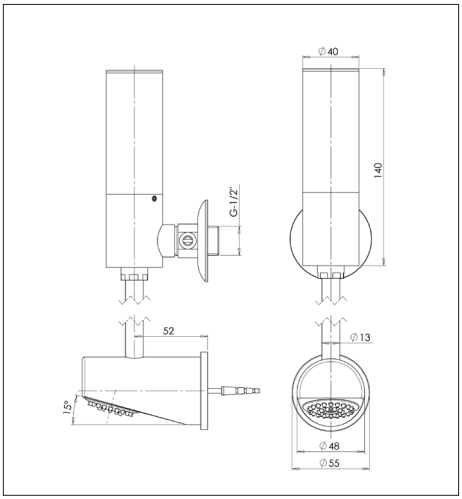
Ref. **RED-50 / RED-55**

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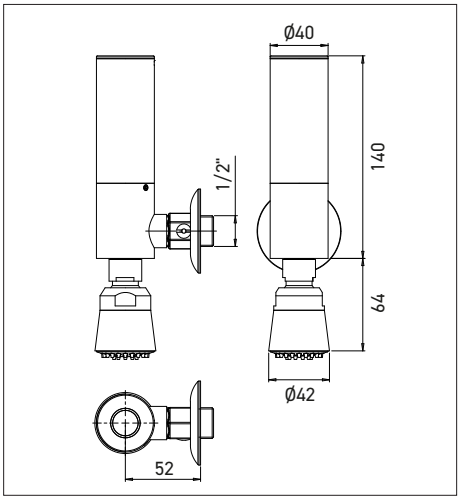
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TECHNICAL FEATURES



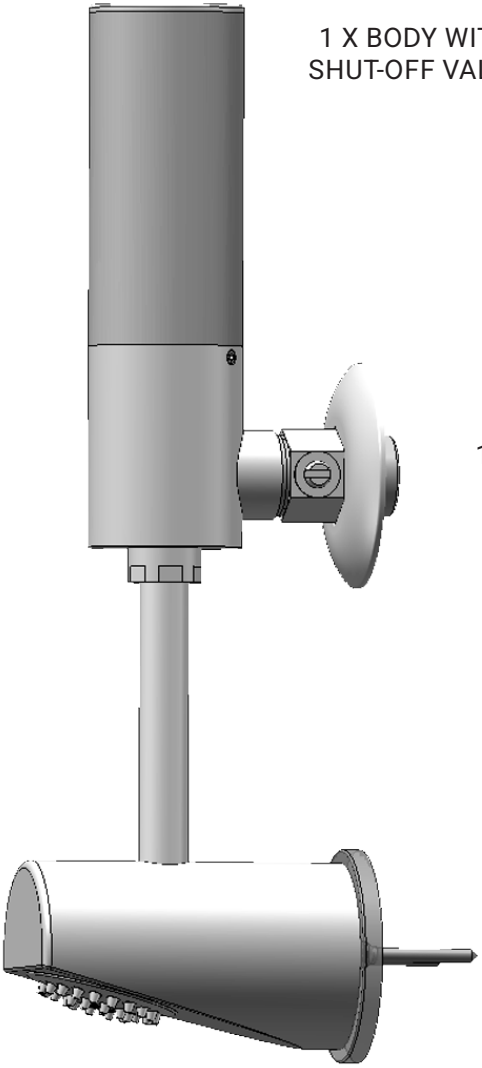
ref. RED-55



ref. RED-50

Operation	Piezoelectric push button
Power supply	9 V internal lithium battery
Water pressure	0.5-8 bar (if above, use a pressure limiter)
Water temperature	Max. 70°C
Flow duration	8 seconds, adjustable

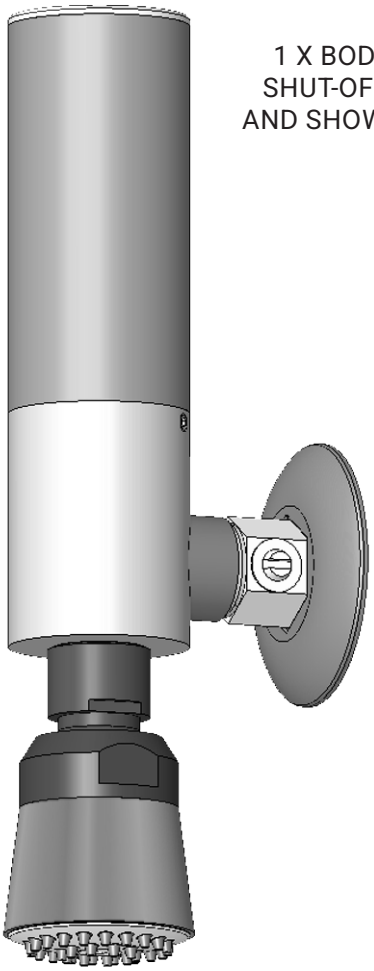
COMPONENTS - RED-55



1 X BODY WITH
SHUT-OFF VALVE

1 X ROSETTE WITH
RUBBER SEAL

1 X SHOWER HEAD



1 X BODY WITH
SHUT-OFF VALVE
AND SHOWER HEAD

1 X ROSETTE WITH
RUBBER SEAL

PRE-INSTALLATION

CHECKING THE PACKAGE CONTENTS

Remove all the parts from the package and check that they are all present, as listed in the COMPONENTS section.

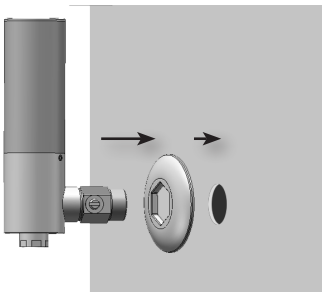
If any part is missing, DO NOT attempt to install the foot washer.
Wait until the missing part has been received.

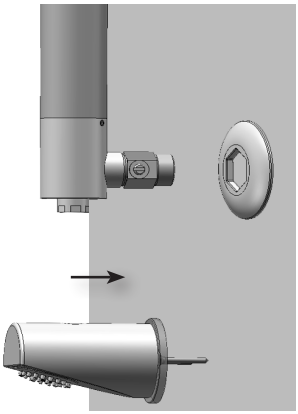
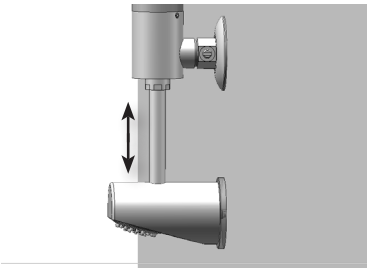
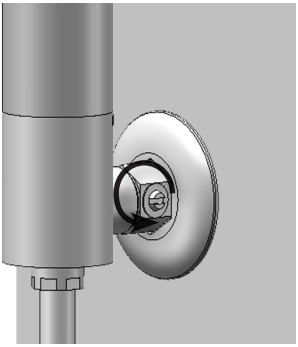
PREPARATION FOR INSTALLATION

Carefully flush the water supply before installing the foot washer.
Make sure that no dirt, Teflon tape or metal particles enter the valve.

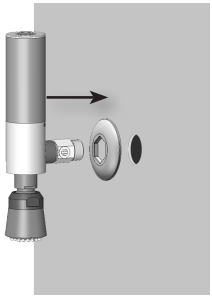
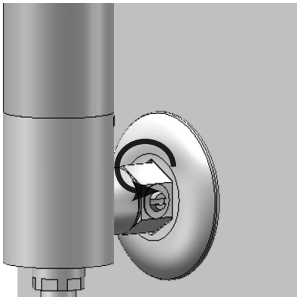
Installation must comply with applicable local standards and regulations.

INSTALLATION - RED-55

1	Shutt-off the water supply.	
2	Secure the foot washer body to the wall and connect it to the water supply. Use sealing cord or PTFE tape to ensure watertight threaded connection. Position the rosette between the shut-off valve inlet and the wall.	

3	Place the shower head at the desired height and secure the base to the wall with the 2 supplied screws.	
4	Apply lubricant to both sides of the tube, which must be cut at the desired length beforehand. Then connect the shower head with the tube to the foot washer body.	
5	Open the water supply and check for leaks.	
6	Make sure the shut-off valve is fully open by turning it counterclockwise.	

INSTALLATION - RED-50

1	Shutt-off the water supply.	
2	Secure the foot washer body to the wall and connect it to the water supply. Use sealing cord or PTFE tape to ensure watertight threaded connection. Position the rosette between the shut-off valve inlet and the wall.	
3	Open the water supply and check for leaks.	
4	Make sure the shut-off valve is fully open by turning it counterclockwise.	

FLOW TIME ADJUSTMENT

ADJUSTMENT LEVEL

The default flow time is 8 seconds, but it can be adjusted once the foot washer is installed and ready for use. The adjustment mechanism has 3 levels for modifying the flow duration. An LED indicator guides the user through the adjustment process.
The table below shows the number of times the piezoelectric button must be touched for each level, time duration for each touch and to identify the current setting of the foot washer:

	Level 1	Level 2	Level 3
Number of touches	10 touches	10 touches	2 touches
Additional seconds per touch	1 second	2 seconds	15 seconds
Adjusting level indicator	Level 1 reached after activating adjustment mode	LED indicator flashes twice	LED indicator flashes 3 times

End of adjustment mode: LED indicator flashes 4 times.

ENTER ADJUSTMENT MODE:

1. Open the Piezo button lid with the supplied 2 mm Allen key.
2. Disconnet the internal battery.
3. Press the Piezo button lid twice.
4. Reconnect the internal battery.
5. The LED indicator at the back of the lid will start flashing.
   After flashing few times, the LED indicator will steadily lit in red. Touch the Piezo button lid while the red LED indicator is still on to enter adjustment mode. If the procedure is successful, the LED indicator will stop flashing.
   NOTE: if the correct pressure is not applied to the button, the previous setting will be retained.

FLOW TIME ADJUSTMENT

6. The flow time will then be adjusted by touching the Piezo button lid. In «Level 1» mode, each touch increases the flow duration by 1 second, up to a maximum of 10 seconds. The LED indicator will flash once for each touch.
7. If the required flow duration is between 1 and 10 seconds, no further adjustment is necessary. Simply stop pressing the Piezo button lid. The LED indicator will flash twice, then 3 times, then 4 times to indicate the end of adjustment mode.
8. If «Level 2» is required, wait for the LED indicator to flash twice and press the Piezo button lid to adjust at the desired duration (up to a maximum of 10 touches, add of 2 seconds for each touch). If no further adjustment is necessary, simply stop pressing the Piezo button lid. The LED indicator will flash 3 times, then 4 times to indicate the end of adjustment mode.
9. If «Level 3» is required, wait for the LED indicator to flash 3 times and press the Piezo button lid to adjust at the desired duration (up to a maximum of 2 touches, add of 15 seconds for each touch).
10. To end adjustment mode, wait for the LED indicator to flash 4 times. Flow time is now adjusted.

FILTER CLEANING INSTRUCTIONS

The foot washer is supplied with a stainless steel filter preventing foreign particles to enter the solenoid valve. It is recommended to clean the filter every six months. If the water flow decreases, this may be due to a clogged filter.
The filter can be cleaned as follows:

1. Close the shut-off valve.
2. Disassemble the foot washer and remove the filter located between the foot washer body and the water inlet.
3. Clean the filter under running water.
4. Reassemble all parts.
5. Open the shut-off valve and check for leaks.



SOLENOID VALVE SERVICING

1. Close the shut-off valve.
2. Remove the top of the foot washer (Allen screw at the back).
3. Disconnect the solenoid valve connector.
4. Unscrew the solenoid valve with 25 mm flat key.
5. Remove the black diaphragm and clean under running water (small central hole).
6. Check that the black piston in the center of the solenoid valve is correctly positionned, with the spring underneath it in vertical position.
7. Reassemble the parts.

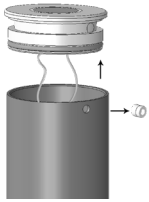
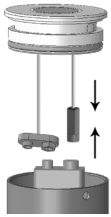
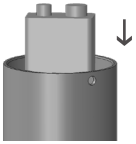
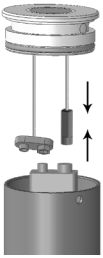
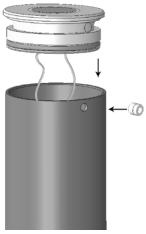
The solenoid valve diaphragm requires periodical cleaning every six months.
DO NOT attempt to dismantle the solenoid valve if you are unfamiliar with electronic solenoid valves.

CARE AND CLEANING OF THE STAINLESS STEEL FRONT PANEL

DO NOT use steel wool or cleansing agents containing alcohol, acids, abrasives, or the like as they may damage the front panel.
For surface cleaning, use ONLY soap and water, then wipe and dry with a clean cloth.
When cleaning bathroom tiles, the valve should be protected from any splattering of harsh cleansers.

For disinfection, chlorine may be used at regular maintenance intervals (maximum concentration of 50 mg/L in water for 1 hour).

BATTERY REPLACEMENT

1	Unscrew the M4X4 Allen screw on the Piezo button lid and remove the lid.	
2	Disconnect the connectors and remove the old battery.	
3	Replace the old battery with a new 9 V battery (lithium battery recommended).	
4	Reconnect the connectors between the battaery and the Piezo button lid.	
5	Close the lid and tighten the Allen screw.	

NOTE: do not let water enter inside the foot washer body when changing the battery. The inside of the foot washer must be completely dry before to close the lid.

DUS-55

Seal and screw kit	S08530013
Filter	S07220174
Lid kit	S07270194
Solenoid valve kit	S07230002
Shower head and screw kit	S07212013

DUS-50

Seal and screw kit	S08530013
Filter	S07220174
Lid kit	S07270194
Solenoid valve kit	S07230002
Shower head and screw kit	S07212013

LIMITED WARRANTY

This faucet 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, including reversed hot and cold water supplies;
- pressure or temperature exceeding the specified limits;
- improper use, modification of the product or inadequate maintenance;
- foreign bodies, dirt, limescale or deposits in the water supply;
- water quality or composition incompatible with the product specifications;
- normal wear and tear and consumable items, including batteries;
- 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	CAUSE	SOLUTION
No running water	Low battery	Replace battery.
	Incorrect flow duration setting	Adjust the flow duration.
	Incorrect connection between the Piezo button lid connector and the solenoid valve connector	Check that the connectors are properly connected.
	Dirt or cale in the solenoid valve	Clean the solenoid valve: unscrew it, remove the piston and the spring, and clean it. When replacing the piston, ensure that the spring is in vertical position.
	The central hole of the solenoid valve diaphragm is clogged or the diaphragm is torn	Clean or replace the diaphragm.
	The water supply pressure is higher than 8 bar	Decrease water pressure or use a pressure limiter.
Continuous flow	Incorrect flow duration setting	Adjust the flow duration.
	Dirt or cale in the solenoid valve	Clean the solenoid valve: unscrew it, remove the piston and the spring, and clean it. When replacing the piston, ensure that the spring is in vertical position.
Lower flow rate	Clogged filter	Remove and clean the filter, before reinstalling it.

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