

# TSL.467

wall mounted soap dispenser

installation + maintenance

+ THE  
SPLASH  
LAB

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# TSL.467

**Read and save these instructions**

**WARNING** 

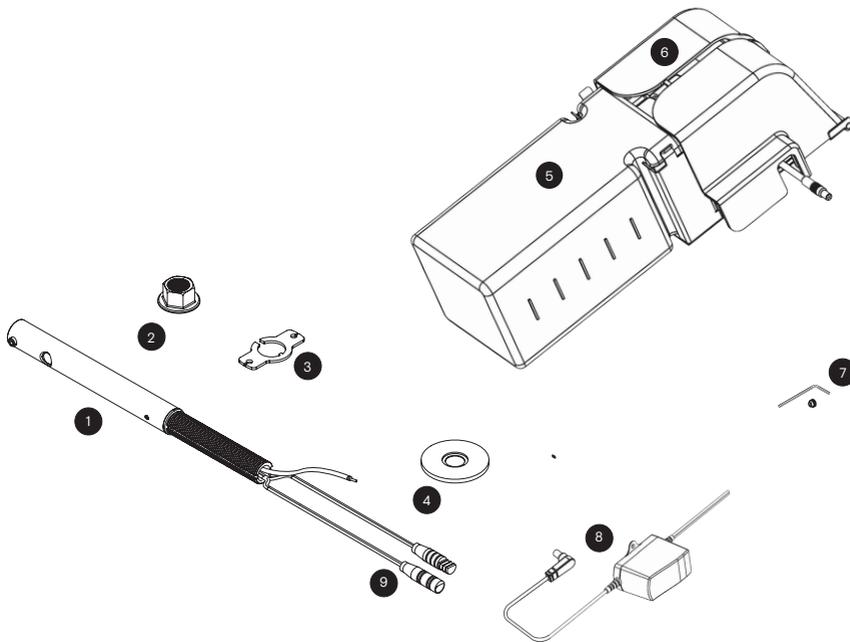
- + Use this unit only in the manner intended by the manufacturer. If you have questions, contact the manufacturer (see back page for more details)

**For more information contact:**

Tel: +44 (0)161 482 7000

Email: [info.uk@thesplashlab.com](mailto:info.uk@thesplashlab.com)

# box contents



- 1 \_\_\_\_\_ Dispenser head assembly
- 2 \_\_\_\_\_ Fixing nut
- 3 \_\_\_\_\_ Anti rotation washer
- 4 \_\_\_\_\_ Base collar
- 5 \_\_\_\_\_ Soap reservoir
- 6 \_\_\_\_\_ Soap foamer pump unit
- 7 \_\_\_\_\_ Hex wrench / soap outlet
- 8 \_\_\_\_\_ Power Supply Unit (PSU)
- 9 \_\_\_\_\_ Soap pipe

# technical data

## Overview

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The TSL.467 is a stainless steel wall mounted soap dispenser, available in a variety of coloured finishes.

Codes	Power	Finishes
TSL.467.CS	Mains	Brushed Stainless Steel
TSL.467.CP	Mains	Brushed Copper
TSL.467.BK	Mains	Brushed Black
TSL.467.BR	Mains	Brushed Brass
TSL.467.BZ	Mains	Brushed Bronze

## Light Reflectance Values

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Brushed Stainless Steel	58
Brushed Copper	19
Brushed Black	3
Brushed Brass	40
Brushed Bronze	17

## Compliance

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CE PSU conforms to RoHS, REACH, EN15091

## Related Documents

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Datasheet	email:	<a href="mailto:info..uk@thesplashlab.com">info..uk@thesplashlab.com</a>
Warranty Document	email:	<a href="mailto:info..uk@thesplashlab.com">info..uk@thesplashlab.com</a>

# technical data

## Related Products

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Soap dispenser	TSL.470 Manual wall mounted soap dispenser
Sensor operated taps	TSL.884 Wall mounted IR sensor tap TSL.882 Wall mounted IR sensor tap

## Technical Data

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Weight	0.25Kg
Material	AISI 304 Stainless Steel
Power supply	110V - 230V ac; 50/60Hz
Output	1000mA
Standby power	0.1W
Standard discharge	1.0ml
Coating type	PVD (colours only)
Recommended soap type	Foam soap - <10cPS viscosity. Not suitable for liquid soaps, alcohol gels or hand sanitisers
Soap reservoir capacity	1 Litre (standard) 5 Litres (optional remote feed)
Sensor range	Preset 70mm (adjustable using seperate controller if required)
Max range	400mm
Min range	60mm
Sensor type	Infrared
Response time (max)	< 300ms
Security cut-off time	30 seconds
Connection to sensor cable	1700mm
Connection to fused supply	1780mm

# before you install

## Caution

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- + The TSL.467 parts must be put together correctly before installation.
- + All parts must be installed correctly before powering up the system.

## Access Requirements

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Soap reservoir must be accessible for installation, commissioning and for ongoing/routine maintenance.

**Front access:** If the underside of the wash basin is tiled in, or is fixed onto a vanity unit, a front hatch or panel(s) must be constructed below the wash basin for ongoing maintenance access.

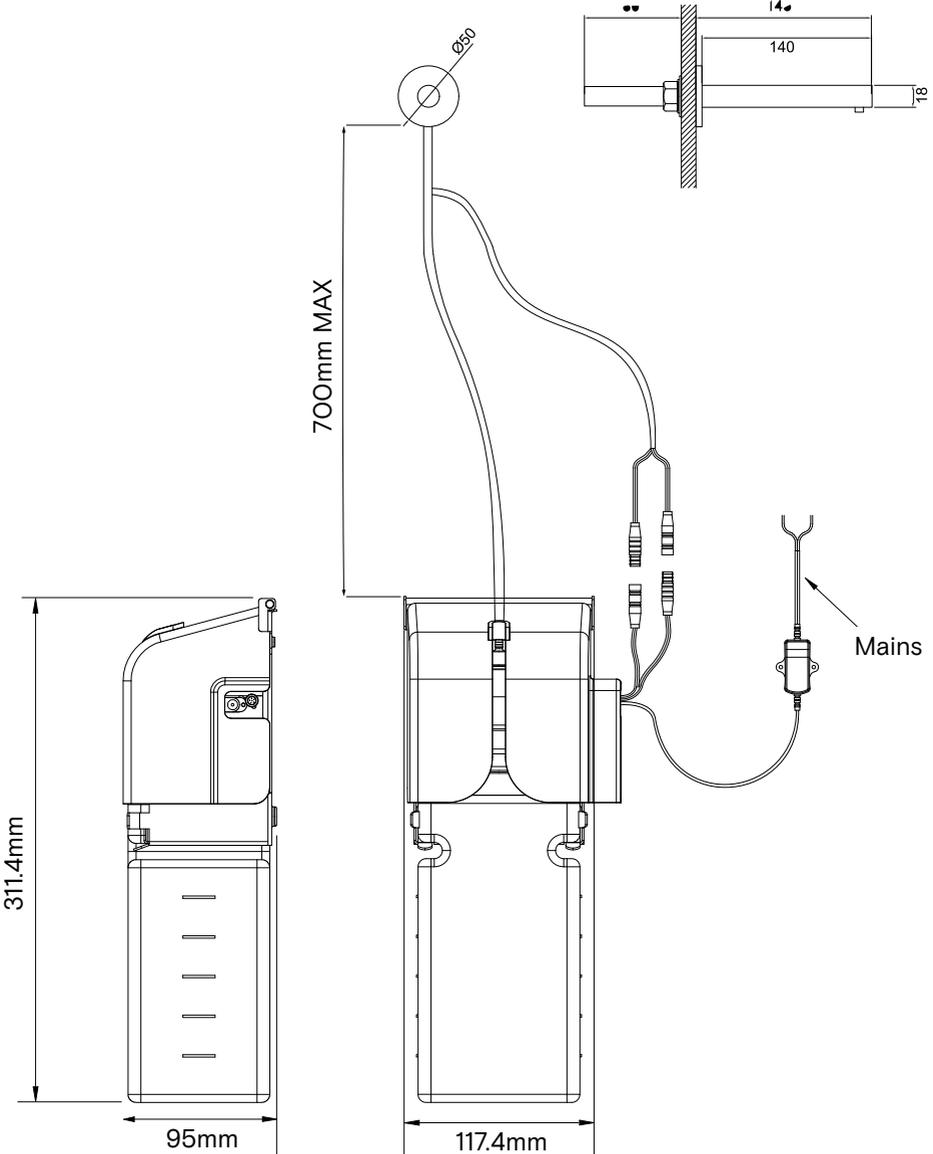
## Installation Requirements

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1. The TSL.467 is normally mounted in the wall panelling above a basin or counter-top. As a guide we would recommend that a minimum distance of 100mm between the dispenser and any adjacent tap, but this is ultimately only a guide measurement.
2. The TSL.467 is supplied with a single-feed reservoir to be connected with a flexible feed-pipe to the dispenser. If a multifeed system is required, this needs to be specified separately.

Maximum wall thickness	50mm
Minimum wall cavity	100mm
Access requirements	Power supply units and pump units must be accessible for initial installation & commissioning and for ongoing/routine maintenance.
Washroom layout	Soap pump and reservoir must be accessible for installation, commissioning and ongoing maintenance.
Power supply	3am fused spur to be connected to IP68 transformer supplied. It is not recommended that sensor-operated soap dispensers are connected to an occupancy circuit.

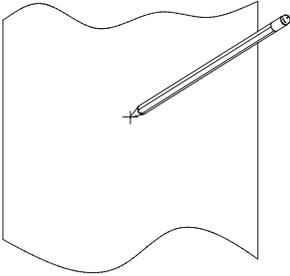
# technical drawing



# how to install

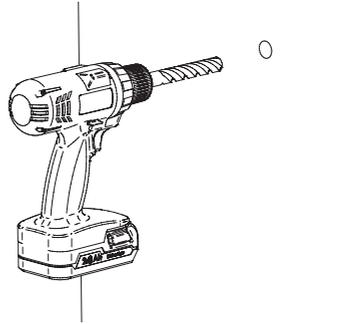
## Soap dispenser installation

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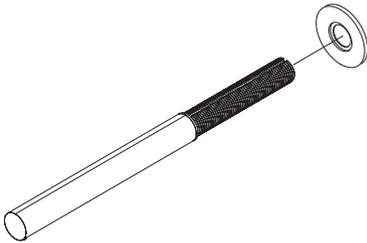
**1**

Mark the dispenser centres onto the surface for installation.



**2**

Drill 18mm diameter hole through mounting surface and into the wall cavity.



**3**

Slide the collar over the spigot.



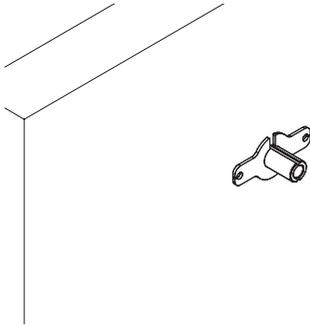
**4**

Slot the spigot end of the dispenser through the pre-drilled hole.

# how to install

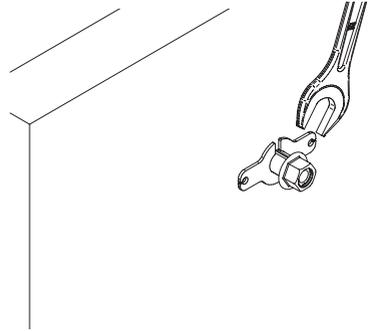
## Soap Installation

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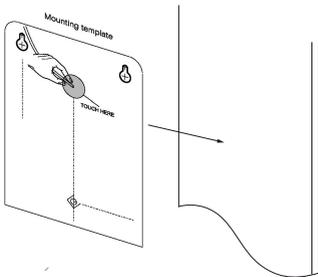
**5**

Fit the anti-rotational washer over the spigot.



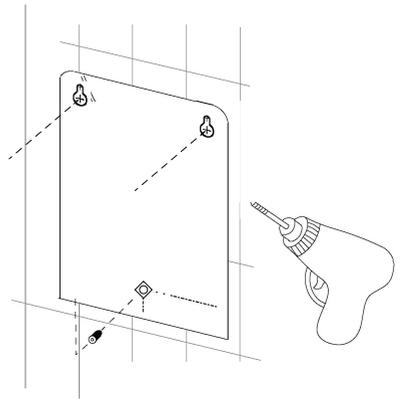
**6**

Thread the locking nut onto the spigot and tighten with a spanner



**7**

Position mounting template on the wall below the basin or behind the UT wall to find the best position for installation, according to the location of the mounting holes.

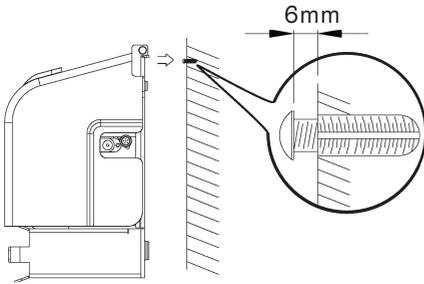


**8**

Drill 3 holes (size: 8mm) and insert the 3 wall plugs included in kit into the holes. Installer may choose to use another suitable size at their discretion.

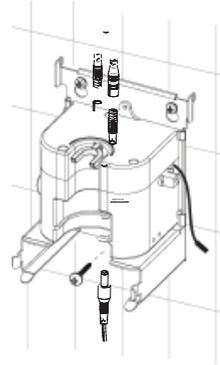
# how to install

## Soap Installation



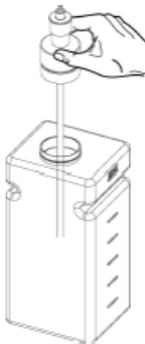
9

Screw two screws into the top wall plugs, leaving a 6mm space between the screw head and wall, so the soap reservoir can hang properly.



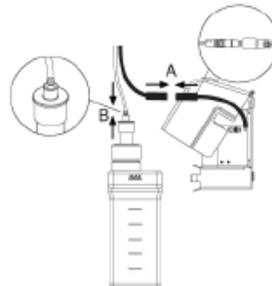
10

When the control box assembly has been hung on the wall, fasten the third screw into the bottom wall plug.



11

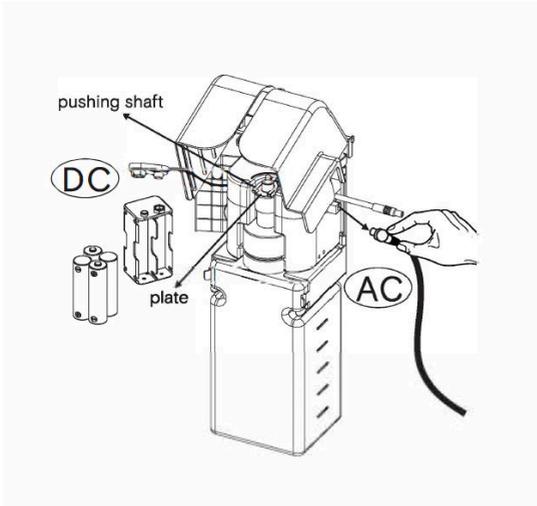
Pull up the soap pump, fill in the foam soap and then push down the soap pump until you hear it snap into place.



12

Connect the wire of the soap dispenser to the wire of the control box assembly. Connect the tube of the soap dispenser to the connector on the soap pump. The overall length of the soap tube is 1000mm. For a suitable length for installation, cut the tube as short as possible to save battery life and improve soap volume.

# how to install



## 10

Push the soap tank to the track. Make sure the soap pump plate is under the pushing shaft before you put back the soap tank, so the soap dispenser can work properly. Connect the fuse spur to power mains or plug in battery box to supply power. Installation finished.

\*To use power mains as the power source, do not place batteries in the battery compartment. To use batteries as the power source, insert the batteries in the battery compartment and disconnect the AC power wire from the control box. The life cycle of the soap dispenser based on using batteries as the power source is about 15,000 cycles.

# operation

- + The user places hands within the detection range of the sensor to activate the soap dispenser.
- + The motor will start and soap is dispensed onto the user's hands.

# spare parts

If a situation arises where you require replacement components outside of a maintenance contract, there may be provision to obtain spare parts. Providing the components are under warranty and the parts have become non-functioning during normal use within their assumed usable life, they may be replaced. Should a replacement mains power supply be required it is imperative that an identical type is used. Contact The Splash Lab for further information.

# **maintenance & cleaning**

\*Isolate the unit from the power supply before any servicing or maintenance work is carried out.

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## **How to clean the spout of soap dispenser and how regularly**

- + Please use a clean cloth to wipe away the dusts and/or water mark on the spout or use a damp cloth to clean it. It is recommended to clean the spout every six months, depending on the frequency of usage and environment.
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## **How to clean the soap tank and how regularly**

- + Remove the soap tank, rinse with running water. It is recommended to clean the soap tank every three months, depending on the soap type used, frequency of usage and environment.
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## **How to clean the soap outlet and how regularly (foam soap only)**

- + Remove the soap outlet with the hex key provided. Clean the filter on the soap outlet with a soft brush under water. It is recommended to clean the soap outlet every three months, depending on the soap used, frequency of usage and environment.
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## **What should NOT be used**

- + Do not use steel brush or abrasive that could scratch the spouts.
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## **Best care for PVD Finishes**

- + You can clean the PVD finished spouts with a damp cloth and water. Do not use cleaning solution or liquid alcohol.
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# troubleshooting

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## If the dispenser will not run

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- + Ensure there is power to the dispenser and the wire from the fuse spur is connected correctly to the pump motor.
  - + Check that the sensor cables are fully connected to the corresponding cables from the foam pump unit.
  - + If you use DC type, replace the battery with a new one if the battery is low.
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## If the dispenser can be heard to operate, but soap is not dispensed

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- + Check that the soap pick-up pipe is fully immersed in the soap in the reservoir. If necessary, replenish the soap in the reservoir and ensure it is pushed into the correct position in the mouting bracket.
  - + Check that there are no leaks in the pipework, and that all connections are fully pushed home.
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## If the dispenser runs all the time

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- + It is likely that the sensor is detecting either an object, or reflection causing it to operate constantly.
  - + Remove the obstruction or cause of reflection.
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We are always looking to improve. If these did not solve your problem please contact us and we will endeavour to help.

Tel: +44 (0) 161 482 7000

Email: [Info.uk@thesplashlab.com](mailto:Info.uk@thesplashlab.com)

# warranty

We believe the future is personal. With a global mindset, we challenge conventional restroom norms via product innovation to create considered washroom solutions for corporate, public and hospitality spaces. We use rich raw materials, cutting-edge automation and considered washroom design to powerfully and positively influence the lives of people.

Demonstrating our commitment to quality and our belief in the strength of our designs, we offer the following warranties.

The Splash Lab warrant that its products will be free of manufacturing and material defects during normal use and environmental conditions as detailed below:

**TSL.467: 1 years limited warranty**

If a defect is found in normal use, The Splash Lab will, at their 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.

Non-operation of the product due to environmental conditions beyond our control, installation error, incorrect maintenance, water quality, fair wear and tear, incorrect or inappropriate installation, misuse and abuse is not covered by the warranty.

Proof of purchase (original sales receipt) must be provided to The Splash Lab with all warranty claims.

The above warranty is valid for goods supplied within the United Kingdom.

For goods supplied outside of the United Kingdom, The Splash Lab will honour the above stated warranty periods for the parts only.

THE SPLASH LAB DISCLAIM ANY LIABILITY FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

# contact



## **General information**

[info.uk@thesplashlab.com](mailto:info.uk@thesplashlab.com)

+44 (0) 161 482 7000

## **For further contact information**

**visit:** [www.thesplashlab.com](http://www.thesplashlab.com)





Meadow Industrial Estate, 34 Water Street,  
Stockport SK1 2BU  
T: 0161 482 7000  
info.uk@thesplashlab.com  
thesplashlab.com/uk