

Mains water IN
Turn OFF clockwise

Cut ends to be free from fraze and burr. Surface to be free from paint and other material for this length
SSR15 = 40.0 mm
SSR22 = 50.0mm

Lubrication of pipe work will aid fitting - use a small amount of washing up liquid or silicon grease

Remove
SSR15 = 60.0 mm
SSR22 = 90.0 mm
Before any draw off

Movement to increase gap to
SSR15 = 120 mm
SSR22 = 180 mm

To & fro rotation of valve may help during fitting of valve.

May require loosening of joints to obtain movement

Your surestop is clearly marked for the direction of flow. Failure to follow these markings will mean that your surestop will not work even if refitted correctly

To other draw offs

The surface to which the switch is to be attached must be flat to prevent distortion & possible malfunction of the switch.

Valve position shown is for illustrative purposes. The valve can be mounted in any orientation

Use suitable No 6 pan head screws - 3 off - to fix switch in place.

Note!
i. When routing the tubing leave the end plugs in place to prevent debris getting into the tubing.
ii. After routing remove end plugs, cut off excess and trim the sheathing to leave the tube ends as shown.
iii. Push the tube ends into the 4.0 mm push fits as shown.

Push clips top & bottom to remove cover.

The tubing can be hidden or surface mounted. As supplied the backplate suits hidden tubing. A thinned cut-out profile is provided on the inside of the backplate for surface fitting of the tubing. Cable clips for 2.5 flat twin & earth cable can be used to clip the tubing for surface mounting



After checking all joints see commissioning instruction (overleaf) before turning water back ON.

Important Warning!

Your surestop is manufactured from high grade engineering plastics. Under no circumstances must your surestop come in contact with SOLDER FLUX. If a solder joint is made upstream of your surestop WATER MUST be flushed through before fitting your surestop.

Installation summary for surestop remote water valves - SSR15 & SSR22

Installation of valve body

1. Locate and turn off the water stop valve.
2. Remove the section of pipe work. This must be after the stop valve and before any other draw off. Clean the cut ends of pipe etc for length shown.
See additional notes items 2 and 3
3. Ensure there is sufficient movement in the pipe work to increase the gap to that shown. It may be necessary to undo other joints to enable this movement.
4. Fit the valve body to the pipe work ends. Lubrication of the pipe work will assist this assembly. Ensure that the arrows match the direction of flow of the water. DO NOT try to force the pipe work into the connections. This will result in damaging the "O" rings.

Installation of remote switch

1. Determine the position of the remote switch and whether the tubing is to be routed on the surface or hidden or a combination of both. The switch can be up to 2 metres from the valve body (the use of extension kit SSRX2 will increase this to 4 metres).
2. Remove the cut out in the backplate if the surface route is directly out of the switch. The tubing can only be routed from the switch to the valve and not vice versa. For combined hidden and surface routing the tubing must be routed before fixing the switch in the chosen place.
3. DO NOT shorten the tubing until it has been routed to the valve.
4. After routing fix the switch in place using 3 x No 6 pan head or round head screws. The length and type should suit the surface material that you are screwing into.
5. At the valve remove the excess tubing. Leave about 200 to 300 mm more than you actually need.
6. In the valve area remove the sheathing to bare 60 mm of tube and then push each of the tubes into the 4 mm push fit connections on the top of the valve

Testing and commissioning

1. Check that the rocker on the surestop switch is pressed to "O" the "OFF" position and the nearest outlet of the supply is open. Turn the stop valve slowly back on, there will be a short burst of water and the surestop should then turn OFF.
2. Press the rocker to "I" the "ON" position and water should then flow from the open outlet. Repeated pressing of the rocker between "I" and "O" will turn the water on and off and purge air from the system. The water should turn off within 5 seconds.
3. The surestop should be left at "I", "ON", for normal use of draw offs. At any time press the surestop rocker to "O", "OFF", and when any draw off is opened water will stop flowing within 5 seconds and remain off until the surestop rocker is pressed to "I".

EARTH CONTINUITY

There will be instances where the earth continuity of the property is reliant on the incoming mains water supply pipe work. The installation of the surestop into the pipe work may therefore compromise the earth continuity as the surestop is of all plastic construction. In such circumstances the pipe work should be bonded across the surestop. If there is any doubt, cross bonding should be carried out as a precautionary measure. The means of cross bonding should be in accordance with the current edition of the IEE regulations.

Additional notes and comments on the installation and operation of your surestop

1. When fitting to an existing mains water supply the existing stop valve will be used. On new supplies a stop valve is to be fitted prior to the surestop unless one is already there.
2. It is essential that the ends of the pipe work - copper or plastic - are completely free from any burr, fraze or sharp edges that are liable to cut or damage the "O" ring seals within the joints.
3. When cleaning paint etc from existing pipe work DO NOT remove metal from the outside diameter as this may make the pipe work unable to seal properly on the "O" ring seals.
4. It is expected that after switching the water off with the surestop that the residual water within the system will flow and then drip for a while until it has drained off. The time taken will vary upon the volume of the pipe work and the way it has been run.
5. If there is a leak in the system the nearest draw off point to the surestop should be opened in addition to switching off the surestop. This will ensure that the bulk of the residual water is drained so that the leak can be dealt with properly.
6. Ensure that the surestop is sited where it will not be subjected to freezing. If this is not possible then the surestop and the pipe work must be protected from freezing.
7. When using extension kit SSRX2 it is fitted in-between the end of the tubing supplied with the switch and the valve. The ends of the tubing are connected with the valve carrier as supplied. Full instructions are supplied with the extension kit.

GUARANTEE

The standard guarantee for your surestop without registration is for 2 years from the date of installation against mechanical and material defects and does not include labour charges. Within this period should your surestop prove to be faulty it will be repaired or replaced free of charge providing it has been installed and used in accordance with the installation and operating instructions. Your surestop is not guaranteed against faults or damage caused by outside sources such as debris in the water supplies or incorrect installation. If it is suspected that the supply will be subject to debris then a suitable in line filter needs to be fitted prior to the surestop. Details of options to extend your guarantee to 15 years are given on the separate documentation included with this product. This Guarantee does not affect your statutory rights.

Designed and manufactured in Great Britain by **surestop**

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**Powered by water :-
no batteries or electricity required**

Installation instructions for the surestop remote water valve SSR15 & SSR22

surestop remote water valves are designed so that the water supply to which they are connected can be switched on & off at the flick of a switch. **surestop** enables the easy servicing of any problems that may occur with the water supply or appliances without having to use the brass stop valve.

Specification & Site requirements.

surestop remote water valves can be connected to any potable water supply.

Minimum pressure 0.5 bar (7 psi)

Maximum pressure 10 bar (150 psi)

The SSR15 fits 15 mm pipe work

The SSR22 fits 22 mm pipe work

Pipe work can be copper or plastic. Pipe work sizes other than these will require suitable adaptors.

The water supply can be mains or tank fed, in the case of tank fed the minimum head for satisfactory operation is 4 metres (12 ft).

surestop can be fitted to combi boilers and pressurised hot water systems. When connected to hot water supplies the max pressures are:

@ 60°C 4 bar (58 psi) @ 80°C 3 bar (44 psi)

Mains water supplies should include the existing stop valve prior to the point of installation.

SSR15/22

**Turns water off at the
flick of a switch!**