

Backflow Prevention

LATEST WATER REGULATION AUK 3

This new water regulation classifies ALL laboratories as a high-risk category 5 area for backflow contamination of the water supply and steps must be taken to ensure backflow cannot occur.

Questions concerning the water supply on site:

1. Is the laboratory connected directly to the mains water supply?
2. Is there a water outlet on the same circuit, lower than the spillover level of the laboratory sinks?

If the answer is YES to either of the above,
then it is required by LAW that:

3. A DC type pipe interrupter, (see diagram B.) with a permanent air gap must be fitted to each water outlet where a hose may be connected.
4. The distance between the outlet nozzle of the water tap and the spillover/bench level (called the Tap Gap) is a minimum of 300mm. See diagram A.

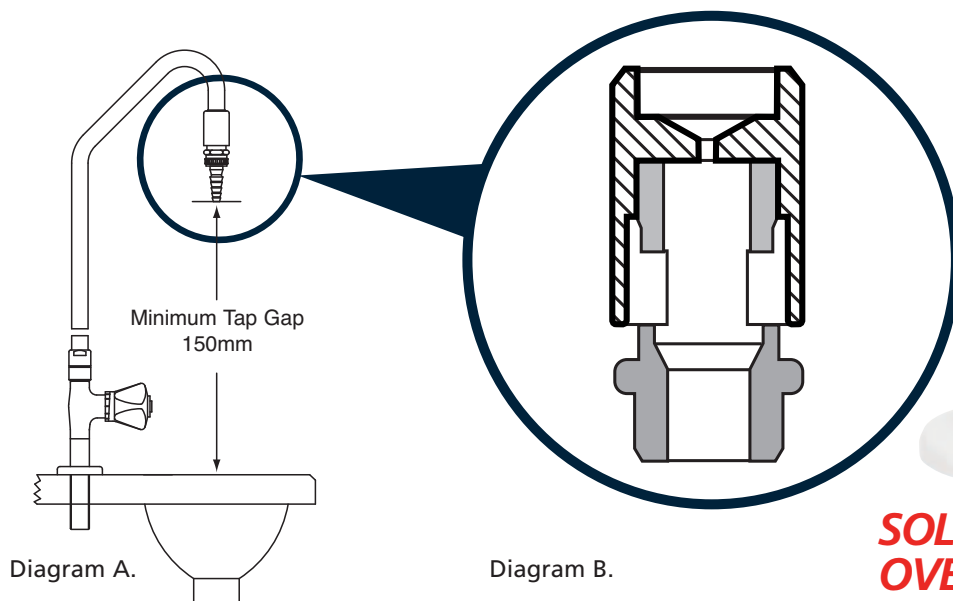


Diagram A.

Diagram B.

XL8082 DC with permanent air gap

SOLUTION OVERLEAF

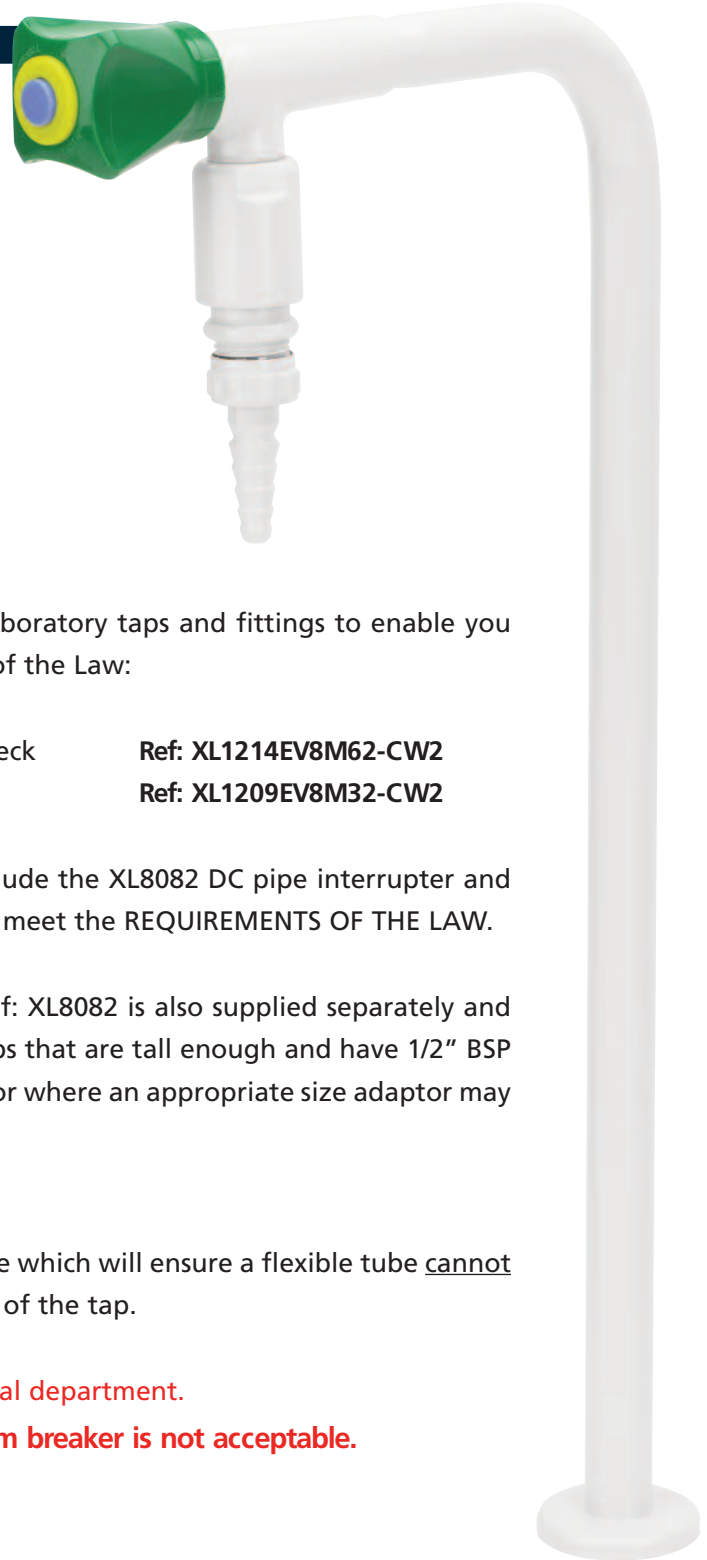
Full product catalogue available

SOLUTIONS

Bench Water Fittings

XL1209EV8M32-CW2

Single Angle Tap complete
with pipe interrupter



SOLUTION 1

Brownall Labtap has the laboratory taps and fittings to enable you to meet the requirements of the Law:

- | | | |
|----|-----------------------|-----------------------|
| A. | Single Fixed Swanneck | Ref: XL1214EV8M62-CW2 |
| B. | Single Angle Tap | Ref: XL1209EV8M32-CW2 |

The above two options include the XL8082 DC pipe interrupter and give the correct tap gap to meet the REQUIREMENTS OF THE LAW.

The DC pipe interrupter Ref: XL8082 is also supplied separately and can be fitted to existing taps that are tall enough and have 1/2" BSP male thread on the nozzle or where an appropriate size adaptor may be used.

SOLUTION 2

Refit with a Full Bore Nozzle which will ensure a flexible tube cannot be connected to the outlet of the tap.

If in doubt ring our technical department.

N.B. The traditional vacuum breaker is not acceptable.