

INSTALLATION INSTRUCTIONS

Failure to comply will diminish performance and negate product warranty

Where water quality is poor, it is recommended that the Excalibur be installed vertically to avoid build up of debris and a filter should be considered. In potable water supplies it is best to install Excalibur in the cold water feed supply lines. In certain instances, such as central heating and hot water returns Excalibur should be installed towards the cool end of the recirculating system.

Care must be taken to ensure that connecting joints requiring applied heat (blow torch) **must not be used** in the vicinity of Excalibur as the conducted heat will damage the unit's interior.

Where pumps are used the Excalibur should be positioned at least 2 metres away from pumps as the magnetic fields may interfere with performance levels

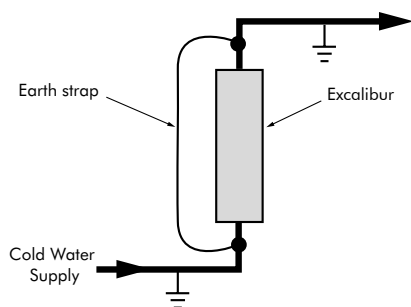
ELECTRICAL EARTH BONDING INSTRUCTIONS

ELECTRICAL EARTH BONDING IS ESSENTIAL AND INSTRUMENTAL TO THE EXCALIBUR PERFORMANCE, IN ADDITION TO PROVIDING A SAFE CONTINUITY OF EARTH BONDING FOR OTHER PURPOSES

In gravity fed systems where storage tanks are involved, even if the water is subsequently boosted, it is necessary to **cross bond the earthed incoming pipework with the downservice pipework** to ensure continuity of earthing. This continuity procedure is also important/necessary where there is a break in the pipework ie metal-to-plastic-to-metal for optimal performance.

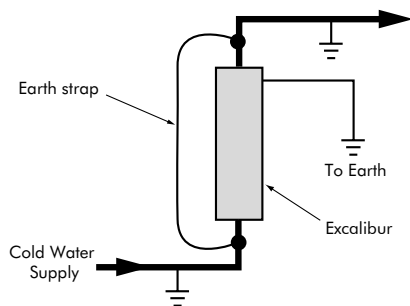
SCHEMATIC A

Where pipework is metal, properly grounded (earthed) and with no feed back from any stray currents from electrical equipment upstream.



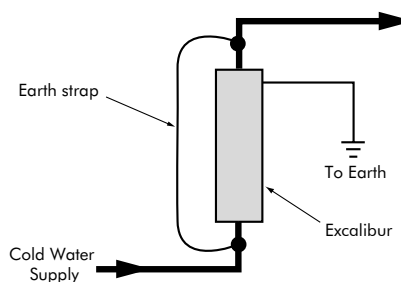
SCHEMATIC B

Where pipework is metal, properly grounded (earthed) but with the potential/actual feedback of stray currents from electrical equipment upstream.



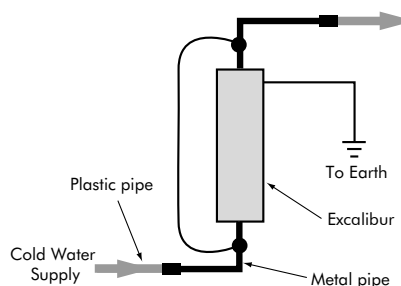
SCHEMATIC C

Where pipework is not adequately grounded (earthed).



SCHEMATIC D

Where Excalibur is installed into **plastic pipework** it is important that metal pipework is installed both before and after the Excalibur. The ideal length of pipework before and after the Excalibur should be pipe diameter x 30 wherever possible.



WHEN **PLASTIC PIPES** ARE USED BE SURE TO BOND THE ACTUAL EXCALIBUR TO EARTH



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Other Major Water Treatment Products

- Cyclone filtration
- UV disinfectant
- Chlorine dioxide treatment

Literature Available

Literature available on all products

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