

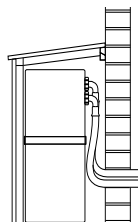
How to install a Water Softener Outside

Occasionally you can't fit the softener inside. For our small softeners we provide an outside cabinet, which is made of exterior plywood lined with polystyrene for insulation.

The cabinet must be fitted on a wall that is on a heated part of the house. It is the warmth coming through the wall that keeps the softener from freezing.

Do not under any circumstances fit an outside cabinet to an unheated garage or outhouse – it will freeze.

Install the bypass set in the usual way and run the hoses through the wall. The hoses need to be taken through the wall inside the cabinet. Make sure you lag them all with G0164, including the drain.

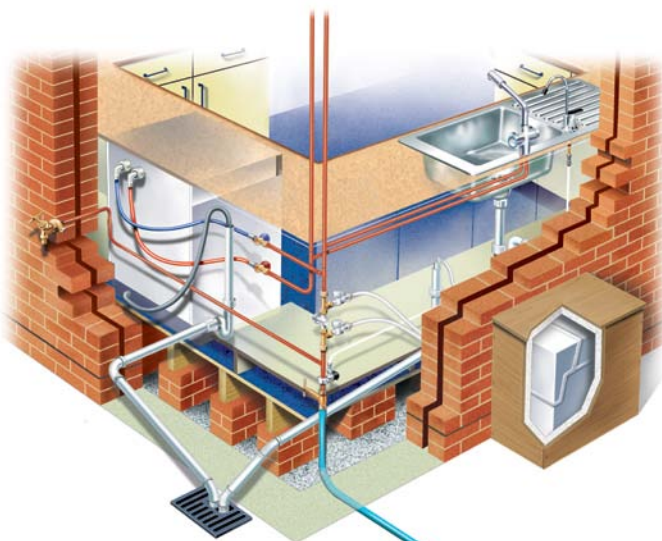
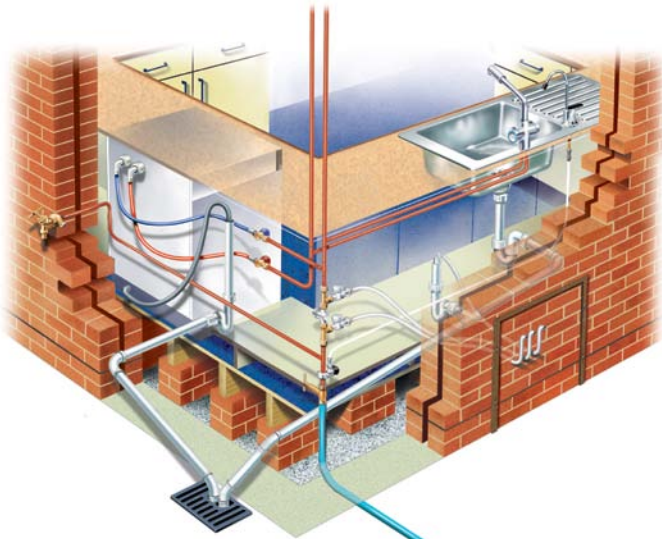


It is best to bring the hoses through near the bottom of the cabinet so there is room for the hoses to bend round the corner. Bringing the hoses through the wall too close to the connections can make it difficult. If this is your only option it's best to cut the hoses and use a couple of elbows. Make sure you clip them!

It is normally easier to run the drain back through the wall and connect inside, but an outside gully can be used. Don't run the drain externally in anything less than 22mm (3/4") as it is likely to freeze. See our 'How to run a waste to an open gully guide'.

It is also very important that the frame supplied with the cabinet is screwed to the wall to prevent the wind from blowing around the back of the cabinet and freezing the pipework.

The overflow is already outside so there is no need to fit an overflow pipe. Job Done!



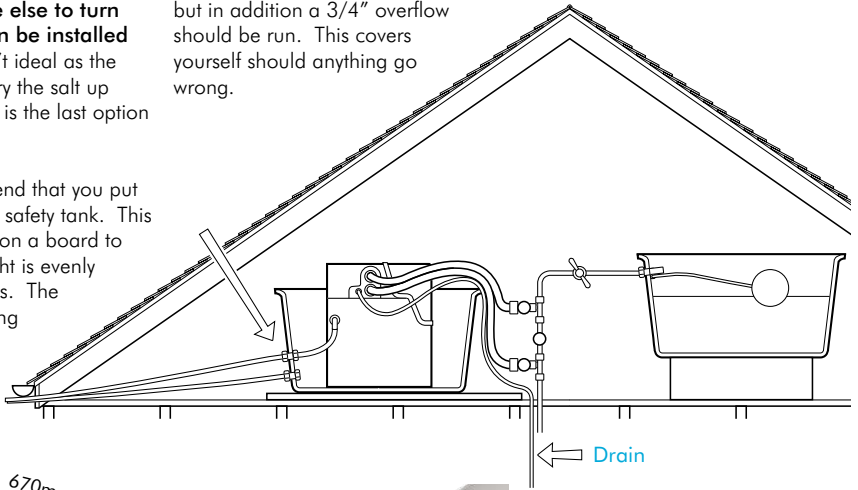
G0695
BSS Outside Cabinet

G0018
12mm Hose Elbow

If there is nowhere else to turn then a softener can be installed in the loft. This isn't ideal as the customer has to carry the salt up there. However, if it is the last option it isn't all that bad.

but in addition a 3/4" overflow should be run. This covers yourself should anything go wrong.

We always recommend that you put the softener inside a safety tank. This should be mounted on a board to ensure that the weight is evenly spread over the joists. The normal overflow fitting should be used



G0271
25 Gallon Loft Tank

G0185
3/4" Overflow Tube - 3m Length

G0194
3/4" Overflow Coupling



G0164
15mm/22mm Celeafelt Lagging - 24ft X 10

G0482
3/4" Overflow Tank Connector

G0182
Solvent Weld Cement - 250ml

Use this for lagging the hose. It is the best stuff to use because it's flexible. Cut the hoses to length and push the lagging on before making the connections.

If the cabinet is exposed to the wind it is a good idea to wrap on some extra lagging, particularly around the connections.



G0188
3/4" Overflow Elbow

G0669
Cleaning Fluid 250gm