



Kube II water softener

22mm INSTALLATION KIT INSTRUCTIONS



Thank you for choosing a **Kube II** Water Softener by Kinetico to improve the quality of your water.

You will immediately begin to notice the numerous benefits of having quality water throughout your home and the benefits of having a **Kube** Water Softener.

Since 1970 Kinetico Incorporated has designed and manufactured products to improve the quality of your water. Kinetico offers a complete line of quality water systems to solve your water problems.

Pioneers in non-electric, demand operated water treatment, Kinetico continually sets the direction for the entire water quality industry. Our products are installed in hundreds of thousands of homes around the world.

Once you enjoy the benefits of your **Kube** Water Softener we are sure you will agree that Kinetico Water Systems are the world's finest.

For more information about Kinetico;

Kinetico UK Limited

Bridge House, Park Gate Business Centre,
Chandlers Way, Park Gate, Hampshire SO31 1FQ

T: 01489 566 970

E: info@kinetico.co.uk

W: kinetico.co.uk

Contents

By-pass Kit

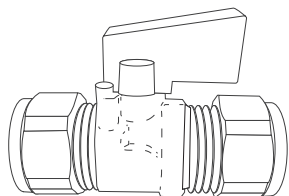
Contents	04
Considerations	05
Installation	05

Gap Trap Kit

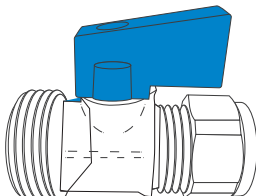
Contents	06
Considerations	07
Instructions	08
Installation	09

Supply and Return Hose Orientation	10
------------------------------------	----

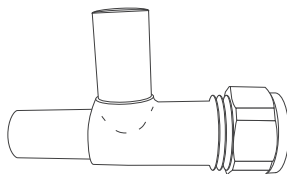
By-pass kit: Contents



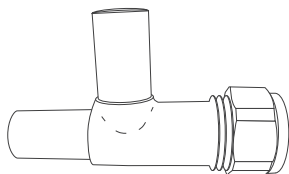
1 x Bypass valve



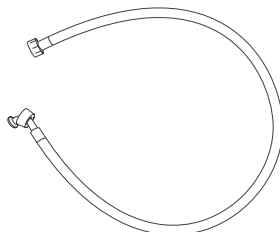
2 x Inlet/outlet valve



1 x Outlet T



1 x Inlet T with non-return valve
(labelled with flow direction)



2 x Hoses (22 mm)



4 x Sealing Washers

By-pass kit: Considerations

The by-pass valve set can be assemble in various configurations to accommodate change of copper pipe direction.

The inlet “T” is clearly labelled with a “direction of flow arrow”, if the T’s are assembled incorrectly water will not flow to the property.

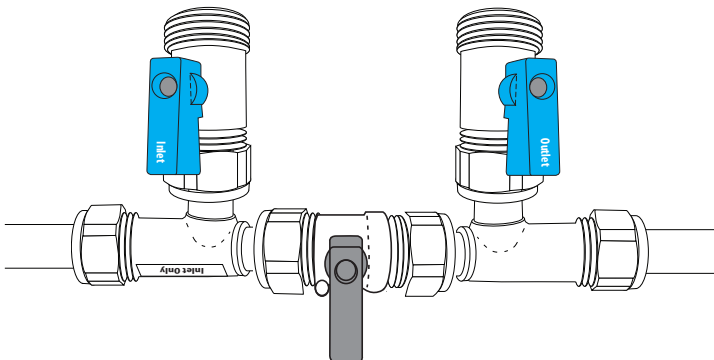
NOTE: Supplied compression olives are a mix of brass and copper, they are in the correct joints and should not be relocated. Brass olives are for joints on copper pipe, copper olives are for hard tails in the T assemblies.

When in the correct orientation make good the compression joints.

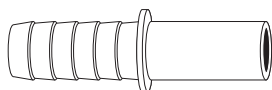
When measuring the length of copper pipe work to cut out, take into account that the length of pipe inserted into the T’s is different as the inlet T allows for the inbuilt non-return valve.

On completion, affix the “By-pass Softener” label in a prominent location.

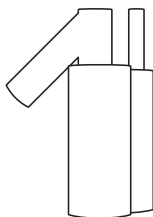
By-pass kit: Installation



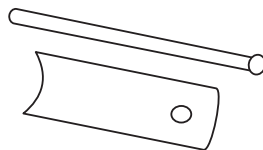
Gap trap kit: Contents



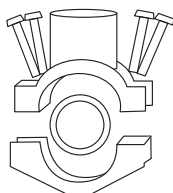
1 x Drain hose to air
gap connector



1 x Air gap



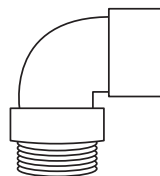
1 x Outlet T



1 x Saddle



2 x Spacers



4 x Elbow



1 x Extension piece

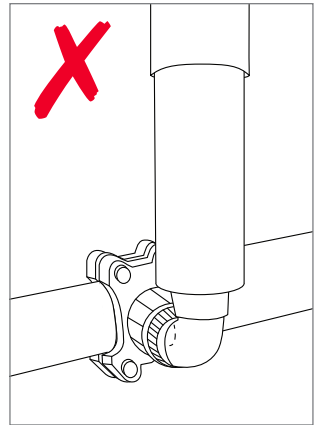
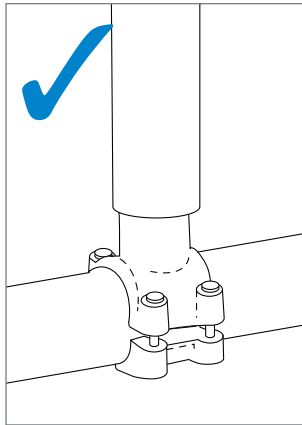
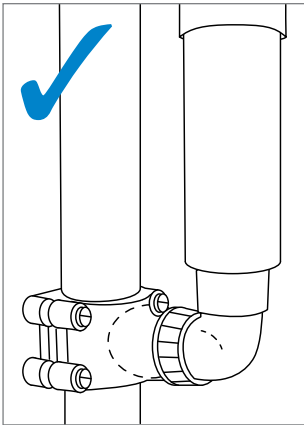


1 x Gap trap

Gap trap kit: Considerations

Before starting consider the following;

- You will require a tin of solvent weld cement
- The extension piece can be cut to suit the installation, but should be no less than 100mm in length
- The elbow should only be used on a vertical waste pipe, since use on a horizontal pipe will cause subsequent restriction due to the build up of fat/grease. If fitting to a horizontal pipe, fit on top without the elbow.



Gap trap kit: Instructions

1 Assemble the saddle with the O ring:

Use spacers if the pipe is 1 1/4", assemble the saddle with the O ring and clamp to the waste pipe.

2 Bore the hole:

Using the cutter, bore the hole and make sure that slug is fully cut off - put your finger in to check.

3 Fit the gap trap:

Fit the gap trap hand tight on to the O ring with the elbow in between, if required. At this point dry assemble the extension and air gap to check that you have sufficient space. If you need to cut the extension do so now but leave as long as possible (minimum 100mm).

4 Assemble the airgap:

Determine which way you need the spigot on the air gap to meet your drain hose and assemble all with solvent weld.

5 Connect the drain hose:

Once the solvent is dry, connect the drain hose - this can be done before gluing if it is easier.

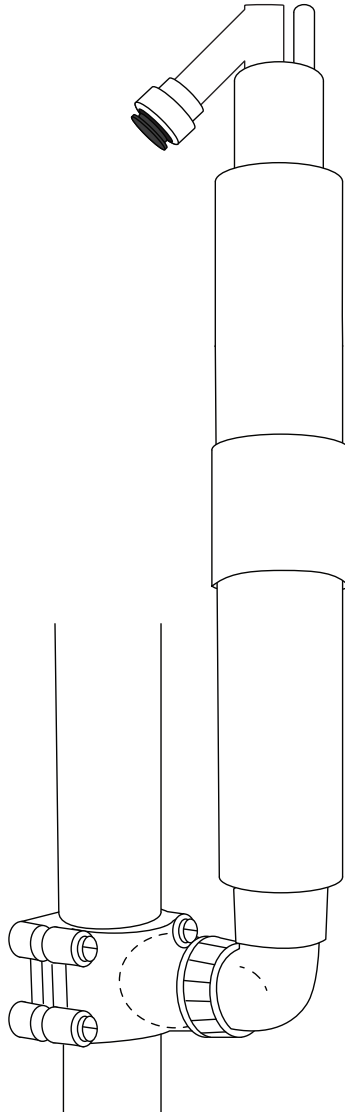
6 Installation checks:

Check for leaks and if you have used the elbow make sure that there is no danger of the standpipe being pushed out of vertical alignment.

7 Connect drain hose to gap trap:

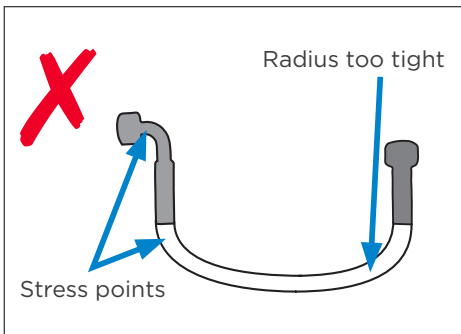
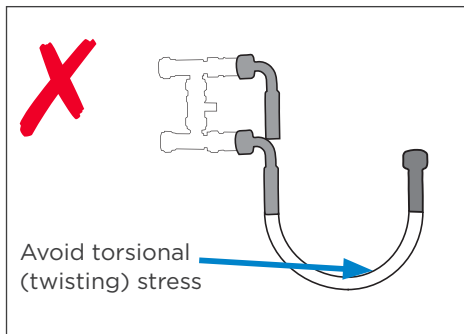
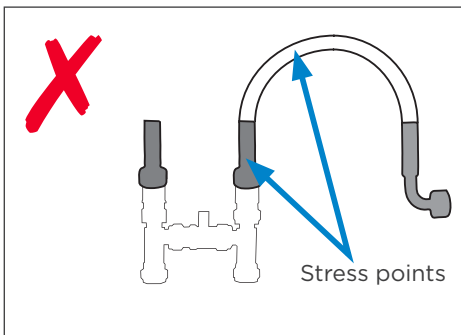
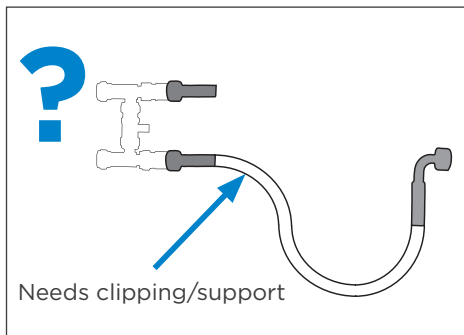
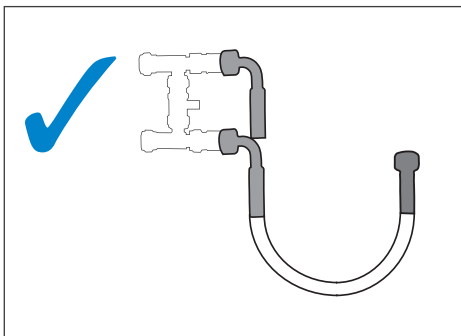
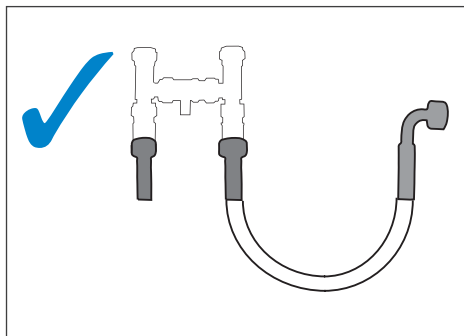
To make the final connection of the drain hose into the gap trap, insert 3/8" barb fitting into the hose and connect to the gap trap via the push-fit fitting.

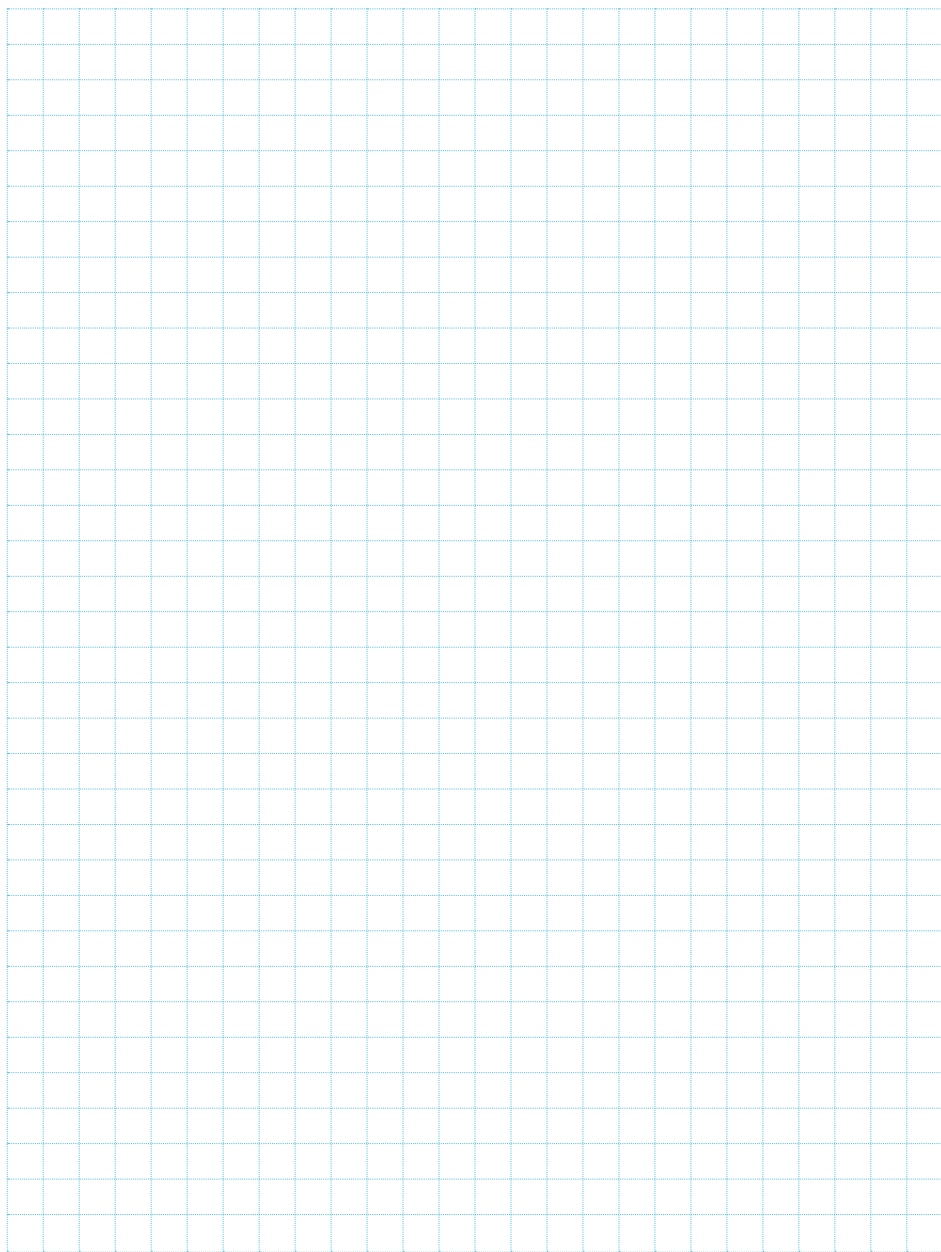
Gap trap kit: Installation



Supply & return hose orientation

When fitting hoses in their final position, consideration should be given to any stresses imparted on connections.







Kinetico UK Limited

Bridge House, Park Gate Business Centre,
Chandlers Way, Park Gate, Hampshire SO31 1FQ

T: 01489 566 970

E: info@kinetico.co.uk

W: kinetico.co.uk

© 2018 Kinetico UK Limited

Kinetico reserves the right to amend details or specifications without notice. All trademarks are registered to Kinetico Incorporated, Newbury, Ohio.