



INSTRUCTIONS FOR INSTALLING ION LIFE MELODY WATER ALKALIZER UNDERSINK

Call for
assistance:
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These instructions are for the use of a licenced plumber.

They cover the installation of the Jupiter Science JP104 'Melody' Water Alkalizer for use undersink.

The Melody Water Alkalizer filters tap water and then splits it into alkaline and acid streams.

Alkaline drinking water comes from the top stainless steel spout.

Acid water comes out of a grey hose attached to the underside of the unit.

Physical considerations:

1. The unit is installed in a position to allow an artificial S-bend to be created in the gravity-flow acid water hose.
2. The unit requires 220/240V power supply.
3. The unit may be attached directly to the cold water supply or to a dishwasher supply.
4. The unit has the ability to be attached to a sidewall of the cupboard by hanging on two screws
5. The unit should be able to be moved sufficiently to change the filter at 9 month intervals.

Installation Design

Installation uses a vented faucet installed beside the sink. This faucet:

1. Receives supply from the cold water line
2. Feeds water to the Alkalizer, and
3. The alkalizer processes the water and returns it to the output spout of the faucet.

STEP ONE

Based on the above, decide on the position of the Alkalizer in the undersink cupboard.

Allow for sufficient height to cause a downward flow of acid water to the sink drain. Note: We use an artificial 'loop' S-bend in the grey hose to prevent vapour escaping from the drainpipe. (See diagram)

STEP TWO

Attach the stainless steel spout to the top outlet of the Alkalizer.

STEP THREE

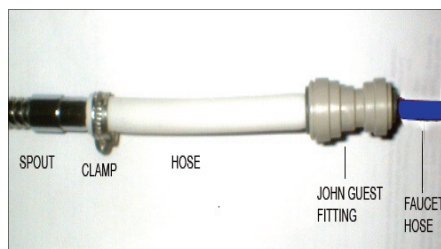
Attach the grey hose to the acid outlet point at the base of the Alkalizer.

STEP FOUR

Install the Faucet and attach the cold water line with stopcock to either the sink cold supply or the dishwasher supply using the supplied adaptor. Test flow to ensure you have the right hoses selected.

STEP FIVE

Attach the adaptor to the stainless steel spout to allow you to attach the hose from the Faucet.



STEP SIX

Mount the unit and attach the faucet hoses to the adaptor above. Attach the remaining hose from the faucet to the 'water in' point under the Alkalizer.

STEP SEVEN

Plug in power, turn on and turn on master switch at rear of unit.

STEP EIGHT

Turn the rotary dial at front of the unit (Lower front) to half way.

STEP NINE

If the customer wants to send the acid water direct to the waste pipe, you need to drill a hole in the side of the waste pipe below the S-bend.

The grey hose is inserted into the hole

and Silicone sealed. A loop is created in the grey hose and gaffer taped to the pipe as per the diagram to create the artificial S-bend.

If the client wants to save the acid water (see pic) they can choose to have a dual outlet using a tee (see pic) or simply putting a container below the unit to collect the acid water. (container not provided)

The Tee system uses an Irrigation Tee plus an irrigation end cap. We have provided it with short hoses so you can see how it works, pull it apart and reassemble with grey hose to suit the dimensions in the cupboard.

STEP TEN

Turn on the faucet and check the flow.

pH is determined by two factors; flow rate and pH setting. As water flows through the system, you can adjust the flow by turning the same front lower control dial until the low rate is shown as 'OK' on the digital display.

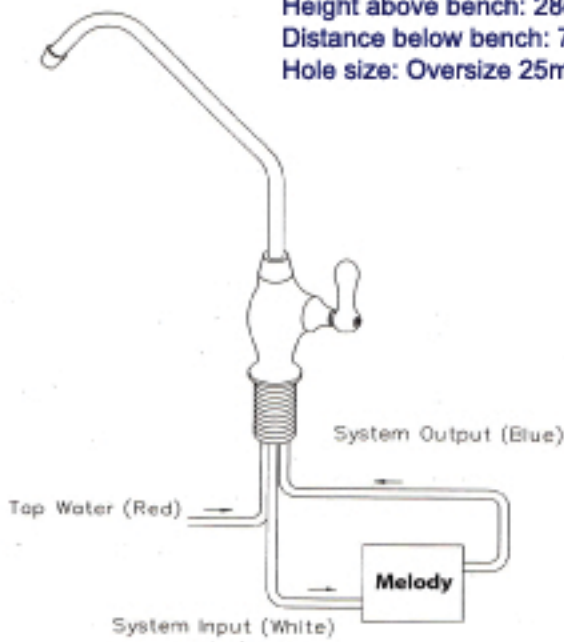
This shows as a vertical bar chart on the left hand side of the display. Keep the water running at the faucet and turn the dial until it shows OK. Water will now be alkalizing at the optimum rate.

To ensure the system is working, use the included pH kit to test tap water and output alkaline water



Please note that because we are not in control of installation, we do not accept any consequence of installation. Installation by a third party will be taken as acceptance of this policy.

Dimensions of faucet;
 Height above bench: 28cm
 Distance below bench: 7.5cm
 Hole size: Oversize 25mm.



Attachment for cold water dishwasher inlet hose



Adaptor and Stopcock for attaching to cold pipe

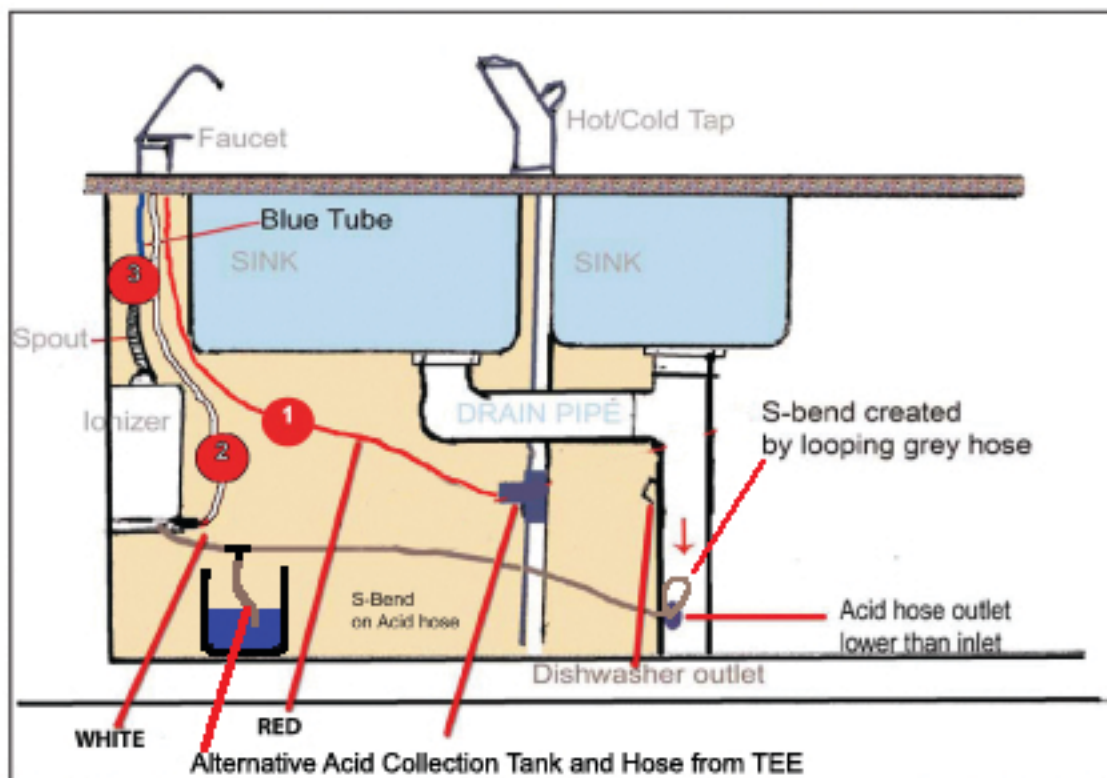
Also supplied: John Guest Quickfit Joiner to join faucet tube to ionizer tube.

Water flow:

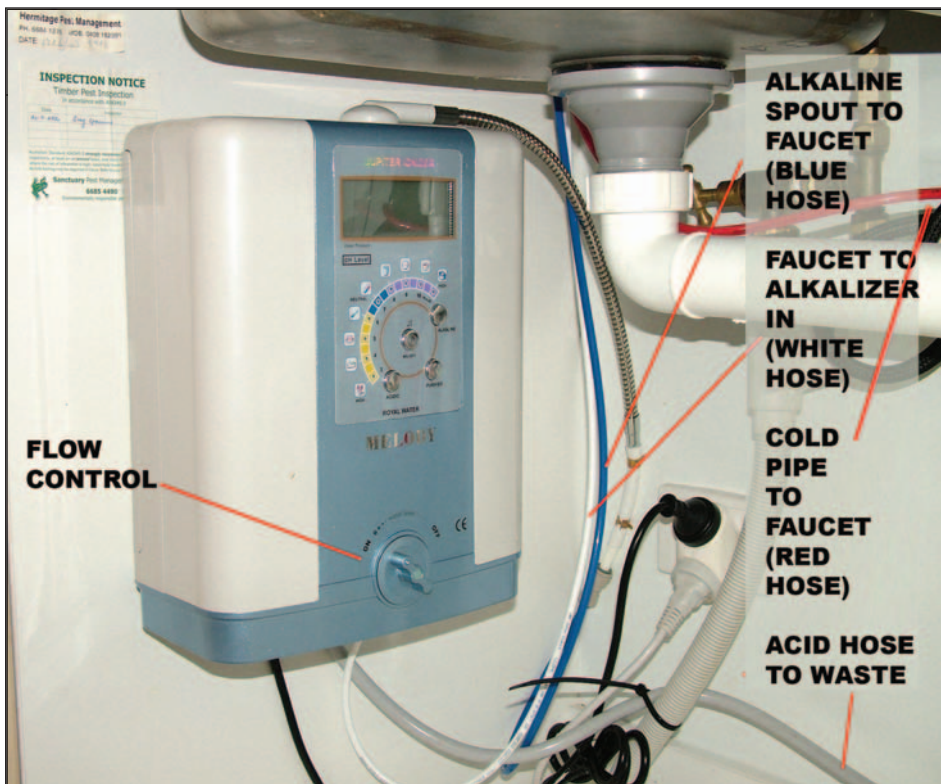
1. Mains to faucet via ● tube.
2. Faucet to ionizer in-hose via ○ tube.
3. Ionizer to faucet via ● tube

plus ionizer to drain via grey tube from underneath ionizer. (ionizer splits water into alkaline and acid streams).

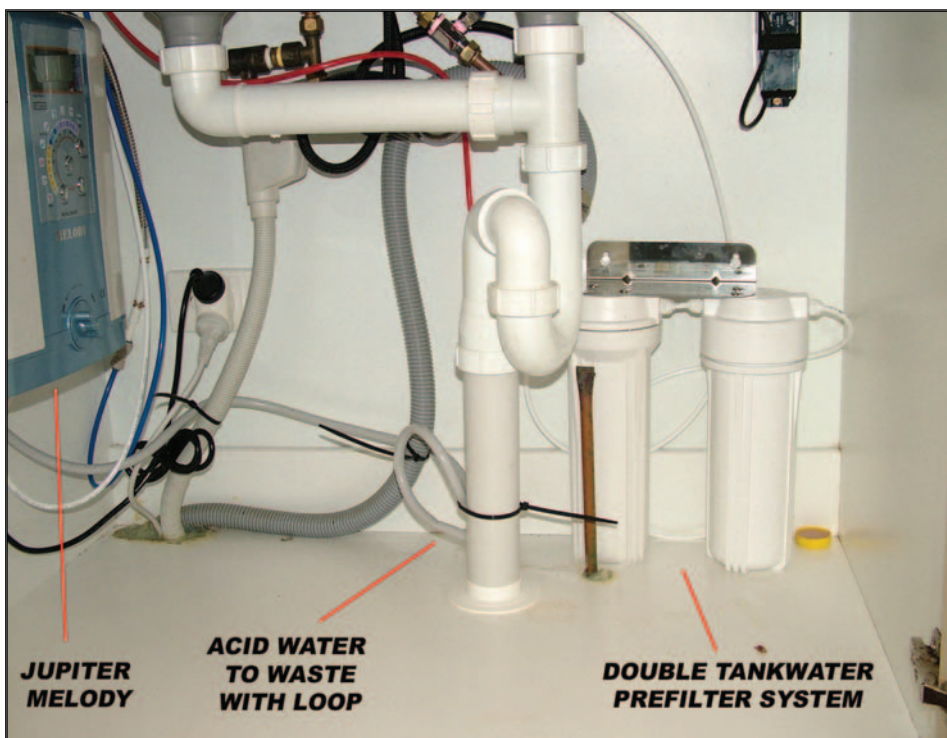
Note; Install ionizer as high as possible, with user access to controls. Mounting holes on rear, screws provided.



INSTALLATION DETAILS FOR TRADESMEN



Water Alkalizer fitted onto wall.
Note height from floor allows acid water drainage to gravity feed away.



Note loop in acid hose before it enters waste pipe to create vapour lock.

In this diagram, a double Doulton Sterasyl prefilter is employed in-line to filter parasites from tank water.

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Example of installation with container for acid water instead of draining acid water into waste pipe.

