

CALCITE

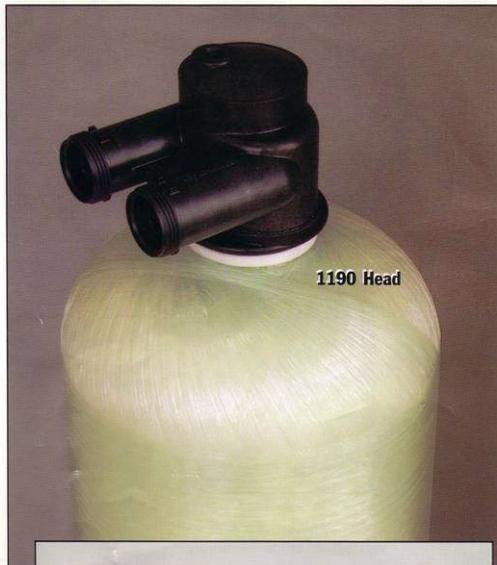
For pH Neutralising

The pH in water should be between 7 and 8.5 to be compliant with the current NZ Drinking Water Standard's Guideline Value

Symptoms - Solutions

- Blue/Turquoise/Green staining on bathroom fittings and shower enclosures, also on white or light laundry.
- Blue/Turquoise/Green hair on blondes.
- Heavy metal ingestion from copper leaching from pipe work with metallic taste, is an obvious health concern.
- Expensive water pipe and cylinder replacement due to corrosion of copper pipes, fittings and water heating units (gas, electric & solar).
- Expensive water damage from slow-leaking copper pipe work within walls etc.
- Inexpensive unit easily installed before the water enters the building, to raise and neutralise the low pH.
- Best 'insurance policy' to prevent future major expensive replacement.
- Wide range of media tank sizes and control valves available.
- Up flow or down flow available – we can recommend the best option for your application and size required.

Upflow In-Out Head



- The 1" In-Out Head is designed for upflow pH neutralisation.
- Water upflow prevents channeling and allows greater water to media exposure.
- No electricity, no waste.
- The removable fill port cap allows easy access to the media bed for periodic replenishment. The Head includes a removable upper distributor basket providing access to the top of the riser pipe, allowing water to be drained from the tank when replacing media. Includes a utility wrench to be used with the removable cap.

Calcite Media

- Calcite is a naturally occurring calcium carbonate (white marble) media which can be inexpensively used to neutralise acidic or low pH waters to a neutral less corrosive state. Upon contact with Calcite, acidic waters slowly dissolve the calcium carbonate to raise the pH which reduces the potential leaching of copper, lead and other metals found in typical plumbing systems. Depending on pH, water chemistry and service flow, the Calcite bed will need to be periodically replenished as the Calcite is depleted.
- As the Calcite's calcium carbonate neutralises the water, it may marginally increase the hardness.
- Calcite can be effectively combined with another media to combine its higher flow neutralisation properties, along with the slower reacting low flow properties of Calcite, increasing the ability to correct low pH.

Advantages and Conditions

- Optimum performance is achieved with the tank approximately 50-60% full of Calcite.
- Calcite is self-limiting. It corrects pH only enough to reach a non-corrosive balance. It does not over-correct.
- Slower reacting for controlled consistent pH correction.
- Can be blended with other media
- Most economical.
- No backwash valve required – no wastage of media.
- No electricity required.
- Water pH range: 5.0-7.0.
- Inexpensive easy top up – typically annually.
- Naturally occurring material.

Maintenance

- 25kg Calcite Media is typically required annually as a maintenance requirement for a household.
- We provide a computer-generated maintenance service for all clients – usually sending a bag out annually or as required.
- Calcite is available from our warehouse.

Client Comments

- 'We are very happy with our new water system. Wonderful to have water we can rely on. Thank you for your excellent service' **E&A Christchurch**
- 'Many thanks Sue, No more blue-green hair what a relief! The pipes will last longer now too I guess, but that is secondary to the way I was feeling having such strange coloured hair. We are both delighted – it's wonderful'. **BC Ashburton**
- 'Extremely satisfied with the kindness, speed and professional attitude with which you responded to my call and came out immediately. Very informative and pleasant interaction. Committed to absolute service'.
DS Christchurch
- 'Thanks for your help with the water treatment system. It worked really well, and made a difference to our health'. **AF Christchurch**
- 'Knowing we had to improve our water quality we got in touch with you and you recommended us the best treatment program for our situation. You explained the process easily and were up front with the costs involved. You were very professional and had much knowledge of your product making the whole process straight forward and hassle free. Thank you very much, it has truly made a wonderful improvement to our water quality'. **N&S Kaiapoi**
- Thank you for the fast efficient service, the water system is working well, even though we are yet to re test, the visual results are outstanding. I had to clean the bath and sink every day because of the bluey stains that would build up so quickly it was frustrating. Now a couple of days will go by before I start to think to myself, 'when did I last give it a good clean'. Not one trace of the blue stains. It is fantastic. Thanks Sue, please feel free to pass on to other customers. **AP Ashburton**
- Dear Sue, Very happy with your service, after shopping around for various items and prices your service was affordable, and service was provided quickly and in a very friendly manner. Regards
BC Rangiora
- All our farm water is going through the system and the change is much appreciated. The most valuable improvement is in the bathroom where we can wash hair without it tinting green. **JH Otago**

The logo for Sue Kelly Water Systems Ltd features the name 'Sue Kelly' in a large, black, cursive script font. Below it, the words 'Water Systems Ltd' are written in a smaller, black, sans-serif font. The logo is centered on a white rectangular background.

Sue Kelly

Water Systems Ltd

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