



**aqua-twin**<sup>TM</sup>  
water softener



A non-electric water softener

We compare the technical specifications of the Aqua-twin and Kinetico 2020c overleaf

### A new guise for a popular non electric softener

The Aqua-twin water softener is based on the original Kinetico block salt softener. Although the specification differs from the current Kinetico 2020c, the Aqua-twin is a fine alternative, in certain circumstances, and competes exceedingly well against other competitive products in a similar price band.

The Aqua-twin is an 'own-label' product. It has the same non-electric, twin resin cylinder technology that Kinetico have built their reputation upon. It has comparable dimensions to the 2020c and uses block salt in exactly the same way. It also offers a similar performance. The attractive two tone, rotational moulded cabinet, is highly robust reflecting the requirements of the trade and retail market to which the softener may be applied.

The Aqua-twin has a lift off lid and the cabinet enables plumbing connections to be made either on the left or right hand side. The technical specification of both the 2020c and Aqua-twin are compared side by side overleaf.

The technical support for this product is no different to other products from the Kinetico stable. Aqua-Nouveau offers a 6 year warranty on parts and a comprehensive 2 year guarantee on the Aqua-twin, with the option of extending the guarantee to 4 years (see details on retail price list)



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**aquanouveau**  
a new concept in water quality

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## Installation

All softeners require to be linked into the incoming water supply and therefore this will dictate, to a certain extent, where installation is possible. The Aqua-twin is compact enough to locate under a kitchen sink, however, utility rooms and garages are also possible siting places. With the Aqua-twin there are four connections – an inlet, an outlet, a drain and overflow. Installation is normally fairly straightforward and most components are available as DIY kits. We can provide an installation service and a site survey will outline the fitting implications and costs involved.

**Other considerations** It is important that all outside taps remain on the hard supply as it is wasteful to use softened water on the garden. Although softened water is potable it is usually possible to have fitted a separate cold water drinking tap if required. Alternatively the cold tap, at the kitchen sink, can be left on the hard supply. With a separate tap a filter or other drinking water system to be incorporated, to improve the taste and quality of water.

## Guarantee, service & salt

The Aqua-twin has an all inclusive guarantee which covers labour as well as parts (see price list for details). In the unlikely event of a malfunction, during this period, Aqua -Nouveau will come and resolve any problem that may arise **free** of charge. A local salt delivery service is available. The Aqua-twin uses block salt which is available in 8kg packs containing 2 blocks.

## Further information and assistance

Over the years, Aqua-Nouveau Limited, have produced a series of fact sheets and other literature on water quality in the home. Available on request these can be used in conjunction with this leaflet to explain further the many benefits and savings which can be gained by purchasing a Aqua-twin water softener. The only thing we cannot be sure about right now is how the softener can be installed into your home. As there are several factors to be considered, including flow rate and water pressure, a **free**, no obligation, site survey visit can be arranged. Whatever softener you eventually choose this information will be most valuable to you. Please contact us for further details.

## Specification

The Aqua-twin is available in two formats; an HE (high efficiency) version which is normally used for indirect water systems and an HF (high flow) version for direct fed condensing and combination boiler systems. It is advisable to use high flow installation components when fitting into the latter category.

The data below complies with the industry's promotional guidelines and code of practice for ion exchange water softeners. The capacity is referred to in 'people days' at 300mg/l as CaCO<sub>3</sub> based on each person in a family using 160 litres of softened water every day.

### Dimensions -

492mm (19<sup>3</sup>/<sub>4</sub>" ) high x 225mm \*(8<sup>3</sup>/<sub>4</sub>" ) wide x 482mm(18<sup>3</sup>/<sub>4</sub>" ) deep. \*Allow an extra 44mm (1<sup>3</sup>/<sub>4</sub>" ) for pipe connections.

**Resin capacity** - 5.7 litres per resin cylinder.

**Salt efficiency** - HE 37% HF 37%

**Salt used per regeneration** - 0.45kg (22oz)

**Capacity** - 1 to10 'people days'.

**Water used per regeneration** - 18.9 litres (4.2gallons).

**Max. daytime working pressure** - 8.3 bar (120psi).  
A PLV should be fitted if pressure is above 5 bar (72psi).

**Min. daytime working pressure** - 0.83bar (12psi).  
A pump should be fitted below this level.

**Maximum working temperature** - 50°C (122°F).

**Maximum flow rate** -  
HE = 27 l/min (1.0 bar pressure drop approximately).  
HF = 51 l/min (2.0 bar pressure drop approximately).

**Inlet/outlet connection** - ¾" BSP male.

**Overflow/drain connection** - ½" hose spigot.

**Salt storage** - 1 pack of 2 blocks of salt (8kg).

**Cabinet colour** - Mid grey with black top and lid.

**Shipping weight** - 20kg (44lb)

In order to compare the main specification differences between the Kinetico 2020c and the Aqua-twin, the following information applies:

Model Comparison	2020c		Aqua-twin	
	HE	HF	HE	HF
<b>Water flow (l/min)</b>				
Service flow rate	25	33	12	20
Peak flow rate	41	51	27	51
Min flow rate	0.18	0.18	0.56	1.89
<b>Dimensions</b>				
Cabinet height	483mm		492mm	
Cabinet depth	458mm		482mm	
Cabinet width	215mm		225mm	
<b>Regeneration</b>				
Media bed resin	Fine mesh & monosphere		Fine mesh	
Salt used	0.22kg	0.3kg	0.45kg	0.45kg
Salt efficiency	50%	40%	37%	37%
<b>Operating data</b>				
Salt type	Block or tablet		Block	
Manufacturers Warranty	10 year parts warranty		6 year parts warranty	

*All figures quoted are based on one resin cylinder in service while the second is in standby mode. Flow rates are nominal based on incoming water pressure. For further details on the KINETICO 2020c water softener please refer to separate leaflet.*

Full details of the warranty and extended guarantee are shown on our retail price list.

As part of their policy of constant improvement the company reserves the right to alter prices and specifications without notice.