

NEW PRODUCT

HAGUE MAXIMIZER® 400

Residential water softener

Innovation in water softener technology is spasmodic. Often years go by before something special comes along. Early designs used electrically controlled valves. In 1994 we saw Kinetico introduce a non electric, block salt, softener and in 2001 Harvey Softeners introduced a similar twin cylindered machine. Both have become well known in the area. Block salt, non electric, softeners from both stables now account for a large slice of the market.

Aqua-Nouveau has always offered the very best of these products while keeping an open mind to new innovation. In an industry that moves slowly, in this respect, it is rare that something really special grabs our attention. In 2010 this has happened and we are delighted to bring to our range the Hague 'Maximiser®' 400.

This remarkable product combines mechanical brilliance operated by advanced digital electronics. The blend of both enables finite control, impossible with current non-electric units. This softener is beautifully put together. It will fit comfortably in most kitchen cabinets. It's capable of giving very high flow rates required by current direct fed, unvented, heating systems and providing a filtering ability unmatched by any other softener. Best of all running costs are kept low as the salt efficiency is amazing.



The Hague 'Maximiser' 400 can use both block and tablet salt



Great performance from a great design

- ◆ Salt and water saving technology.
- ◆ Can operate on block and tablet salt.
- ◆ Around 80% salt efficient.
- ◆ Whisper quiet 6 cycle valve with backwash.
- ◆ Unique built-in dirt and sediment filter down to 20 micron.
- ◆ Only regenerates on demand.
- ◆ Patented capacity guard – softened water all day long.
- ◆ Low running costs.
- ◆ Patented packed resin bed – no need for twin cylinder operation.
- ◆ Exceptionally robust construction.



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Outstanding performance and build quality

We are greatly impressed with the salt efficiency of The Hague 'Maximiser'® 400. It is, without doubt, the best we have come across since we began selling softeners over 20 years ago. We

estimate that a block of salt will last a family member around 2 months compared with 4 weeks in a typical non electric, twin cylindered, softener. This will cut annual running costs, for a family of 4, from £120.00 down to £60.00. Over a typical 10 year period this saving could amount to around £600.00.

On this basis alone the Hague 'Maximiser'® 400 is well worth its price tag and we enthusiastically endorse this softener to you. We highlight further the exclusive features of this product below for those of you wanting to digest the more technical aspects.



- 1 Optional by-pass valve.** Simply turn the dial to 'BY-PASS' to switch the water supply off from the appliance. To return the softener to service, simply turn the dial to the 'SERVICE' position.
- 2 Digital controller.** Operates in three languages and retains programmed instructions indefinitely even if the electricity is disconnected or there is a power cut. Time of day settings remain in the memory for up to seven days after power is disconnected.
- 3 Whole house, built in, self cleaning filter.** This filters the softened water down to 20 micron – smaller than the human eye can see. There are also no cartridges to change and no maintenance is required.
- 4 Safety shut-off system.** To prevent the possibility of any overflows the 'Maximiser'®400 has a safety shut off system – the kind of attention to detail you would expect from a premium product.
- 5 Patented resin cylinder.** The design of the resin cylinder is quite special. It is moulded all in one with the valve head. Its screened distributor system allows for a packed bed which is backwashed with soft water. This and the rapid 12 minute regeneration cycle eliminates the need for a second cylinder.
- 6 Grid plate.** This unusually is located in completely segregated forward compartment ensuring consistent brine concentrations at all times.



Warranty

Comprehensive limited warranty. Ten years on cylinder and cabinet. All mechanical parts including electronic controls are covered for three full years.

Specification

Data 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 CaCO₃ based on each person in a family using 160 litres of softened water every day.

Dimensions -

550mm (21½") high x 290mm (11¼") wide x 470mm (18½") deep.

Resin capacity - 11 litres.

Salt efficiency - Around 80% - dependent on regeneration settings.

Salt used per regeneration - 0.5kg (1lb) minimum- dependent on regeneration settings.

Capacity -

1 to 10 'people days' maximum.

Water used per regeneration -

36 litres (9.6 gallons).

Max. daytime working pressure - 8.2 bar (120psi).

A PLV should be fitted if pressure is above 5 bar.

Min. daytime working pressure - 1.4 bar (20psi).

A pump should be fitted below this level.

Maximum working temperature - 48°C (120°F).

Maximum flow rate - 60 l/min (1 bar pressure drop approx).

Electrical requirement - 240 volt AC (50Hz) fused at 3amps.

Electrical consumption - 3 watts (Controller operates at 12 volt DC via transformer).

Inlet/outlet connection - choice of ¾" or 1" BSP male.

Overflow/drain connection - ½" hose spigot.

Salt storage - 2 x 4 kg block salt or 14kg of tablet salt.

Colour - Cream and grey .

Shipping weight - 25kg (55lb)

Aqua-Nouveau would like to acknowledge the assistance of Optiplan Kitchens, Twyford, for the photographic content of this leaflet.

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