



## SF WATER SOFTENERS

Water is considered "*hard*" if it contains a lot of calcium or magnesium dissolved in it. **Hard water** causes two problems: It can cause "scale" to form on the inside of pipes, water heaters, calorifiers, boiler, tea kettles and so on. The calcium and magnesium precipitate out of the water and stick to things. The scale doesn't conduct heat well and it also reduces the flow through pipes. Eventually, pipes and other equipment can become completely clogged. Hardness also reacts with soap to form a sticky scum, and also reduces the soap's ability to lather. Since most of us like to wash with soap, hard water makes a bath or shower less productive. In laundries more soap will be required adding to the operating costs.

One of the solutions to hard water is to remove the calcium and magnesium, or to use a water softener. During normal operation calcium and magnesium ions are retained within the softener by the softening resin. These are then released to drain during the regeneration cycle, which involves soaking the softening resin in a stream of sodium ions obtained from a brine solution.

Our SF range of standard water softeners are manufactured using high quality GRP vessels and Pentair Autotrol Valves. Apart from our we carry different and much larger systems to suit your needs. Other valves including SAITA™, FLECK™, and ERIE™ are also available upon request.

We carry 2 softener model sizes appropriate for domestic use, the SFC008T (8L Cabinet) and the SFC021T (21L Cabinet). Both models are available with either time or water volume controls. The size of the model which suits your needs depends on the hardness of your water and the volume of water used per day. We can test your water and advise you on which model is the most appropriate for you.

Model	SFC008T Chronometric	SFC008V Volumetric	SFC021T Chronometric	SFC021V Volumetric
<b>Description</b>	8 ltr cabinet	8 ltr cabinet	21 ltr cabinet	21 ltr cabinet
<b>Capacity in m<sup>3</sup>F<sup>o</sup></b>	40 – 50	40 – 50	100 – 120	100 – 120
<b>Dimensions in mm</b>	240 x 435 x 440	240 x 435 x 440	320 x 500 x 1140	320 x 500 x 1140
<b>Controls</b>	Time	Volume	Time	Volume
<b>Selling Price (Model without Cover)</b>	€ 509	€ 595	Not Available	Not Available
<b>Selling Price (Model with Cover)</b>	€ 553	€ 620	€ 631	€ 717

**NOTES:**

- These items are usually available from stock
- These models come with 3/4" with mixer type connection and Autotrol 255/740 valve.
- Other valve types available on request.
- Other sizes available upon request, up to a maximum mean capacity of 12,000 m<sup>3</sup>F<sup>o</sup> per vessel (with GRP vessels), suitable for industrial purposes. Contact us if you need an industrial water softener solution

For further information contact OUR local agent or our manufacturing facility:

local agent

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