



# portaSOFT

## TECHNICAL SPECIFICATIONS

Model	Portasoft
Operating pressure min/max (bar)	1,4 / 8,3
Operating temperature min/max (°C)	2 / 48
Hydraulic connection inlet/outlet	¾" BSP Male

## PERFORMANCES<sup>(1)</sup>

Model	Portasoft	
Resin	6	9
Nominal exchange capacity (m³x°f)	21	32
Nominal exchange capacity (m³x°d)	12	18
Salt usage per regeneration (kg)	0,9	1,4
Maximum service flow (m³/hr) <sup>(2)</sup>	0,6	0,9
Rinse water usage per regeneration (Ltr)	47	49

<sup>(1)</sup> Indicative numbers, performances depending on operating conditions and water quality

<sup>(2)</sup> Limited by integrated flow control

## DIMENSIONS & WEIGHTS

Model	Portasoft	
Resin	6	9
Width, softener module (mm)	225	
Height, softener module (mm)	495	595
Depth, softener module (mm)	245	
Weight, softener module, dry (kg)	9,4	13,2
Weight, softener module, wet (kg)	12,9	18,0
Width, salt tank (mm)	290	
Height, salt tank (mm)	435	
Depth, salt tank (mm)	310	
Maximum salt storage capacity (kg)	25	

erie water treatment  
a division of **Aquion, Inc.**

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THE MOST COST-EFFICIENT  
AND EASY-TO-USE SOLUTION  
FOR HARD WATER PROBLEMS  
IN HEATING CIRCUITS!

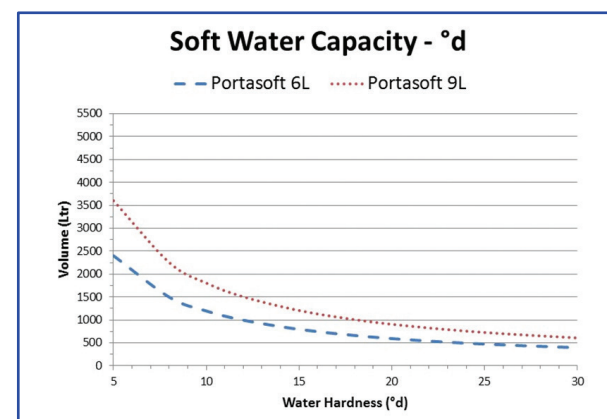
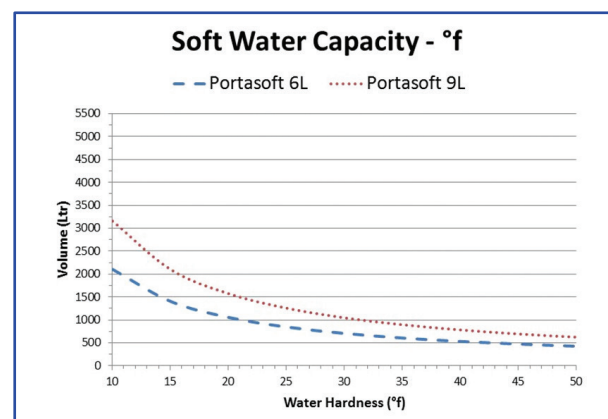




## Ultra-compact portable water softener

With the Portasoft Series, **erie water treatment** offers a portable water softener, **specifically developed for the professional heating installer**. The ultra-compact softener module is equipped with a convenient carrying handle that at the same time serves as protection for the control valve; together with the heavy-duty rubber base and bumper band the Portasoft offers **unrivalled ruggedness and durability even in the toughest environments**. The separate salt tank can be stored in the workshop, and only needs to be hooked up to the softener module sporadically when the softening resin is exhausted and needs to be regenerated.

Unlike cartridges, that need to be replaced or returned regularly, the Portasoft **can easily be regenerated** by the installer, making it the most cost-efficient and easy-to-use solution for hard water problems!



Portasoft: a cost-efficient and practical solution to keep heating systems in optimal shape!

You want your heating installation to maintain its optimal efficiency and reliability? Use softened water!

The current modern heating installations include sophisticated appliances such as **high-efficiency condensing boilers**, **high-precision measuring sensors** and **mixing valves**, etc. Scale, as a result of the use of hard water, will slowly but surely influence the functioning of these appliances.

Scale deposit...

- > inside a heat exchanger dramatically reduces the efficiency of the heat transfer process, resulting in increased energy consumption and CO<sub>2</sub> emission.
- > in any water using appliance reduces the effective open diameter, limiting its flow rate and causing flow noise, ultimately even blocking it completely.
- > is an ideal breeding ground for corrosion.

Softening, through ion exchange, of the filling water of the primary closed circuit of a heating installation, is a **proven, reliable and efficient** method to prevent this harmful scale build-up!

## features & benefits

- > Heavy-duty design;
- > Ultra-compact dimensions for easy manipulation, carrying and storage;
- > Comfortable resin volume for large softening capacity/autonomy;
- > Premium-grade softening resin, using packed bed & upflow regen technology for superior performance;
- > Convenient 3/4" BSP Male in/out connections;
- > Separate salt tank can be stored in the workshop for periodic regeneration;
- > Non-electric semi-automatic TWISTER™ control valve, for simple 'turn-button' sporadic regeneration;
- > Incorporated mixing valve, to enable adjustment of residual hardness;
- > Stop valves installed at in- and outlet;
- > Integrated flow control.

The Portasoft Series is available in the following configurations:

- > 8x13 tank with 6 Ltr resin
- > 8x17 tank with 9 Ltr resin

