

Water Softener Type K20

The main benefit of installing a water softener on a yacht is the lowered risk of calcium build-up in water heaters, heat exchangers, piping and hydrophore tanks. The removal of hardness (calcium and magnesium) is done through the exchange of sodium ions preventing the production of mineral-hungry water, which can be detrimental to health and equipment.

The HEM K20 Water Softener has a built-in water meter, which enables it to operate “on demand” based on actual water usage. Therefore, the regeneration cycle takes place automatically, as and when required, without interruption or inconvenience.

The water softener is designed with twin tanks which means that when one tank needs to regenerate, service automatically switches to the other tank. This ensures a continuous supply of soft water 24 hours a day, even during the regeneration process.

Features

- Ion exchange prevents the production of corrosive, mineral-hungry soft water.
- On Demand Operation - automatically adjusts to actual water usage.
- Continuous water supply, even during regeneration, due to twin bottle design.
- Counter current regeneration reduces salt and water usage.
- Hydraulic Energy - Nothing to plug in, no electrical connection or timers – it runs itself!

Version to fix



Portable version

(Can be padlocked if placed on the dock)



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Product Specifications

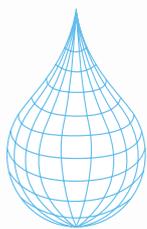
The system in standard configuration is designed to handle hardness levels of up to 35 French degrees of Hardness.

Certified flow rate (1bar) :	2.06 m ³ /h - 34.4 lpm
Peak flow rate (2 bar) :	3.45 m ³ /h - 57.5 lpm
Resin per tank :	4.5 L
Max pressure :	8.6 bar
Minimum pressure :	1.5 bar (regulated)
Regeneration time :	11 minutes
Water used during regeneration :	19 litres
Back wash flow :	3.8 litres / min
Salt capacity :	18.1 kg
Pipe connections in/out :	1" Female
Operating temperature :	2 - 50°C
Power consumption :	none

Note: The shore pressure should be at least 3 bar at 1m³/h for the system to operate correctly.

Dimensions

Version	Dimensions (Length x Depth x Height) mm		Dry weight without salt tabs kg	
Fixed	Front Panel 460X169x340	Tank 360X360x525	Front Panel 6	Front Panel 27.2
Portable	496X534x670		36	



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