

HEM Water Softener Type K60

The K60 Water Softener system is designed to be fitted in the tank filling pipe from the shore to the ship's storage tank. The maximum continuous flow for the unit is 2.6 m³/h or 62.4 m³/24 hrs.

Hard water from a shore supply often results in white spots on windows and scaling on heater elements making laundry tasks less efficient. The purpose of these softener systems is to remove some of this hardness as water is taken onboard.

The twin tank design of the HEM K60 Water Softener 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.

The HEM K60 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 unit requires a pressure of 1.5 bar to operate correctly. A manifold with pressure regulator, valves and pressure gauges is installed to regulate the pressure in the system in order to maintain 1.5 bar. If the shore pressure is very low, the system may not work correctly as it will not be able to regenerate.

The hardness, (calcium and magnesium ions) are exchanged for sodium ions in the softening process, and therefore the separate salt tank requires periodic refilling with salt tablets.

HEM K60 Water Softeners are powered by the energy of the moving water; not by electricity. Consequently there is no wiring to connect, no buttons to push or timers to set, or any adjustments to make.



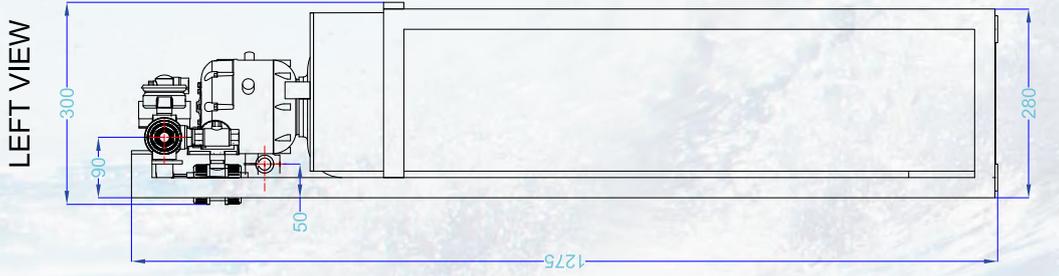
Technical Details

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

Dimensions:	See dimensions drawing
Certified flow rate (1 bar):	2.6 m ³ /h - 43.5 lpm
Peak flow rate (2 bar):	4 m ³ /h - 68.1 lpm
Resin per tank:	19.8 L
Max pressure:	8.6 bar
Minimum pressure:	1.5 bar (regulated)
Regeneration time:	45 minutes
Water used during regeneration:	132 litres
Back wash flow:	7.6 litres / min
Salt capacity:	50 kg
Pipe connections in/out:	1"
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



SPACE REQUIREMENTS	
LEFT/RIGHT :	N/A
TOP :	300mm
BACK :	N/A
FRONT :	800mm

WEIGHT: 77 Kg

