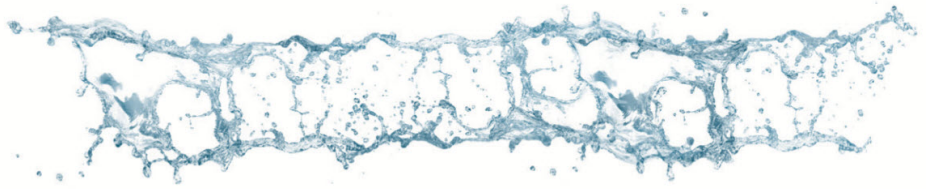


WATER SOFTENERS: SOFTSTAR SXT

Tap water is used in every home and business for many purposes, where the removal of unwanted substances from the tap water is often desirable. To prevent the most common problems due to the presence of hardness of the water, softening by means of the principle of ion exchange remains the most reliable solution. The benefits of softened water are numerous, such as extended life time of boilers, no heat losses caused by limescale in heating systems and savings on unexpected, time-consuming maintenance, often with harsh detergents. The Lubron range of softeners is equipped with food grade softener resin, making them suitable for consumer applications.

The SOFTSTAR SXT is suitable for small water consumers such as dishwashers and coffee machines and is suitable for a maximum capacity of 350 litres/hour.





LAYOUT

The SOFTSTAR SXT houses both the resin tank and the salt container in a single, small plastic cabinet. The softener is controlled by means of a resin tank-mounted patented control valve and includes an integrated valve to allow the required setting of residual hardness to be made. The regeneration of these water softeners can be performed in two different ways, on the basis of time (SXT version) and by volume (SXT2 version). Available options are:

- Bypass valve to allow isolation of the softener without stopping the flow of water to service.
- Particle filter in the supply line to the water softener for added protection against dirt accumulation in the resin core.
- Double check valve for preventing contamination of drinking water caused by reverse flow.
- SALTO brine alarm to monitor the brine concentration in the salt container.

PRODUCT SPECIFICATION

MODEL	Flow capacity l/h	Nominal capacity at 180ppm CaCO ₃		Salt consumption per regeneration		Pressure drop at flow capacity bar	Resin content litres	Brine compartment capacity kg	Dimensions W x L x H (mm)
		Min (m ³)	Max (m ³)	Min (kg)	Max (kg)				
SOFTSTAR SXT	350	1.5	2.3	0.5	1.5	0.12	7	25	25 210 x 400 x 690
SOFTSTAR SXT 2	350	1.5	2.3	0.5	1.5	0.12	7	25	25 210 x 400 x 690

Dimensions shown are for reference only. Contact Lubron for certified drawings.

TECHNICAL INFORMATION	P and ID OF SOFTSTAR CLASSIC
Water connections Water in 3/4" BSP male Water out 3/4" BSP male Drain 14 mm hose connector	
Allowable water temperature 5 - 40°C	
Allowable water pressure Min: 2.0 bar Max: 7.0 bar	
Electrical connections 230 V, 50 Hz	
Legend 1. Backflow prevention device 2. Integrated mixing bypass	

LUBRON UK LIMITED reserve the right to change equipment specification without prior notice, as part of our continuous product development programme.



LUBRON UK LTD
 Lubron House
 8 Challenge Way, Hythe Hill
 Colchester, Essex CO1 2LY
 Tel: +44 (0)1206 866444
 www.lubron.co.uk