

BWT WS Series Water Softeners

Models: WS 655 and WS 755

A concise range of technically advanced high quality, high specification, ion exchange water softeners, designed and developed for applications requiring larger amounts of softened water between regenerations whilst retaining a modest footprint. Efficient and fully automatic, the WS range of water softeners are easy to live with. Once installed and commissioned, there is little else to do other than periodically topping up the unit with salt.

Standard Features

- Large softened water capacity
- Fully automatic operation
- Low running cost
- Easy to set up
- Simple to install and service
- Integral brine tank
- Space saving footprint just 480mm x 270mm
- WRAS approved



Model Number	WS 655	WS 755
Resin Volume in Litres	20	25
Maximum exchange capacity litres @ 300ppm	3333	4167
Flow rate min / service / peak (l/m)*	10/25/30	10/25/30
Flow rate min / service / peak (l/m) (High Flow)*	10/30/50	10/30/50
Salt used per regeneration min / max (kg)**	0.9 - 2.5	1.2 - 3.0
Water used per regeneration (litres)**	<125	<145
Min / max pressure (Bar /MPa)	1.7 - 5 / 0.17 - 0.5	
Dimensions H x D x W (mm)	804 x 480 x 270	
Inlet / outlet connections BSP	3/4"	
Drain connection (tube)	1/2"	
Install Kit	15mm hoses and valves	
Electrical supply / transformer	220V AC / 12V DC	
Salt storage capacity - Tablet Salt (Kg)	24	

* Flow rates from 10 litres and up to the peak flow rate stated. At flow rates under 10 litres per minute, the hardness may not be effectively removed from the water. If peak flow rates are sustained for longer than ten minutes, the softener capacity may be reduced, resulting in hard water breakthrough. **The proportional brining control system calculates the exact amount of water and salt required to regenerate the water softener. The amounts used will vary depending on the remaining capacity of the resin bed.

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