

Water softened by ion exchange will normally comply with the requirements of the Water Quality Regulations and therefore meets the wholesomeness criteria. But for a very hard water supply (above 425 mg/l), the softened water may exceed the sodium limit of 200 mg/l and so the revised Approved Document defines “*softened wholesome water*” which is water softened by ion exchange and meets all of the requirements of the Water Quality Regulations with the exception of sodium level, and which is suitable for all domestic applications other than drinking or cooking.

Note: The Water Supply (Water Fittings) Regulations⁴ require that “all premises supplied with water for drinking purposes shall have at least one tap conveniently situated for the drawing of drinking water”. Softened water normally meets the drinking water (wholesomeness) criteria and the WRAS Information and Guidance Note for Softeners⁵, which UKWTA was instrumental in drafting, acknowledges this and stresses that provision of a hard water tap is essential where the softened water exceeds 200 mg Na/l.

* Reference documents:

1. Approved Document Part G
http://www.planningportal.gov.uk/uploads/br/100312_app_doc_G_2010.pdf
2. Water Supply (Water Quality) Regulations 2000
<http://www.opsi.gov.uk/SI/si2000/20003184.htm>
3. Water consumption calculator
<http://www.wreplc.co.uk/PartGCalculator/Default.aspx>
4. Water Supply (Water Fittings) Regulations 1999
<http://www.opsi.gov.uk/si/si1999/19991148.htm>
5. WRAS IGN on Softeners
http://www.wras.co.uk/PDF_Files/IGN9-07-01.pdf

***UKWTA Member Softeners
Meeting the Part G Regenerant Water Usage
at 300 mg/l water supply hardness as CaCO₃**

Note: for the Part G water calculator the manufacturer of the water softener must supply the regenerant water volume and the softened water produced between regenerations at the hardness level of the supply to the dwelling.

MANUFACTURER	Model
Culligan	Waterside MC 350 Waterside MC 450 Waterside MC 550 Aquadial Prismertec Aquadial Prismertec 2 Water Genie CWG10 4B Water Genie CWG10 4T Water Genie CWG14 4B Water Genie CWG14 4T Permutit PSM 65v ² Permutit PST 65v ²
EcoWater	ESM9+ ESM11+ ESM15+ 3500 R30 3502 R70
Harvey Softeners	Harvey's Block Salt Softener HV3 Harvey's 1"

Kennet	Laser Delta Escalda Delta Tibera Delta Mosela
Kinetico	
Monarch	MiniAqua Midi Master Plumbsoft PS12 Plimbsoft Solo Plumbsoft Solo Ultra
Patmore Water Softeners	TwinTec Block Salt Softener S3 TwinTec XL2 TwinTec XL3
Scalemaster	Softline 100 Softline 100t Softline 150 Softline 200 Softline 200t Softline 450
Softener Supplies	MiniMax M2 MiniMax 1"
Tapworks	Ultra 9 AD11 AD15 NSC 40 UD1