



Intelligent answers to hard water problems

EcoWater softeners are intelligent, sophisticated appliances that save you money and give you peace of mind. As the world's leading manufacturer of water softeners, our technology is relied upon by more than 2 million customers in hard water areas. Unique EcoWater features ensure a host of benefits for anyone looking for a soft water solution, including:

Efficient – to save you money

- Patented EcoWater technology ensures optimum performance, using significantly less salt and water than conventional softeners
- Smart technology accurately monitors water usage and adapts to your needs, ensuring softened water is always available on demand.
- High performance advanced resin allows for compact, space saving units with a high softening capacity
- High flow rates and low pressure loss are ideal for today's modern properties



ESM9+



ESM11+

Packed with powerful features, these high capacity units are small enough to fit into standard kitchen cupboards.

Reliable – to give you peace of mind

- 72-hour power loss back-up protects the softener's memory during power cuts
- Durable and reliable heavy-duty Teflon coated rotary valve
- Strong high density salt storage cabinet with wide access opening for easy salt loading
- Reinforced fiberglass resin tank, pressure tested up to 8.6 bar with a 10 year replacement warranty (excluding labour)
- Overflow and double safety shut-off valve for added security
- 24 volt transformer for safer electrical supply

Sustainable – to save on carbon emissions

- EcoWater is one of the UK's carbon neutral companies
- An EcoWater softener can reduce your carbon footprint, saving you money in the process and benefiting the environment

Intelligent – to put you in control

- Easy to use controls, with information at your fingertips
- Unique capacity bar shows at a glance how much softening capacity remains
- Rolling screen provides continuous up-to-date information on the performance of your softener
- EASE telephone diagnostics facility allows the performance of your softener to be checked remotely
- HydroLink™ wireless remote provides access to control features and status information (comes as standard with 3500 series, optional on all other models)



ESM15+

This powerful, feature-packed unit offers greater salt storage and will fit under a kitchen worktop if desired.



3500 R30

This model offers high capacities suitable for both households and commercial locations.

HydroLink™ Wireless Remote

Provides control and access to your softener's features and information including status, salt level and the ability to recharge remotely

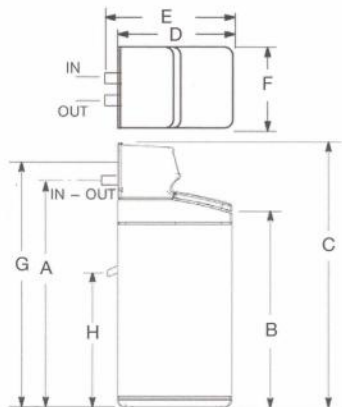


Specification Data

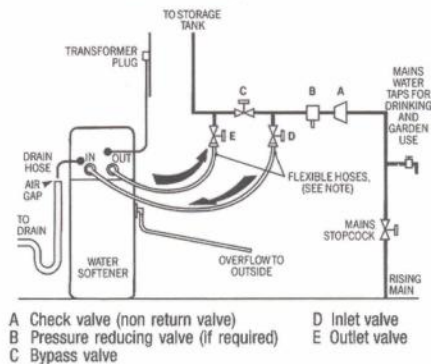
Installation

Units should be installed in accordance with regional WRC regulations. If the daytime pressure exceeds 4.76 bar, a pressure reducing valve is recommended.

Note: Maximum flow rates are calculated using 22mm copper pipe. Unvented systems and combination boilers which require high flow rates can be installed using 22mm or 28mm pipework as required. Flexible hoses for higher flow rates are available with 3/4" BSP and 1" BSP connections.



TYPICAL INSTALLATION DIAGRAM (SOFTENER VIEWED FROM REAR)



WATER SOFTENER SPECIFICATIONS	ESM9+	ESM11+	ESM15+	3500 R30
A: Inlet/outlet height	415mm [16½"]	532mm [21"]	700mm [27½"]	1003mm [39½"]
B: Height to salt lid	291mm [11½"]	414mm [16¼"]	575mm [22¾"]	825mm [32½"]
C: Total height	552mm [21¾"]	668mm [26¼"]	838mm [33"]	1143mm [45⅝"]
D: Depth	430mm [17"]	430mm [17"]	430mm [17"]	508mm [20"]
E: Total depth including connectors	463mm [18¼"]	463mm [18¼"]	463mm [18¼"]	595mm [23½"]
F: Width	325mm [12¾"]	325mm [12¾"]	325mm [12¾"]	355mm [14"]
G: Drain height	460mm [18⅝"]	584mm [23"]	756mm [29¾"]	1010mm [39¾"]
H: Overflow height	224mm [8⅞"]	305mm [12"]	469mm [18½"]	730mm [28¾"]
Resin volume	9.9 litres	10.5 litres	14.7 litres	25 litres
Salt used per regeneration (proportional)	0.39–1.54kg	0.42–1.63kg	0.7–3.76kg	0.73–5.12kg
Water used to regenerate resin bed	45 litres	49 litres	52 litres	166 litres
Maximum daytime working pressure	4.76 bar [70psi]	4.76 bar [70psi]	4.76 bar [70psi]	4.76 bar [70psi]
Recommended minimum daytime working pressure	1.7 bar [25psi]	1.7 bar [25psi]	1.7 bar [25psi]	1.7 bar [25psi]
Maximum flow rate (peak)	56.7ltr/min	53.3ltr/min	51.7ltr/min	84ltr/min
Flow rate with 1 Bar pressure drop (litres per minute)	36.2	32.8	31.7	56
Inlet and outlet connections	¾" BSP male	¾" BSP male	¾" BSP male	1" BSP male
Drain and overflow connections	¾" hose spigot	¾" hose spigot	¾" hose spigot	½" hose spigot
Weight excluding water and salt	17kg	18kg	19kg	48kg
Salt storage capacity	20kg	32kg	45kg	90kg
Maximum softened water capacity @ 300ppm	1690 litres	2400 litres	3667 litres	6520 litres

HYDROLINK™ WIRELESS REMOTE	
Wireless range	30m/100ft plus (dependent on structural and environmental conditions)
Power supply	Requires 3 x AA batteries

ALSO AVAILABLE ECOWATER DRINKING WATER SYSTEMS

