



WATER SOFTENERS

PROBLEM:

Excessive hardness in water due to high levels of calcium carbonate will cause scale buildup on pipes and particularly water heating elements. There will also be a difficulty getting soap and detergents to lather.

SOLUTION:

All these problems can be eliminated efficiently by installing an Automatic Water Softener. They utilise the ion exchange process where the calcium is replaced with the more soluble sodium. This is all done automatically using a timer control which allows the Water Softener resin bed to backwash and regenerate with a brine solution as required.

SOFTENER TANK

Polyethylene – moulded high density

OPTIONAL EXTRAS:

256 Bypass Valve: This fits directly onto the softener inlet/outlet and allows for bypass when soft water is not required such as watering the garden.

460 Commander: This is the microprocessor control which actually measures water usage so regeneration is only done when necessary.

Turbulator: This is fitted onto the resin tank riser pipe and allows turnover of the resin bed during backwash. This is highly effective for removing iron buildup from the resin bed.

SPECIFICATIONS

MODEL	TANK SIZE INCHES (D X H)	TYPICAL FLOW RATE (LITRES/MIN)	INLET/OUTLET (INCHES)	RESIN MEDIA LITRES
Small	7" x 35"	20	1"	15
Medium	9" x 35"	30	1"	25
Large	10" x 54"	40	1"	50
Jumbo	12" x 52"	60	1"	75

Minimum/Maximum Operating Pressure 138kpa (20psi) / 680kpa (100psi)



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