

## GENERAL INFO

## COMMERCIAL AND INDUSTRIAL WATER SOFTENERS

The Puretec SOL-C Series softens water by removing hardness ions, calcium and magnesium.

Hard water is water that contains dissolved minerals such as limestone, lead, iron, sulphur, calcium and magnesium. If these minerals are not removed from your water, they will cause scaling, eventually blocking plumbing and shortening the life of appliances. These elements are not always easily detected, but numerous negative effects can be unpleasant and costly.

The Puretec SOL-C Series achieves long life of the filter bed through regeneration using brine solution which can be operated through timer or volume wwbased control valves.

## FEATURES & BENEFITS

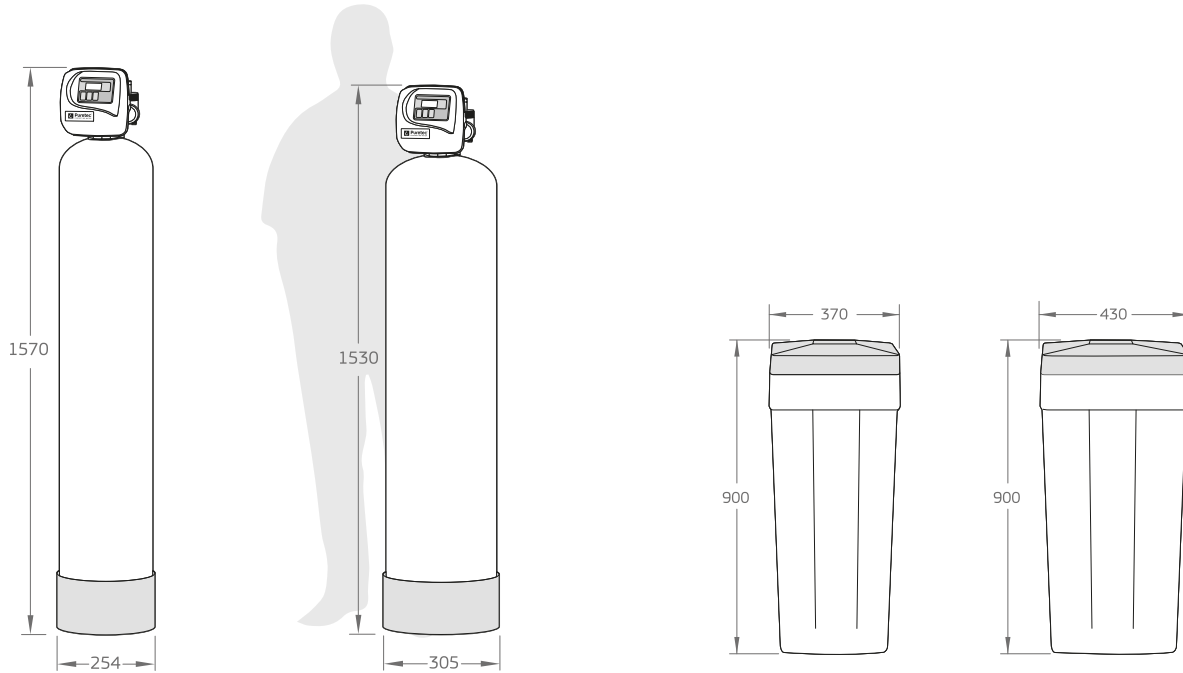
- Large capacity separate resin and brine tank.
- Fully automatic operation. Just add salt.
- Weather resistant cover for controller.
- Weather proof transformer.
- Optional bypass valve available (WTV5000).
- 1" connections means minimum pressure loss.
- Stores system configuration and operation data in non-volatile memory.
- Can also remove traces of metals such as copper, lead and manganese.



Ordering Code:	SOL45-E1	SOL60-E1	SOL45-E3	SOL60-E3
Valve:	Automatic E1-matic	Automatic E1-matic	Volumetric E3-matic	Volumetric E3-matic
Service Flow Rate:	45 Lpm	60 Lpm	45 Lpm	60 Lpm
Maximum Flow Rate:	90 Lpm	100 Lpm	90 Lpm	100 Lpm
*Capacity	28,000 litres	39,000 litres	28,000 litres	39,000 litres
Inlet / Outlet / Drain Connections:	1" Male BSPT, 3/4" Drain	1" Male BSPT, 3/4" Drain	1" Male BSPT, 3/4" Drain	1" Male BSPT, 3/4" Drain
Min/Max Operating Pressure:	138 - 862 kPa	138 - 862 kPa	138 - 862 kPa	138 - 862 kPa
Operating Temperature:	5 - 40°C (41 - 104°F)	5 - 40°C (41 - 104°F)	5 - 40°C (41 - 104°F)	5 - 40°C (41 - 104°F)
Power Supply:	230V AC / 50 Hz	230V AC / 50 Hz	230V AC / 50 Hz	230V AC / 50 Hz
Warranty:	1 year <sup>^</sup>	1 year <sup>^</sup>	1 year <sup>^</sup>	1 year <sup>^</sup>
Replacement Media Kits:	RMK-SOL45	RMK-SOL60	RMK-SOL45	RMK-SOL60
Optional Accessories:	<b>WTV5090</b> - Micro switch for automation of external equipment. <b>WTV5000</b> - Bypass assembly for testing, and maintenance. <b>PTE30</b> - Hardness test kit		<b>WTV5050</b> - Blending valve for partial hardness removal <b>SS5000</b> - SoftenerSafe Media, 5 litres	

*Note: Chlorine (free chlorine) tolerance is 1ppm - high chlorine levels permanently damage the softening resin & is not covered under warranty. If chlorine exceeds this limit, we recommend a carbon pre-filter such as the WH2 or CFS Series. Please refer to Puretec for a specific recommendation. In any case, a carbon pre-filter is recommended to protect against chlorine spikes & prolong the resin life. \*If pressure exceeds 500kPa an approved pressure limiting device needs to be fitted.*

**PRODUCT DIMENSIONS** Measurements in Millimetres (mm)



SOL45-E1 & SOL45-E3

SOL60-E1 & SOL60-E3

BRINE TANK FOR SOL45 & SOL60 SERIES

**ADDITIONAL INFORMATION**

\*Capacities are based on a hardness of 100ppm. The flow rate while the filter backwashes, needs to be equal to the stated service flow to maintain proper backwash functionality, which is critical for optimum performance of filtration systems.

Backwashing is an essential preventative maintenance procedure for these systems in order for filter media to be regenerated, and to ensure the system is functioning correctly. Any spent backwash water is discharged, without treatment, down the drain. For any further information or system-specific volumes, please contact Puretec.

**Note:**

1. No claims can be made based on the specifications and images in this document. The design, technology, colours, features and prices are subject to change.
2. This document and all its contents are copyright protected. All rights are reserved, particularly alteration, translation and reproduction using electronic systems.
3. ^Warranties in this document cover parts for the period stated and include 1 year cover for labour for the first year where applicable, subject to approval. Our Water Treatment Specialists can provide you with advice to suit your needs.