



SOFTENERGEEKS

Commercial Simplex Water Softener Range

We are pleased to introduce a new range of softeners for either large domestic or small commercial applications.

The salt tank can be sited remotely from the softener allowing for flexibility of installation. Softeners are supplied with $\frac{3}{4}$ " connections but 1" connections are also available.

A simple push bypass is supplied to ease installation.

The range consists of four models, with capacity from 2400 ltrs (15 people) per day up to 8300 ltrs (50 people) at 21 degrees Clarke.

Each softener can be equipped with either time control, mechanical meter or electronic meter. High quality solvent free, food grade resin is used throughout and there is a manual regeneration override on all models.

Installation requirements:

Water pressure: 20-70 psi.

Operating temperature: 2-49C.

Drain and overflow facility.

220v 3pin socket or fused spur.

(See installation instructions for full details).

Installation Specification:

Suitable for all types of plumbing systems.

A 22mm installation kit is included along with a hardness test kit.

Control Approvals: NSF/ANSI 44, CE, RoHS, ISO 9001



Simplex Range Specifications

Model	15	30	40	50
Electronic Meter 24V	AT515	AT530	AT540	AT550
Mechanical Meter 240V	AT315	AT330	AT340	AT450
Timeclock 240V	AT215	AT230	AT240	AT250
Resin Volume	15	30	40	50
Service flow M ³ /hr @ 1 bar drop	2	2.5	3	4
Ltrs Capacity @ 21 dg Clarke	2400	5010	6600	8300
Brine Tank (ltrs)	25	70	100	100
Backwash flow (lpm)	4.5	5.6	9	9
Rinse flow (lpm)	1	1.6	1.6	1.6
Injector	0	1	1	1
BLFC	0.25	0.25	0.25	0.5
DLFC	1.2	2.4	2.4	2.4
Regen cycle (mins)				
Electronic Meter 24V	48	71	78	83
Water use ltrs	60	120	140	160
Mechanical Meter 240V	120	120	120	120
Water use ltrs	120	120	120	120
Timeclock 240V	120	120	120	120
Water use ltrs	120	120	120	120
Brine fill ltrs	5.5	11	14.5	18
Salt use (kgs)	1.8	3.6	4.8	6
Dimensions				
Vessel size inches	10 x 17	10 x 35	10 x 44	10 x 54
Brine tank mm (H x Dia)	440 x 285	815 x 400	875 x 460	875 x 460
Total height mm	614	1073	1301	1561
Distributor tube	1"	1"	1"	1"
Inlet/outlet thread	3/4" or 1"	3/4" or 1"	3/4" or 1"	3/4" or 1"
Drain connection	1/2" Barb	1/2" Barb	1/2" Barb	1/2" Barb



Dimensions

Model	15	30	40	50
A	440	815	875	875
B	285	400	460	460
C	270	270	270	270
D	614	1073	1301	1561