

Water Softeners

Compact, Duomatic, SoftStar and Miniline Series



The Miniline, SoftStar, Compact and DuoMatic water softeners are proven quality engineered simplex units designed for smaller applications. All have a fully automatic regeneration control valve, activated either by timer or integrated water meter depending on selected option.

Timer-controlled units are ideal when daily soft water requirement is relatively constant. They are set to regenerate at intervals of one or more days and this occurs at 2am when water pressure is usually high and consumption low.

Meter controlled models are ideal when daily water requirements are variable. The generation cycle occurs when the set capacity for producing soft water is reached - useful when water and salt consumption must be kept to an absolute minimum.

All models can be fitted with the latest electronic ES valves which offer even greater control and efficiency. All use food grade high efficiency ion exchange resin compliant with EC Directives for water used for food and drink manufacturing.

Cabinet models are delivered pre-filled and tested ready for installation and set-up. Similarly pre-filled and tested, the Duomatic range are ready for final assembly and commissioning.

TECHNICAL INFORMATION

Electrical requirements	240V, 50 Hz
Power consumption	4 W
Pipework connections	1" BSPF
Feed water pressure	Minimum 2 bar Maximum 7 bar
Maximum water temperature	40° C

OPTIONS

	Timer controlled	Meter controlled	Electronic SE controller	Brine safety valve	Integrated by-pass valve	Hard water blend valve	Safety plug	24v (transformed) electrics available
MINI LINE	✓	✗	✗	✗	✗	✓	✓	✓
SOFTSTAR	✓	✗	✗	✗	✗	✓	✓	✓
COMPACT	✓	✓	✓	✓	✓	✓	✓	✓
DUOMATIC	✓	✓	✓	✓	✓	✓	✓	✓

PRODUCT RANGE

Type	Maximum Flow Rate l/h	Nominal Capacity ¹ at 200ppm CaCO ₃ m ³	Typical Salt Use ² per generation kg	Pressure Loss bar	Resin Volume litres	Salt Storage kg	Overall Dimensions H x W x D cm
MINILINE	160	1.0	0.8	0.05	4	15	52 x 23 x 42
SOFTSTAR	280	2.2	1.2	0.15	7	25	68 x 21 x 40
COMPACT							
C30	400	2.6	1.3	0.14	8	30	67 x 32 x 56
C50	750	4.8	2.5	0.40	15	80	113 x 32 x 56
C80	1100	7.1	3.7	0.54	22	75	113 x 32 x 56
C110	1500	9.6	4.6	0.47	30	70	113 x 32 x 56
DUOMATIC							
T45	520	4.2	2.2	0.15	1.3	100	109 x 62 x 41
T100	1120	9.0	4.7	0.25	28	100	110 x 67 x 41
T150	1680	13.5	7.2	0.51	42	100	130 x 67 x 41
T200	2240	18.0	9.5	0.92	56	215	156 x 82 x 57
T250	2800	23.5	11.9	0.93	70	215	143 x 87 x 57
T300	3400	26.0	14.5	1.30	85	215	156 x 90 x 57

¹ Typical values ² Normal standard setting