

ELGA PROCESS WATER

XL360

Water Softeners

Producing up to 44 m³/hr of softened water



The XL360 range of water softeners produce softened water for a variety of process and general manufacturing applications.

Flow rates up to 44 m³/hr.

Features & Benefits

- Simple to programme and use; regeneration automatically controlled and initiated
- Latest uniform size resins for optimum performance; high efficiency, low salt usage
- Control module provides interface with valves, pumps and level switches; full system integration and operational flexibility
- 24 volt operation; safe installation, operation and maintenance
- Automatic valve; prevents hard water to service during regeneration

Options

- Choice of simplex or duplex system; tailored to customer requirements
- Choice of timeclock or watermeter operation

Applications

Variety of process and general manufacturing applications.

AQUAservice

Our service and maintenance agreements provide flexible options, to ensure your system is operating to optimum performance.

Salt

Our Premium Grade tablet salt is designed for all water softeners, and recommended for those supplied by ELGA Process Water.

XL360

System Performance

Model		XL-500	XL-700	XL-1000	XL-1250
Maximum Treated Water Flow	m ³ /hr	21	27	35	44
Minimum Treated Water Flow	m ³ /hr	5.5	6.8	8.8	11
Regeneration Time	minutes	88	87	102	110
Maximum Flow to Drain	m ³ /hr	3.8	5.1	7.0	9.4
Effluent Volume	m ³	3.3	4.8	6.5	8.1
Pressure Loss at Maximum Flow	bar	2.0	2.0	2.0	2.0
Salt Usage per Regeneration	kg	55	77	110	137.5

Volume of Softened Water Per Regeneration

Model		XL-500	XL-700	XL-1000	XL-1250
Raw Water – Soft 100mg/l	m ³	286	402	574	716
Raw Water – Average 200mg/l	m ³	143	201	287	358
Raw Water – Hard 400 mg/l	m ³	71.5	100.5	143.5	179

System Dimensions, Weights & Connections

Model		XL-500	XL-700	XL-1000	XL-1250
Softener Height	mm	2205	2450	2770	2805
Softener Diameter	mm	760	910	1060	1220
Salt Tank Height	mm	1205	1205	1240	1240
Salt Tank Diameter	mm	820	980	1360	1360
Recommended Headroom	mm	900	900	900	900
Approx. Shipping Weight	kg	885	900	1200	1600
Approx. Service Weight	kg	2400	2850	3500	4500
Inlet	Inches	2	3	3	3
Outlet	Inches	2	3	3	3
Drain	Inches	1½	1½	1½	1½
Salt Tank Overflow	Inches	1	1	1	1

Treated Water Quality

Hardness
<5mg/l as CaCO ₂

Material Specifications

Pressure Vessels	Composite, HDPE & GRP
Resin	Uniform bead size
Control Valve	Glass reinforced ABS
Salt Tank	Polyethylene

Feed Water Supply Quality

Water free from iron, suspended solids and <1pm, free Chlorine.

Supply Pressure: min. 2 bar max. 6 bar

Temperature: min. 5°C max. 35°C

Electrical Supply

Input to controller 230V, single phase, 50Hz

Output to control valve 24V, single phase 50Hz

For higher flow rate applications consult ELGA Process Water

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