

WATER SOFTENERS: SRHF DWZ SERIES

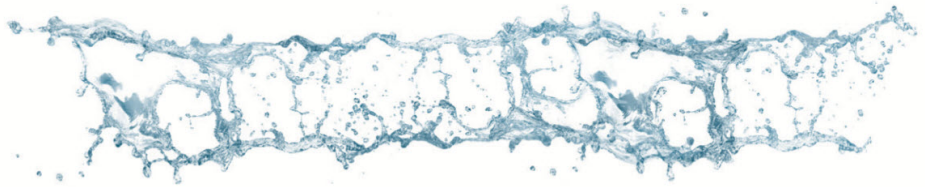


Senior High Flow automatic water softeners are a range of quality engineered units designed for the efficient production of soft water for all industrial and commercial requirements.

The control versatility and wide range of options ensures that these systems can be configured specifically for customer requirements and fully integrate with all on-site equipment.

Selection of durable and proven components ensures low maintenance and long life accompanied by the highest performance levels.

All softeners are supplied with pre-manufactured manifolds to ensure fast and simple installation ready for commissioning.



TECHNICAL INFORMATION

Normal configuration:	Duty standby or parallel operation of vessels as selected. Water meter regeneration initiation (with external contact, e.g. from hardness monitor alarm).
Connections:	Pre-assembled manifold in PVC with 2" BSPF connections.
Electrical requirements:	Normally 230 V, 50 Hz. Transformed to 24 VAC for valve actuation. Normal power consumption varies between 10 and 340 watts depending on status.
Feed water pressure:	Normal range under operating conditions 2 - 7 bar.
Maximum acceptable water temperature:	40°C at inlet.
Controls:	Multiport brass valve (or Noryl depending on requirements) with 24 VAC actuators, operated by remote microprocessor controller mounted on backboard for wall or pipework mounting providing: <ul style="list-style-type: none"> - Status indication - Water use and programme information - Alarm outputs - Programme over-ride capability
Resin vessel:	Polyethylene inner liner with GRP outer shell, fitted with internal riser and distribution system and food grade high capacity softening resin. Typical test pressure 11 bar.



OPTIONS

- Isolation valves
- By-pass
- Hard water blending valves
- Salt level monitor/alarm
- Pressure gauges
- Hardness monitor
- Salt storage facilities
- Bespoke brining systems
- Single or multiplex configuration as required
- Side mounted valves
- Service flow/level control system
- Electronic meter/pulse relay
- Noryl valves
- 110 or 24 V

Dimension layout - for reference only.
Contact Lubron for certified drawings.

PRODUCT RANGE

MODEL	Maximum flow rate	Nominal capacity* at 200ppm CaCO ₃	Typical salt use** per generation	Pressure loss	Resin volume	Salt storage	Overall dimensions
	m ³ /h	m ³	kg	bar	litres	kg	H x W x D (cm)
400 DWZ	4.8	38	20	0.8	120	307	194 x 169 x 72
500 DWZ	6.0	48	25	0.9	150	307	195 x 178 x 72
650 DWZ	8.0	65	34	0.9	200	307	200 x 190 x 72
800 DWZ	10.0	80	42	0.9	250	370	192 x 215 x 80
1100 DWZ	14.0	112	60	1.2	350	370	225 x 228 x 80
1600 DWZ	20.0	160	85	1.5	500	370	231 x 258 x 80

* Typical values ** Normal standard setting. LUBRON UK LIMITED reserve the right to change equipment specification without prior notice, as part of our continuous product development programme.



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