

## 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:

- status indication
- water use and programme information
- alarm outputs
- programme over-ride capability

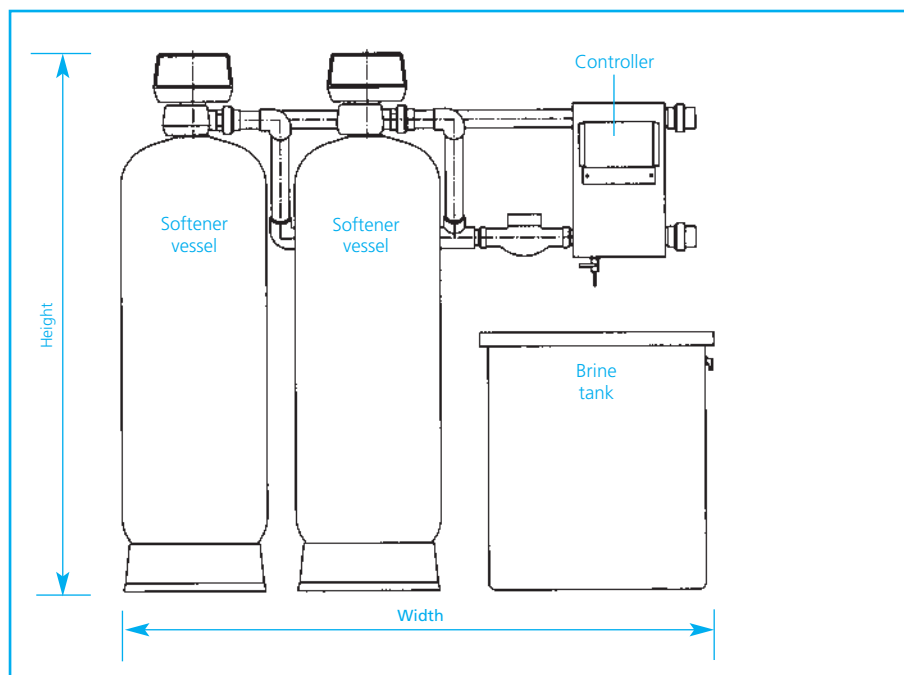
### Resin vessel

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.

## PRODUCT RANGE

Type	Maximum flow rate m <sup>3</sup> /h	Nominal capacity* at 200ppm CaCO <sub>3</sub> m <sup>3</sup>	Typical salt use** per generation kg	Pressure loss bar	Resin volume litres	Salt storage kg	Overall dimensions cm H x W x D
<b>SRHF</b>							
<b>400 DWZ</b>	4.8	38	20	0.8	120	307	194 x 169 x 72
<b>500 DWZ</b>	6.0	48	25	0.9	150	307	195 x 178 x 72
<b>650 DWZ</b>	8.0	65	34	0.9	200	307	200 x 190 x 72
<b>800 DWZ</b>	10.0	80	42	0.5	250	370	192 x 215 x 80
<b>1100 DWZ</b>	14.0	112	60	1.2	350	370	225 x 228 x 80
<b>1600 DWZ</b>	20.0	160	85	1.5	500	70	231 x 258 x 80

\* Typical values \*\* Normal standard setting



### Options available:

- Isolation valves
- By-pass
- Hard water blending valves
- Salt level monitor/alarm
- Pressure gauges
- Hardness monitor
- Salt storage facilities
- Bespoke brining systems
- Booster pump units
- Skid mounting
- Single or multiplex configuration as required
- Side mount valves
- Service flow/level control system
- Noryl valves
- 110 or 24 V

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