

Simplex Water Softeners



- Water Softening units available between 20 litres and 250 litres.
- Fitted with either Time Clock Clack Valves, or Metered Clack Valves to suit your needs.
- Can provide softened water for large households, farms and restaurants.
- Increases the effectiveness and lifespan of appliances such as dishwashers, washing machines and boilers.
- Prevents limescale build up on faucets, showerheads and inside pipework.

| <i>Resin Volume</i> | 20 Litres | 30 Litres | 40 Litres | 50 Litres | 60 Litres |
|-----------------------------------------------------------------|------------------|------------------|------------------|------------------|------------------|
| <i>Time Clock Valve Part No.</i> | WF0835TC-S1 | WF1035TC-S1 | WF1044TC-S1 | WF1054TC-S1 | WF1252TC-S1 |
| <i>Metered Valve Part No.</i> | WF0835CI-S1 | WF1035CI-S1 | WF1044CI-S1 | WF1054CI-S1 | WF1252CI-S1 |
| <i>Tank Size (inches)</i> | 8 x 35 | 10 x 35 | 10 x 44 | 10 x 54 | 12 x 52 |
| <i>Recommended Service Flow (m³/hr)</i> | 0.8 | 1.2 | 1.6 | 2.0 | 2.4 |
| <i>Volume Capacity between Regens @ 300 ppm (m³)</i> | 3.3 | 5.0 | 6.7 | 8.3 | 10.0 |
| <i>Brine Tank Volume (litres)</i> | 85 | 85 | 85 | 95 | 95 |
| <i>Salt Usage per Regen (kgs)</i> | 3.0 | 4.4 | 6.0 | 7.5 | 9.0 |
| <i>WS1 Injector Colour</i> | Violet | White | White | White | Blue |
| <i>WS1 Drain Line Flow Controller</i> | 017 | 022 | 022 | 027 | 042 |
| <i>Approx. Footprint D x W x H cm's</i> | 38 x 66 x 109 | 38 x 66 x 109 | 38 x 66 x 132 | 40 x 68 x 157 | 42 x 70 x 152 |
| <i>Approx. Regen Duration (minutes)</i> | 70 | 75 | 80 | 80 | 80 |

| Resin Volume | 75 Litres | 100 Litres | 150 Litres | 200 Litres | 250 Litres |
|-----------------------------------------------------------------|---------------|---------------|----------------|----------------|----------------|
| <i>Time Clock Valve Part No.</i> | WF1354TC-S1 | WF1465TC-S1 | WF1665TC-S1 | WF1865TC-S1 | WF2160TC-S1 |
| <i>Metered Valve Part No.</i> | WF1354CI-S1 | WF1465CI-S1 | WF1665CI-S1 | WF1865CI-S1 | WF2160CI-S1 |
| <i>Tank Size (inches)</i> | 13 x 54 | 14 x 65 | 16 x 65 | 18 x 65 | 21 x 60 |
| <i>Recommended Service Flow (m³/hr)</i> | 3.0 | 4.0 | 6.0 | 6.0 | 6.0 |
| <i>Volume Capacity between Regens @ 300 ppm (m³)</i> | 12.5 | 16.6 | 24.9 | 33.2 | 41.5 |
| <i>Brine Tank Volume (litres)</i> | 140 | 140 | 190 | 340 | 460 |
| <i>Salt Usage per Regen (kgs)</i> | 11.25 | 15.0 | 22.5 | 30.0 | 37.5 |
| <i>WS1 Injector Colour</i> | Yellow | Green | Orange | Light Blue | Light Green |
| <i>WS1 Drain Line Flow Controller</i> | 053 | 065 | 075 | 090 | 150 |
| <i>Approx. Footprint D x W x H cms</i> | 58 x 90 x 157 | 58 x 96 x 185 | 58 x 100 x 188 | 74 x 120 x 188 | 85 x 140 x 175 |
| <i>Approx. Regen Duration (minutes)</i> | 80 | 95 | 95 | 95 | 95 |

Clack Valves

Our standard water softeners are fitted with 1" or 1.25" Clack Valves. These are available as time clocked or metered valves.

Our commercial water softeners are fitted with "Side Mount" assemblies for Clack 2" HD versions and the "Quick Connect" assembly option for Clack 2" CI Valves.

Service Parts

We provide a number of service parts and tools for maintaining Clack Valves, including:

- Clack Valve Wrench
- Clack 1" Bypass Assembly
- Clack Motorised Alternating Valve for 1.5" and 2"
- Clack 3/4" Male BSP Adaptor Kit
- Clack No Hardwater Bypass Valve
- Clack Vertical 90° Adaptor Kit
- Clack Stack Puller

