

Duplex Water Softeners



- Water Softening units available between 20 litres and 250 litres.
- Fitted with either a single TT CI Valve or two CI Valves and interconnecting Motorised Alternating Valve.
- Duplex system makes softened water available 24/7 with no downtime during regeneration.
- Increases the effectiveness and lifespan of appliances such as dishwashers, washing machines and boilers.
- Prevents limescale build up on faucets, showerheads and inside pipework.

Resin Volume x2	20 Litres	30 Litres	40 Litres	50 Litres	60 Litres
<i>Twin Alternating (TT-DS) Part No.</i>	WF0835CITT-DS	WF1035CITT-DS	WF1044CITT-DS	WF1054CITT-DS	WF1252CITT-DS
<i>Motorised Alternating Valve (MAV) Part No.</i>	WF0835CI-DS	WF1035CI-DS	WF1044CI-DS	WF1054CI-DS	WF1252CI-DS
<i>Tank Size (inches) x2</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	95	95	140	140
<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 cms</i>	50 x 74 x 130	50 x 85 x 130	50 x 85 x 152	57 x 85 x 177	62 x 92 x 172
<i>Approx. Regen Duration (minutes)</i>	70	75	80	80	80

<i>Resin Volume x2</i>	75 Litres	100 Litres	150 Litres	200 Litres	250 Litres
<i>Twin Alternating (TT-DS) Part No.</i>	WF1354CITT-DS	WF1465CITT-DS	WF1665CITT-DS	WF1865CITT-DS	WF2160CITT-DS
<i>Motorised Alternating Valve (MAV) Part No.</i>	WF1354CI-DS	WF1465CI-DS	WF1665CI-DS	WF1865CI-DS	WF2160CI-DS
<i>Tank Size (inches) x2</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	190	340	460	670
<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>	38 x 66 x 109	57 x 135 x 205	74 x 156 x 215	84 x 170 x 215	97 x 200 x 202
<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. Each Duplex system has either a single TT CI Valve or two CI Valves and interconnecting Motorised Alternating Valve.

Our commercial water softeners can also be fitted with 1.5" and 2" Clack 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

