



Contaminant Reduction

-  Oxidised Iron
-  Iron and Manganese
-  Organics, Tannins, Ammonium & Colour
-  Calcium & Magnesium

SWT Simplex Systems

Up to 45 litres per minute

Raw and borehole water supplies present a challenging range of contaminants that need to be treated, including iron and manganese as well as calcium and magnesium. The SPECTRUM SWT systems provide a simple, single stage solution

suitable for this purpose. Utilising unique, patented resin innovations, combined with tried and tested water treatment media the systems operate as a traditional softener whilst also treating the contaminants detailed above.

SWT Simplex Key Features

- Treats iron, manganese and CaCO³ hardness
- Regenerates using brine and surface scouring
- Media self levels in to 5 layers after regeneration
- ECOMIX works effectively in well water and municipal water within the allowable concentrations of iron, manganese, hardness and organic matter



SWT-0.75M
¾" Ports



SWT-2.2M
1 ¼" Ports



SWT-4.5M
1 ¼" Ports

Specification

Electrical Requirements 110-240V 50/60Hz
 Operating Temperature Range 2-42°C
 Operating Pressure Range 2-8.6 bar
 Max Hardness 750 ppm
 Max Iron 15ppm Max Manganese 3ppm
 Treatment Resin Ecomix A



Compliance

CE Certified
 PED Compliant Components



Visual Display

Clearly showing
 operational information



Low Maintenance

Valve designed with
 fewer parts

Part Number	Optimal Flow Rate (lpm)	Resin Vessel Size	Max Capacity (mg)	Water Used Per Regen (L)*	Water Hardness (ppm)	Litres of Water Used Per Day (lpd)					Days Between Regen
						2,500	5,000	7,500	10,000	12,500	
SWT-0.75M	10	10" x 35"	750,000	133	100	2	1				
					200	1					
					300						
SWT-2.2M	20	14" x 65"	2,200,000	434	100	7	3	2	1	1	
					200	3	1	1			
					300	2	1				
SWT-4.5M	45	21" x 62"	4,500,000	790	100	14	7	4	3	2	
					200	7	3	2	1	1	
					300	4	2	1	1	1	

* Based on 4 bar feed pressure 15°C feed temperature and optimal service flow rate