

Industrial • Commercial Triplex Water Softeners



Capacities from 60,000 - 3,600,000 grains
45 - 639 gallons per minute

Triple Tank Water Softeners are designed and manufactured for outstanding service. All brass valve, fiberglass mineral tank, polyethylene brine tank, and high-quality polystyrene resin are manufactured for reliable operation. Regenerations are initiated by a meter or 7-day timer with fully adjustable controls. No hard water bypass is available as an option.

ADVANCED **WATER** SOLUTIONS SINCE 1939



765 Liberty Ln West Carrollton,
Ohio 45449
800-424-9250 • fax 937-866-4197
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Product Information

Flow Rates between 45 - 60 gpm, 1", 3 to 12 cu ft, Fleck 2750 valve

Model Number	TWS301	TWS451	TWS601	TWS751	TWS901	TWS121
Max Capacity (grains)	90,000	135,000	180,000	225,000	270,000	360,000
Min Capacity (grains)	60,000	90,000	120,000	150,000	180,000	240,000
Resin (cubic feet)	3	4.5	6	7.5	9	12
Salt Req'd Max Capacity (lbs)	45	69	90	114	135	180
Salt Req'd Min Capacity (lbs)	18	27	36	45	54	72
Mineral Tank Size (inches)*	10x40	10x54	12x52	13x54	14x65	16x65
Brine Tank Size (inches)*	18x40	18x40	18x40	18x40	30x50	30x50
Salt Storage Capacity	380	380	380	380	1,720	1,720
Service Flow Rate (cont)(gpm)	45	48	54	57	57	60
Service Flow Rate (peak)(gpm)	60	66	72	75	78	81
Min Service Flow Rate (gpm)**	3	4.5	6	7.5	9	12
Drain Flow Rate (max)(gpm)	7.2	7.2	10.5	15	15	21
Valve Pipe Size	1"	1"	1"	1"	1"	1"

Flow Rates between 66 - 120 gpm, 1 1/2", 12 to 30 cu ft, Fleck 2850 valve

Model Number	TWS125	TWS155	TWS215	TWS305
Max Capacity (grains)	360,000	450,000	630,000	900,000
Min Capacity (grains)	240,000	300,000	420,000	600,000
Resin (cubic feet)	12	15	21	30
Salt Req'd Max Capacity (lbs)	180	225	315	450
Salt Req'd Min Capacity (lbs)	72	90	126	180
Mineral Tank Size (inches)*	16x65	18x65	21x62	24x72
Brine Tank Size (inches)*	30x50	30x50	30x50	30x50
Salt Storage Capacity	1,720	1,720	1,720	1,720
Service Flow Rate (cont)(gpm)	66	105	117	120
Service Flow Rate (peak)(gpm)	135	144	156	162
Min Service Flow Rate (gpm)**	12	15	21	30
Drain Flow Rate (max)(gpm)	21	21	30	45
Valve Pipe Size	1 1/2"	1 1/2"	1 1/2"	1 1/2"

Flow Rates between 204 - 639 gpm, 30 to 120 cu ft, Fleck 2900, 3150, and 3900 valves

Model Number	TWS302	TWS452	TWS662	TWS902	TWS663	TWS903	TWS123
Max Capacity (grains)	900,000	1,350,000	1,980,000	2,700,000	1,980,000	2,700,000	3,600,000
Min Capacity (grains)	600,000	900,000	1,320,000	1,800,000	1,320,000	1,800,000	2,400,000
Resin (cubic feet)	30	45	66	90	66	90	120
Salt Req'd Max Capacity (lbs)	450	675	990	1,350	990	1,350	1,800
Salt Req'd Min Capacity (lbs)	180	270	396	540	396	540	720
Mineral Tank Size (inches)*	24x72	30x72	36x72	42x72	36x72	42x72	48x72
Brine Tank Size (inches)*	30x50	30x50	50x60	50x60	50x60	50x60	50x60
Salt Storage Capacity	1,720	1,720	1,720	4,500	4,500	4,500	4,500
Service Flow Rate (cont)(gpm)	204	252	234	252	555	600	639
Service Flow Rate (peak)(gpm)	273	315	321	354	750	804	840
Min Service Flow Rate (gpm)**	30	45	66	90	44	90	120
Drain Flow Rate (max)(gpm)	45	75	105	150	105	150	210
Valve Pipe Size	2"	2"	2"	2"	3"	3"	3"

OPERATING REQUIREMENTS:

Pressure:	25 psi - 125 psi
Temperature:	35°F - 100°F
Electrical:	120/60, 5 amps
Turbidity:	5 NTU Max
Chlorine:	1 ppm Max
Iron:	2 ppm Max

Capacity is based on manufacturer's data at service flow rates specified and free of color, oil and turbidity.

<15 psi drop at continuous flow rate.

<25 psi drop at peak flow rate.

Use minimum capacity when sizing units.

NOTES: * Mineral Tank and Brine Tank times three
**Hardness breakthrough may result if minimum flow rates are not met.



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