

Industrial • Commercial

Quadplex

Water Softeners



Capacities from 320,000 - 4,800,000 grains

132 - 852 gallons per minute

Quad 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 with several different service configurations available. No hard water bypass is available as an option.

ADVANCED **WATER** SOLUTIONS SINCE 1939



Product Information

Flow Rates between 132 – 160 gpm, 1 1/2", 12 to 30 cu ft, Fleck 2850 valve

Model Number	QWS125	QWS155	QWS215	QWS305
Max Capacity (grains)	480,000	600,000	840,000	1,200,000
Min Capacity (grains)	320,000	400,000	560,000	800,000
Resin (cubic feet)	16	20	28	40
Salt Req'd Max Capacity (lbs)	240	300	315	600
Salt Req'd Min Capacity (lbs)	96	120	126	240
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)	132	140	156	160
Service Flow Rate (peak)(gpm)	180	192	208	216
Min Service Flow Rate (gpm)**	16	15	28	40
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	QWS302	QWS452	QWS662	QWS902	QWS663	QWS903	QWS123
Max Capacity (grains)	1,200,000	1,800,000	1,980,000	3,600,000	1,980,000	3,600,000	4,800,000
Min Capacity (grains)	800,000	1,200,000	1,320,000	2,400,000	1,320,000	2,400,000	3,200,000
Resin (cubic feet)	40	60	88	120	88	120	160
Salt Req'd Max Capacity (lbs)	600	900	1320	1,800	1320	1,800	2,400
Salt Req'd Min Capacity (lbs)	240	360	528	720	528	720	960
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)	240	312	336	356	740	800	852
Service Flow Rate (peak)(gpm)	308	416	428	472	1000	1072	1120
Min Service Flow Rate (gpm)**	40	60	88	120	88	120	160
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

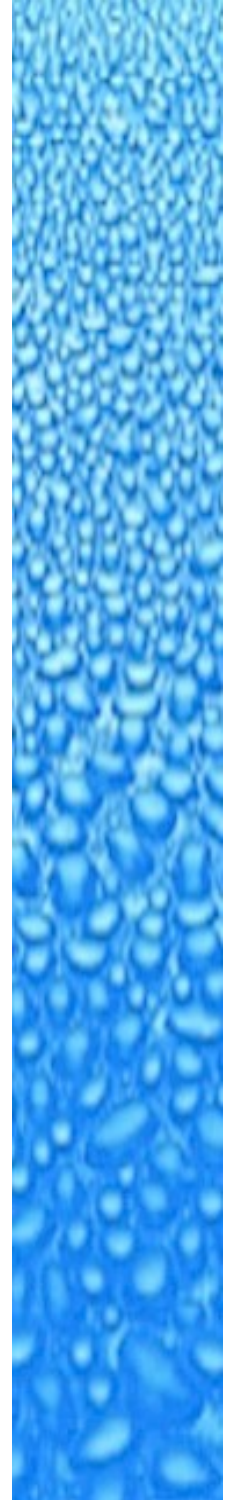
Capacity is based on manufacturer's data at service flow rates specified and free of color, oil and turbidity.

<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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