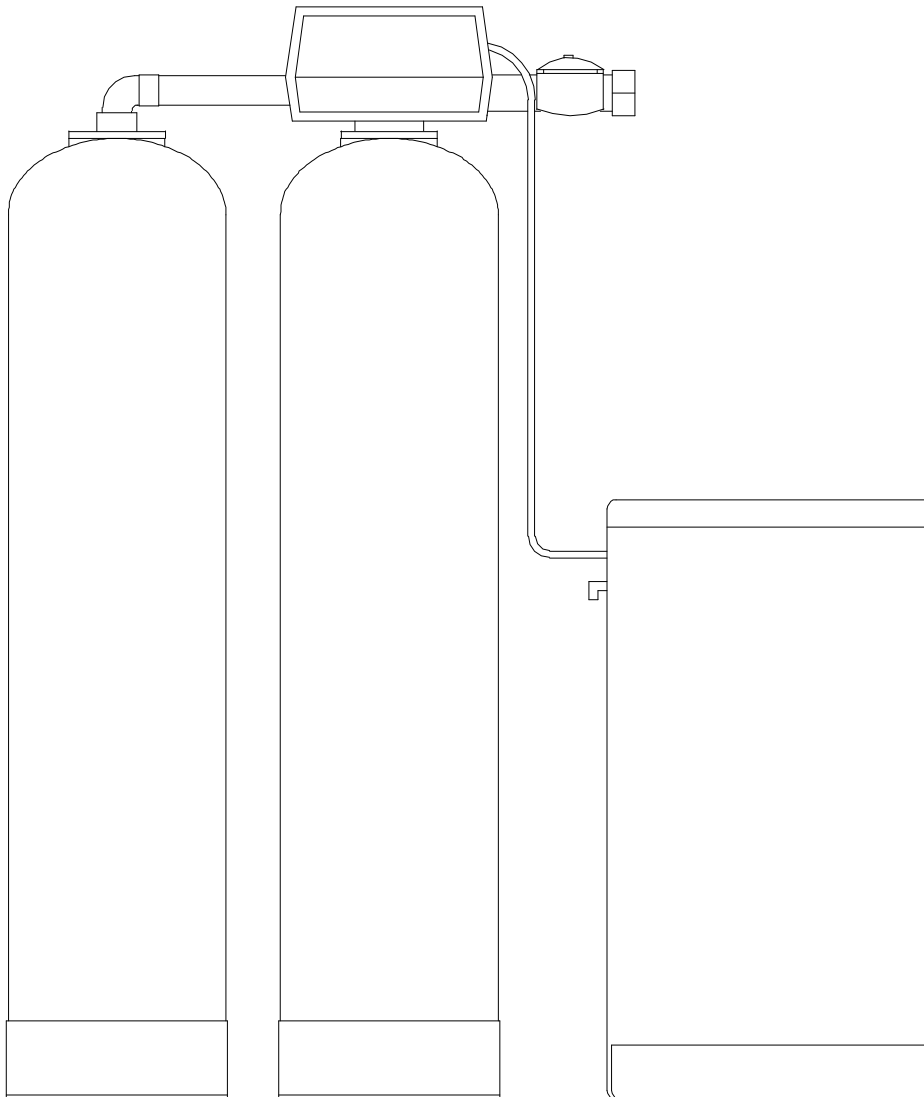




WTA41 Series

Alternating Twin Water Softeners



apartments / condos
assisted living facilities
boiler feed
cafeterias
casinos
corporate campuses
dairies
educational facilities
factories hospitals
farms
food service
grocery
hotel / motel
institutions
laundry
restaurants
reverse osmosis feed
schools
theme parks
vehicle wash

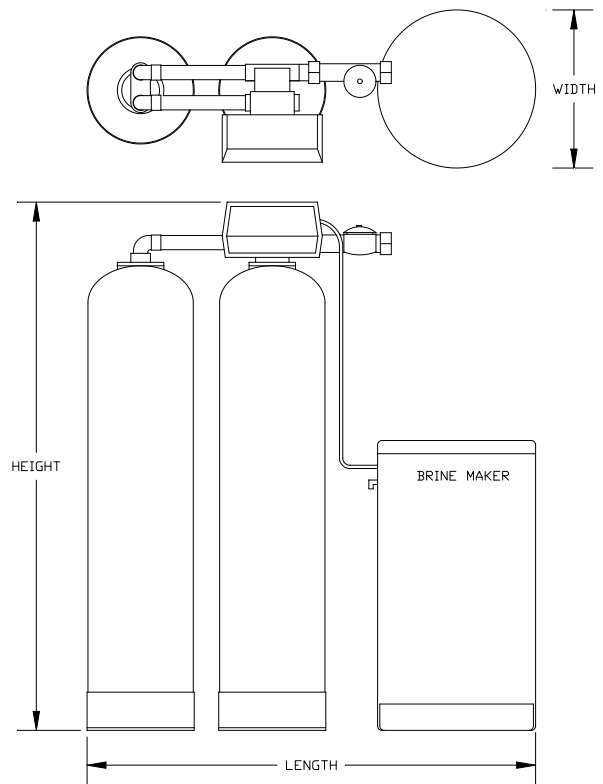
Continuous Supply of Soft Water

Flow Rates to 32 gpm Continuous, 42 gpm Peak

Capacities from 15,000 to 450,000 grains per tank

WTA41 Series Features

- Continuous soft water 24 hours per day with one unit in service and the other unit in stand-by
- Top mounted solid brass control valve with motor driven pistons
- System regenerates only when required based on total gallon usage ó Saves salt and water
- Two teflon coated pistons, hydraulically balanced for smooth and quiet operation
- Corrosion resistant mineral tanks made from fiberglass reinforced polyester
- Five cycle valve for control of backwash, brining, slow rinse, fast rinse, brine refill and service
- High capacity virgin polystyrene softening resin for top performance and long life
- Automatic timed brine refill with pressure compensating flow control for easy adjustment
- System utilizes soft water for all steps of the regeneration cycle
- Large salt storage capacity allows for a minimum of four regenerations between salt refills



Model Number	Capacity		Pipe Size			Service Flow Rate		Backwash Flow Rate	Resin Volume	Tank Size		Salt Storage	Floor Space Requirements			Shipping Weight
	Maximum ¹	Minimum ²				Normal ³	Peak ⁴						Length	Width	Height	
	(grains)	(grains)	Service	Meter	Drain	(gpm)	(gpm)	(gpm)	(cu.ft.)	(dia x height)	(dia x height)	(lbs)	(in)	(in)	(in)	(lbs)
WTA41-023-10	22,500	15,000	1"	3/4"	1/2"	11	16	1.0	0.75	8" x 44"	18" x 33"	330	43	18	51	108
WTA41-030-10	30,000	20,000	1"	3/4"	1/2"	13	18	2.0	1.0	9" x 48"	18" x 33"	300	45	18	55	133
WTA41-045-10	45,000	30,000	1"	3/4"	1/2"	12	17	2.4	1.5	10" x 54"	18" x 33"	270	47	18	62	184
WTA41-060-10	60,000	40,000	1"	1"	1/2"	16	21	3.5	2.0	12" x 52"	18" x 33"	240	51	18	61	239
WTA41-060-15			1-1/2"	1-1/2"	1"	23	30									261
WTA41-090-10	90,000	60,000	1"	1"	1/2"	16	21	5.0	3.0	14" x 65"	18" x 40"	260	55	18	72	395
WTA41-090-15			1-1/2"	1-1/2"	1"	22	29									417
WTA41-120-10	120,000	80,000	1"	1"	1/2"	16	22	7.0	4.0	16" x 65"	18" x 40"	210	59	18	72	527
WTA41-120-15			1-1/2"	1-1/2"	1"	25	34									549
WTA41-150-15	150,000	100,000	1-1/2"	1-1/2"	1"	27	37	9.0	5.0	18" x 65"	24" x 41"	430	69	24	75	820
WTA41-180-15	180,000	120,000	1-1/2"	1-1/2"	1"	26	35	12.0	6.0	18" x 65"	24" x 50"	550	69	24	75	995
WTA41-210-15	210,000	140,000	1-1/2"	1-1/2"	1"	29	39	12.0	7.0	21" x 62"	24" x 50"	490	75	24	75	1141
WTA41-240-15	240,000	160,000	1-1/2"	1-1/2"	1"	32	42	15.0	8.0	24" x 72"	24" x 50"	440	81	24	82	1421
WTA41-270-15	270,000	180,000	1-1/2"	1-1/2"	1"	31	41	15.0	9.0	24" x 72"	24" x 50"	380	81	24	82	1523
WTA41-300-15	300,000	200,000	1-1/2"	1-1/2"	1"	30	40	15.0	10.0	24" x 72"	24" x 50"	320	81	24	82	1625
WTA41-450-15	450,000	300,000	1-1/2"	1-1/2"	1"	32	42	25.0	15.0	30" x 72"	30" x 50"	480	100	30	94	2595

¹ Maximum Capacity based on 15# per Cubic Foot Salt Dosage

² Minimum Capacity based on 6# per Cubic Foot Salt Dosage

³ Normal Continuous flow rate @ 15 psi Pressure Loss

⁴ Intermittent Peak flow rate @ 25 psi Pressure Loss

Operating Parameters

Pressure	30 ó 100 psig
Vacuum	None
Temperature	40 ó 100 °F
Electrical	120V ó 60 Hz

- Tank warranty is void if subject to vacuum
- Consult factory for optional operating parameters



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