

COMMERCIAL WATER SOFTENER

LWT 9000-9500 Series

30,000 TO 450,000 GRAIN CAPACITY



**COMMERCIAL PERFORMANCE * CONTINUOUS SOFT
WATER * ENGINEERED SOLUTIONS**



*“Designed, Tested and Approved for Shipment
by LWT Engineering Staff”*

LWT 9000-9500 Series Water Softeners

- Dramatically reduces salt and water costs by up to 50%.
- Systems provide a continuous supply of soft water without interruption 24/7.
- Twin Alternating systems regenerate based on consumed gallons using 100% of resin capacity. The meter triggers the tanks to switch and the exhausted vessel regenerates immediately. After regeneration the recharged vessel is put in stand-by.

BENEFITS:

- The control valve is constructed using a high quality lead free brass or thermoplastic valve body. Both valves are designed for longer life in commercial applications.
- Hydraulically balanced pistons move freely along a series of seals and spacers for reliable performance.
- The Pentair regeneration controller is offered in electro-mechanical or the SXT digital display with user friendly programming. The control features five fully adjustable cycles for different applications in the field. This system regenerates using soft water provided from the tank in service, providing years of trouble-free service.
- The brine tank is molded of rigid polyethylene that provides the ultimate corrosion resistance and superior strength. The brass brine valve located on the main controller ensures a positive safety overflow protection and precise brine concentration for peak performance.

APPLICATIONS :

Apartment Buildings, Office Buildings, Hotels, Restaurants, Resorts, Laundries, Nursing Homes, Manufacturing, Hospitals, Laboratories, RO/DI Pre-Treatment

Options:

- By-pass valve
- Auxiliary switches to operate equipment
- Skid mounted, pre-piped and pre-wired
- Gauges and sample taps
- ASME code vessels available

OPERATING SPECIFICATIONS:

- Working Pressure 20-150psi
- **Max drain piping limits:** 10ft vertical and discharged to an atmospheric floor drain sized to handle the backwash rate of the system (Max. proven length is 25ft.).
- Temperature 34-110F
- Electrical 24v,110v, 220v -50Hz, 60Hz
- Brine tank location max. 10ft. from tanks.



LWT 9000-9500 Commercial Water Softener

Model	MAX CAP PER TANK @15LB	MIN CAP PER TANK @6LBS	PIPE SIZE	CONT GPM	PEAK GPM	BACK WASH FLOW RATE	TOTAL RESIN QTY. CU. FT.	SOFTENER TANK SIZE (Inches)	BRINE TANK SIZE (Inches)	BRINE TANK CAP LBS	SHIPPING WEIGHT LBS.
LWT 9000-30	30,000	20,000	1'	16	21	2.4	2	10 X 40	21 X 36	425	200
LWT 9000-45	45,000	30,000	1'	14	19	2.4	3	10 X 54	21 X 36	425	260
LWT 9000-60	60,000	40,000	1'	16	21	3.5	4	12 X 52	21 X 36	425	310
LWT-9000-90	90,000	60,000	1'	17	22	5.0	6	14 X 65	24 X 40	775	530
LWT 9000-120	120,000	80,000	1'	17	24	7.0	8	16 X 65	24 X 40	775	700
LWT 9500 -120	120,000	80,000	1.5	29	40	7.0	8	16 X 65	24 X 40	775	750
LWT 9500-150	150,000	100,000	1.5	37	48	12.0	10	21 X 54	24 X 40	650	1100
LWT 9500- 210	210,000	140,000	1.5	34	46	12.0	14	21 X 69	24 X 54	875	1400
LWT 9500-300	300,000	200,000	1.5	35	47	15.0	20	24 X 72	24 X 54	850	1800

LWTF Commercial Water Softener Dimensions

MODEL NO.	RESIN TANK	BRINE TANK	OAH "H"	WIDTH "W1"	WIDTH "W2"	OAL "L"
LWT -9000-30	10" X 40"	18" X 40"	47	11	19	48
LWT -9000-45	10" X 54"	18" X 40"	61	11	19	48
LWT -9000-60	12" X 52"	18" X 40"	60	12	19	48
LWT -9000-90	14" X 65"	24" X 41"	78	14	25	50
LWT-9000-120	16" X 65"	24" X 41"	79	16	25	62
LWT-9500-120	16" X 65"	24" X 41"	80	16	25	72
LWT-9500-150	18" X 65"	24" X 41"	75	20	25	75
LWT -9500-210	21 " X 62"	24" X 41"	75	22	25	75
LWT -9500-300	24" X 72"	30" X 41"	82	25	31	85

LWT 9000-9500 Commercial Water Softener Diagram

