

WS Series[®] Softeners

Water Softeners with Digital Control

The WS Series water softener brings household water to a new level of quality with the convenience of advanced controls and proven system performance. Your WS Series water softener will even minimize system salt and water usage. Microprocessor-based controls and LCD displays simplify system programming and operation.

- Solid-state microprocessor – with push-button simplicity on front panel
- Stores system configuration and operating data – even in the event of a power outage
- Selectable regeneration cycle sequence – up to 9 cycles
- Fully adjustable regeneration cycle times
- Modular design is extremely easy to service – no screws, no bolts

WS Series water softeners remove unwanted hardness or minerals from your household water - regardless of water source. Used alone or in combination with other WS filters and neutralizers, this system can meet the most challenging water problems existing today.

Our unique microprocessor-based control head monitors system performance, water consumption and more...

- Days since last regeneration
- Gallons since last regeneration
- Reserve based on water usage over last 21 days
- Water flow rates
- Peak flow over last seven days
- Total days since start up
- Total regeneration since start up
- Program cycle times
- Program sequence of cycles

If the power fails all the settings and historical data will remain unchanged.

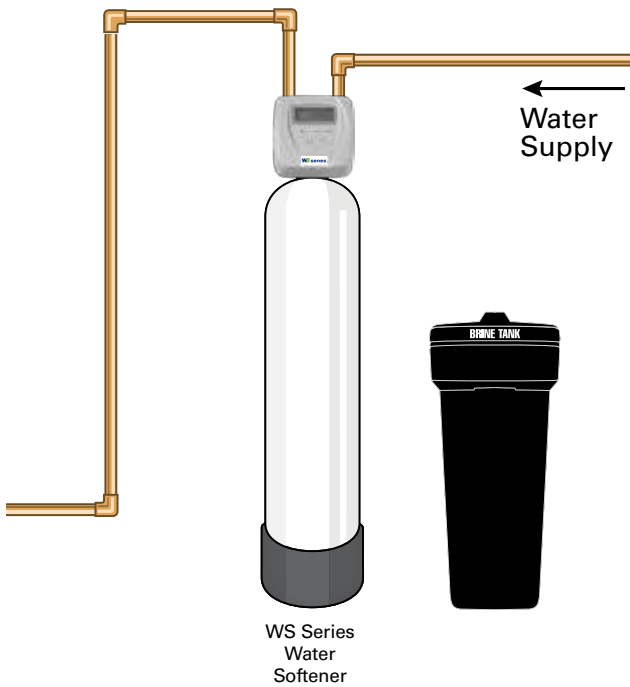
EFFECTIVELY USED TO:

- Remove hardness and low levels of iron
- Soften household water



Optional WS30CC-CAB

The Cabinet Softener design offers excellent space savings while still allowing up to 150 lbs. salt storage.



MODEL	WS20CC	WS30CC	WS50CC	WS70CC	WS90CC	WS30CC-CAB
¹ CAPACITY: (Grains/lbs. Salt)						
Maximum	19800 @ 9.0	30500 @ 15.0	46000 @ 21.0	70000 @ 32.0	90000 @ 45.0	30500 @ 15.0
Medium	16800 @ 6.0	26400 @ 9.0	41500 @ 15.0	61700 @ 20.0	80000 @ 28.0	26400 @ 9.0
Minimum	12000 @ 3.0	22100 @ 6.0	33800 @ 9.0	51000 @ 14.0	60000 @ 18.0	22100 @ 6.0
Efficiency (gr./lb) @ Lowest Setting	4000	3700	3800	3700	3300	3700
Amount of Media	0.65 ft ³	1.0 ft ³	1.5 ft ³	2.5 ft ³	3.0 ft ³	1.0 ft ³
Maximum Water Hardness	50 gpg	75 gpg	100 gpg	100 gpg	100 gpg	75 gpg
Minimum pH Required	6.8					
² Peak Flow Rate @ 15 psid	11.4 gpm	14.0 gpm	14.0 gpm	17.0 gpm	19.0 gpm	14.0 gpm
Continuous Flow Rate @ 5 psid	5.0 gpm	6.0 gpm	6.0 gpm	7.0 gpm	8.0 gpm	6.0 gpm
Water Pressure Range	25-100 psi	25-100 psi	25-100 psi	25-100 psi	25-100 psi	25-100 psi
Water Temperature	0.5-37.7°C (33-100°F)	0.5-37.7°C (33-100°F)	0.5-37.7°C (33-100°F)	0.5-37.7°C (33-100°F)	0.5-37.7°C (33-100°F)	0.5-37.7°C (33-100°F)
Electrical Requirements	110 V/50-60 Hz	110 V/50-60 Hz	110 V/50-60 Hz	110 V/50-60 Hz	110 V/50-60 Hz	110V/50-60 Hz
Connections	3/4" brass	3/4" brass	3/4" brass	3/4" brass	1" brass	3/4" brass
DIMENSIONS						
Media Tank (w x h)	20.3 cm x 132.1 cm (8" x 52")	25.4 cm x 132.1 cm (10" x 52")	25.4 cm x 157.5 cm (10" x 62")	33 cm x 157.5 cm (13" x 62")	35.6 cm x 185.4 cm (14" x 73")	58 cm x 109 cm (23" x 43")
Brine Tank (w x h)	35.6 cm x 86.4 cm (14" x 34")	35.6 cm x 86.4 cm (14" x 34")	35.6 cm x 86.4 cm (14" x 34")	45.7 cm x 102 cm (18" x 40")	45.7 cm x 102 cm (18" x 40")	
Shipping Weight	36.3 kg (80 lbs)	49.9 kg (110 lbs)	63.5 kg (140 lbs)	99.8 kg (220 lbs)	132 kg (290 lbs)	49.9 kg (110 lbs)

¹All units are factory set for Medium salting.

²The peak flow rates listed above do not represent the maximum service flow rate for determining the softener capacity and efficiency ratings. Continuous operation at flow rates greater than the maximum service flow rate may affect capacity and efficiency performances.