



OZOTECH Salt Sensor Softener System Instructions

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OZOTECH Salt Sensor Softener System



Product Information

The product uses patented capacitive sensing technology to measure the amount of salt in a water softener tank. The sensing technology is able to sense through the wall of the tank and provide accurate readings.

Product Frequently Asked Questions

- **What is the common technical name of your patented sensing technology?** The core technology is capacitive sensing through the wall of the tank.
- **How do I open my salt tank?** Most water softener tanks have a lid on them that can be pulled off.
- **What if my salt tank has no water inside?** You may have a pre-brining water softener. This means that fresh water is pumped into the tank before it needs salt water, and then pumped back out to flush the water softener. The tank may be empty at times.
- **Do I have to clean my salt tank before I place the transmitter?** Yes, it is recommended that the Salt Tank is clean and dry. Use a mild cleaning solution to clean the portion of the Salt Tank you are attaching the Salt Sensor, let that dry, wipe it with supplied alcohol wipe, and let that dry.
- **Can the alarm only be silenced during beep cycle or can you wake it up and silence it?** If the unit is alarming, wake it up and it will start beeping and blinking red. While it is doing that you push the button and it will silence it for 48 hours.

- **Can the alarm be turned back on without risking a false calibration?** Yes, it's the same process as above. Push the button and it will only blink red. While it is blinking red, push the button and the beeper is turned back on.
- **After silencing the alarm, how long will the unit stay silent?** It will remain silent for 48 hours. See timing chart.

Product Usage Instructions

1. Open your salt tank by pulling off the lid.
2. Clean and dry the portion of the Salt Tank where you will attach the Salt Sensor using a mild cleaning solution and the supplied alcohol wipe.
3. Place the transmitter in the desired location on the salt tank.
4. If the unit starts alarming, wake it up and push the button to silence it for 48 hours.
5. If you need to turn the alarm back on, push the button while it is blinking red.

Frequently Asked Questions

Technology

- What is the common technical name of your patented sensing technology?
 - There are multiple claims that are patented but the core is "capacitive sensing" through the wall of the tank.

Basic Installation

- How do I open my salt tank?
 - Most water softener tanks have a lid on them that when you pull on it will separate from the tank.
- What if my salt tank has no water inside?
 - You may have a pre-brining water softener. This means that right before the water softener needs salt water, and while it is performing other operations, it will pump fresh water into the tank, allow it to form salt water, then pump it back out to flush the water softener. This is usually done at a set time early in the morning and only takes about an hour or two to complete. So when you look in the tank there may not be any water in it.
- Do I have to clean my salt tank before I place the transmitter?
 - Yes it is recommended that the Salt Tank is clean and dry. Use a mild cleaning solution to clean the portion of the Salt Tank you are attaching the Salt Sensor, let that dry, wipe it with supplied alcohol wipe, and let that dry.

Silencing the Alarm

- Can the alarm only be silenced during beeb cycle or can you wake it up and silence it? Example user wants to turn the beep off do they have to wait until it cycles 20 mins during beep cycle?
 - Currently if the unit is alarming, wake it up and it will start beeping and blinking red. While it is doing that you push the button and it will silence it for 48 hours.

- Can the alarm be turned back on without risking a false calibration?
 - Yes, it's the same process as above. Push the button and it will only blink red. While it is blinking red, push the button and the beeper is turned back on.

Flash and Alarm Cycles

- After silencing the alarm, how long will the unit stay silent? How many days (24-hour periods)?
 - It will remain silent for 48 hours. See timing chart.


Salt Sensor Timing Chart

Program Timing	Trigger	Enunciation & Duration
Initial power up	Remove battery pull tab 1st time	•Alternating light: green, purple, red
Initial resetting	2s Button press	•Resetting-2s delay then blinking purple (8s) •Test State-blinking green or red w/beeping (10m) •Active State-green blinking (3m)
Reset verification	24 hours after initial reset in completed	•Resetting-blinking purple (8s) •Test State-blinking green or red w/beeping (10m) •Active State-green blinking (3m)
Notifications	Every 24 minutes	•Salt OK-5 green blinks (5s) •Salt Low-5 red blinks and beeps (10s)
Salt check	Every 24 hours	•Salt OK-5 green blinks (5s) •Salt Low-5 red blinks and beeps (10s) •Active State-green or red blinking (3m)
Salt alarm	24 hours after low salt detection	•Manual alarm check by pushing reset button momentarily after low salt detection •Salt Low-5 red blinks and beeps (10s)

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Documents / Resources

	OZOTECH Salt Sensor Softener System [pdf] Instructions Salt Sensor, Salt Sensor Softener System, Softener System
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References

- [Ozotech, Inc. – Applied Ozone Technologies](#)