

# Skimmer's LSI & Dosing Calculator Powered by Orenda: Getting Started

This guide shows you how to set up and use Skimmer's LSI & Dosing Calculator powered by Orenda, the industry leader in pool water chemistry. Learn how you can achieve optimal pool water balance for your customers' pools.

## Benefits of using Skimmer's LSI & Dosing Calculator



### Real-time LSI insights

Gain immediate feedback on the current water balance as you take readings.



### Precise dosing recommendations

Ensure you always add the amount of chemicals needed for optimal balance.



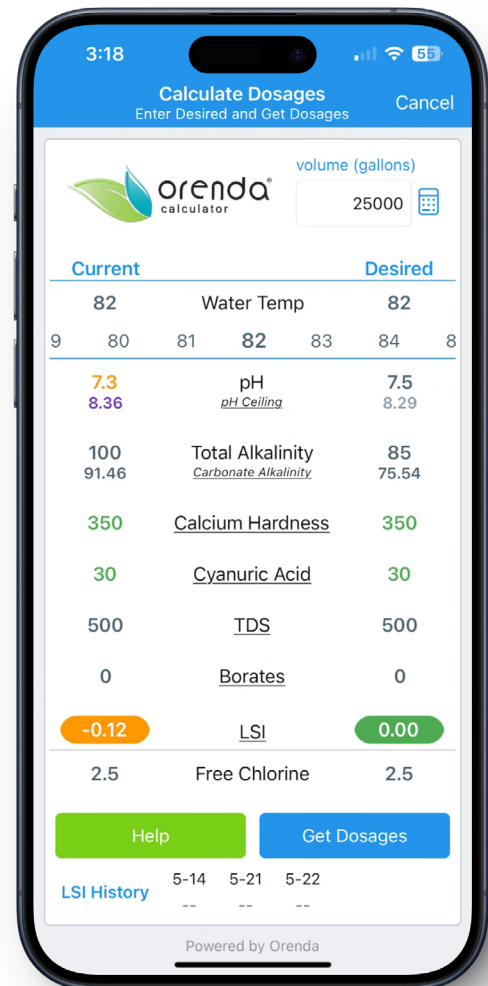
### Improved efficiency

Save time by automating calculations and streamlining the dosing process.



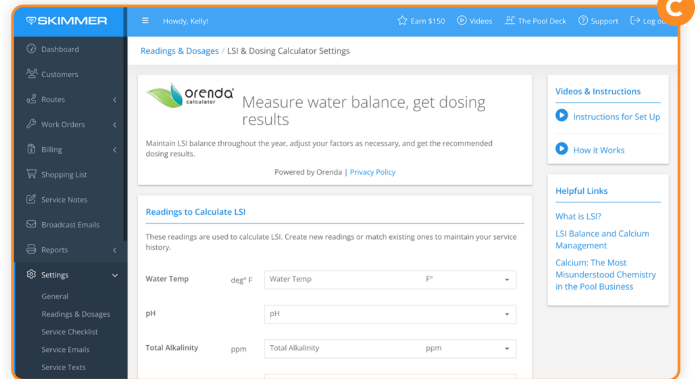
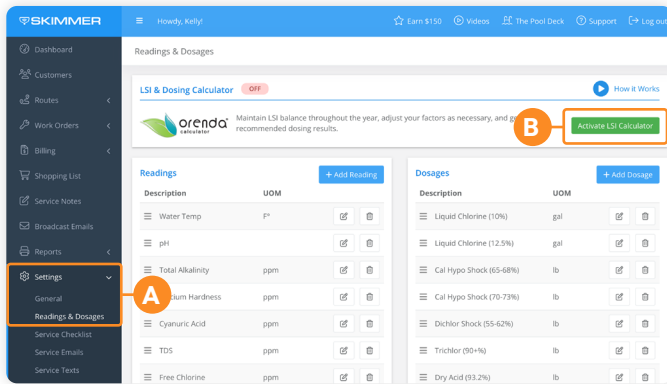
### Enhanced customer satisfaction

Deliver scientifically backed pool care that guarantees sparkling results.



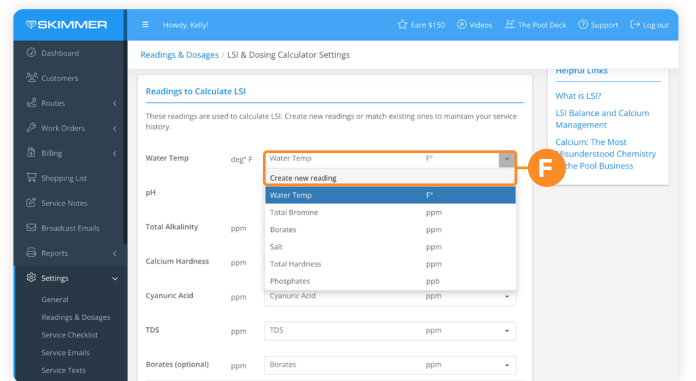
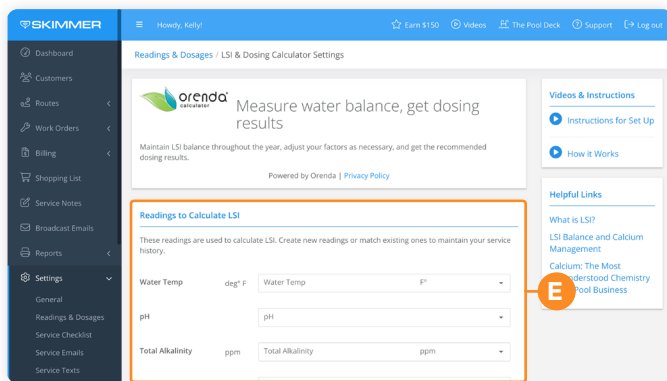
# Setup and activation (Web)

- Visit **A Settings > Readings & Dosages** and select **B Activate LSI Calculator** to go to **C LSI & Dosing Calculator Settings**. Here, you will set readings and dosages for the calculator and activate the feature.



## Readings to calculate LSI

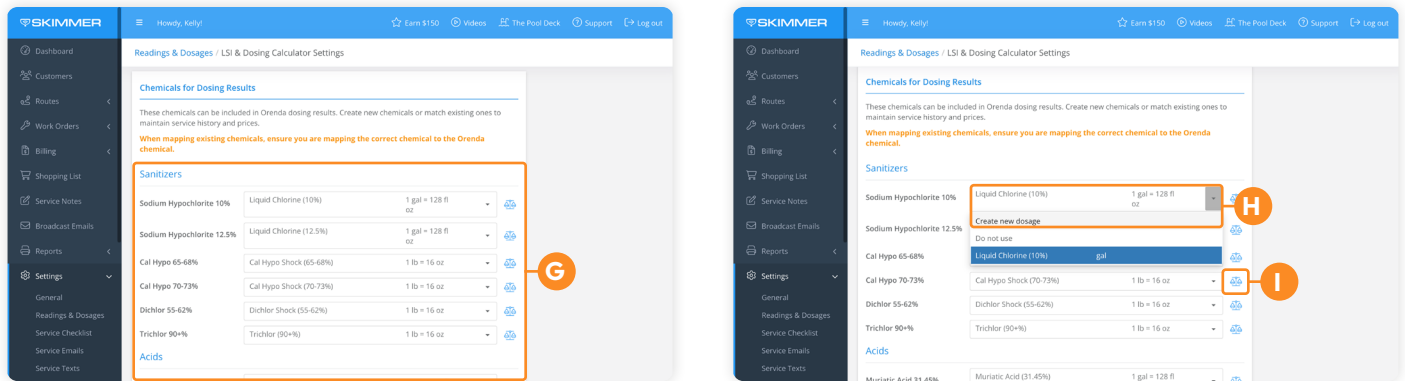
- Six readings are required to calculate LSI: **Water Temperature, pH, Total Alkalinity, Calcium Hardness, Cyanuric Acid, TDS (Total Dissolved Solids)**.
- **E** Select the readings used to calculate the LSI water balance. Skimmer provides access to these readings and will select them by default.
- If a reading is missing or you are unsure if your values match the readings on the left side of the calculator, select **F Create New Reading** from the drop down menu. A new reading will be added with the proper name, unit of measurement, and value range. Visit **Settings > Readings & Dosages** to delete any duplicates.



- You can also select an existing reading to maintain history, but **you must ensure the unit of measurement (UOM) matches the mapped reading**. All readings are treated in parts per million (ppm) except for water temp (°F) and pH.
- Borates are optional but can be selected to factor into LSI values.
- Free chlorine is also optional, but we recommend selecting it so your techs see it when viewing dosing results.

# Chemicals for dosing results

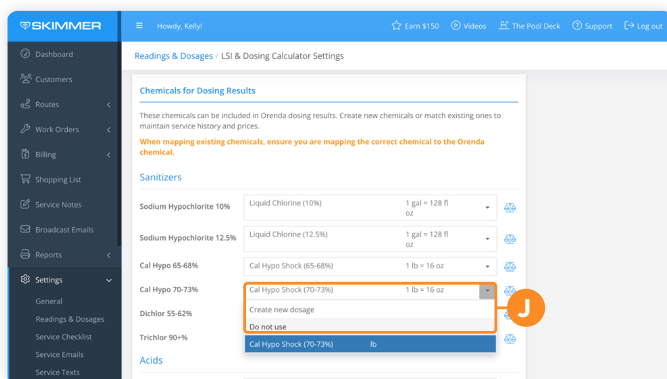
- The calculator suggests dosing chemicals to meet desired LSI values. **G** Skimmer provides access to these dosages and will select them by default.
- If a dosage is missing or you are unsure if your values match what's needed for the chemicals on the left, select **H Create New Dosage** from the drop down menu. A new dosage will be added with the proper name, unit of measurement, and value range. Visit **Settings > Readings & Dosages** to add prices or delete duplicates.



- You can also select an existing dosage to maintain price and history, but you must ensure the unit of measurement matches or is converted to the chemical being mapped. If a custom UOM has been entered, you can convert if needed (e.g., 1 bottle = 64 fl oz, 1 scoop = 8 oz).
- After making selections, review all fields to ensure UOMs and conversions are accurate. Press the **I** scale icon to adjust conversions if needed. **This is critical to prevent incorrect dosing results.**

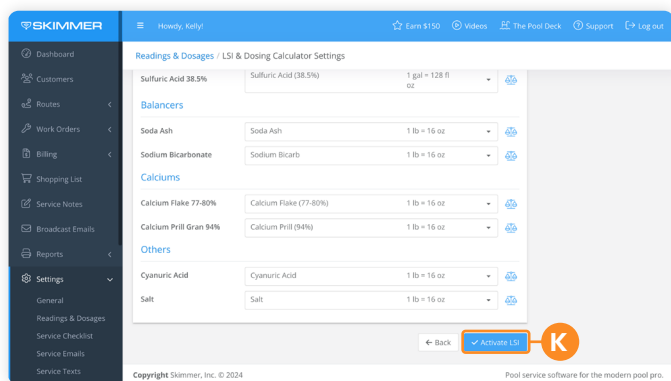
## Helpful notes

- Dry chemicals are measured in ounces (1 lb = 16 oz).
- Liquid chemicals are measured in fluid ounces (1 gal = 128 fl oz).
- Select **J Do not use** for any chemicals you don't need. These chemicals can still show up in dosing results, but techs will see an unavailable message if they select them to dose.



# Activate LSI

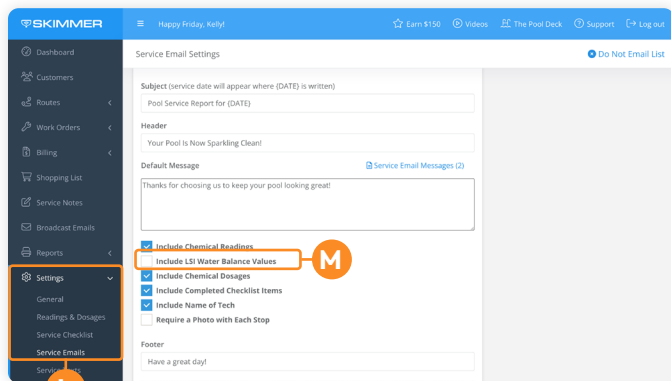
- Press **K Activate LSI** to save your settings and enable. After that, techs will be able to see LSI values and calculate dosing results when performing service and work orders in Skimmer.



# Include LSI water balance in service emails

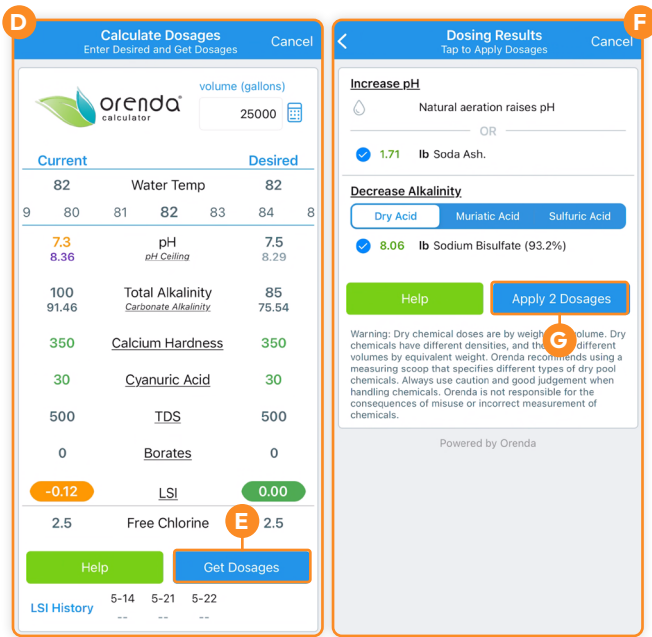
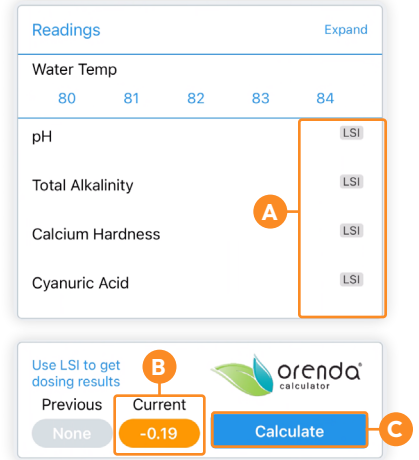
- You can include a pool's LSI value in service emails to your customers by navigating to **L Settings > Service Emails**, then select the checkbox **M Include LSI Water Balance Values** to include the recorded LSI in your service emails.

*Note: Once you check this box, all your customers' service emails will show the LSI value.*



# Mobile App: Using the LSI & Dosing Calculator

1. Enter pool readings labeled LSI. To get the LSI water balance value, enter all readings labeled <sup>A</sup>'LSI' when performing a service or work order.
2. Observe LSI values in real-time. After you enter all LSI readings, the <sup>B</sup>current LSI value will automatically be updated. This gives you immediate insight into the current water balance.



3. Tap calculate and enter desired values (optional). Tap the <sup>C</sup>Calculate button to open the <sup>D</sup>Calculate Dosages page. Here, you can see current readings and adjust them to your desired values. The target LSI is also shown on the bottom right, based on your adjustments. If pool volume is missing, you can type it here or press the calculator icon to estimate gallons.
4. Review and apply dosing results (optional). First, tap <sup>E</sup>Get Dosages. The <sup>F</sup>Dosing Results page will show the chemicals and quantities needed to achieve the desired LSI water balance. Choose one preferred approach for each action listed, and tap the chemical to select it.

When a chemical has been added for every action, tap <sup>G</sup>Apply Dosages. The chemicals and quantities you applied will show up on the page where you perform service.

5. View LSI water balance history. The next time you perform service, you will see the LSI water balance on the **Recent Activity** card and **History** pages. This information helps track trends for each pool over time.
6. TIP: [Click this link](#) for the mobile app guide to share with your technicians.

## Need more help?

- Watch our [web tutorial video](#) and [app tutorial video](#) on how to use the LSI & Dosing Calculator.
- Visit the [Orenda training academy](#) to learn more about LSI and how it helps your pool service business.
- Contact our dedicated support team at [support@getskimmer.com](mailto:support@getskimmer.com).