

CCH 73100

CCH Endurance Commercial Pool Chemical Feeder 73100 User Manual

Comprehensive guide for installation, operation, and maintenance of your CCH Endurance Chemical Feeder.

1. INTRODUCTION

The CCH Endurance Commercial Pool Chemical Feeder 73100 is an advanced system designed to simplify chemical management in commercial swimming pools. This feeder utilizes patent-pending, slow-dissolving tablets to provide a consistent and controlled release of chemicals, ensuring optimal water balance. Its 3-in-1 functionality helps maintain proper calcium levels to protect plaster, increases pH, and avoids adding cyanuric acid (CYA) to the water, reducing the need for wasteful drainage.

This manual provides essential information for the safe and effective use of your CCH Endurance feeder, covering setup, operation, maintenance, and troubleshooting.

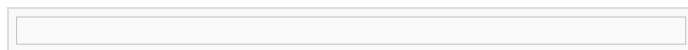


Figure 1: The CCH Endurance Commercial Pool Chemical Feeder 73100. This image displays the main unit of the chemical feeder, highlighting its compact and streamlined design, with a visible measurement indicator on the side.

2. SETUP AND INSTALLATION

The CCH Endurance feeder is designed for easy installation. Proper placement and connection are crucial for its efficient operation.

2.1 Unpacking

Carefully remove all components from the packaging. Verify that all parts are present and undamaged. Refer to the packing list for a complete inventory.

2.2 Site Selection

Choose a location that is easily accessible for servicing and maintenance. Ensure the area is well-ventilated and protected from direct sunlight or extreme weather conditions. The unit dimensions are 32 x 16 x 16 inches, and it weighs 1 pound,

allowing for flexible placement.

2.3 Plumbing Connections

1. Connect the feeder to the pool's circulation system according to local plumbing codes and manufacturer guidelines.
2. Ensure all connections are secure and watertight to prevent leaks.
3. Install any necessary bypass valves to allow for isolation of the feeder during maintenance without interrupting pool circulation.

2.4 Initial Fill

Once installed, slowly fill the feeder with water to prime the system before adding chemical tablets.

3. OPERATING INSTRUCTIONS

Operating the CCH Endurance feeder involves loading the chemical tablets and monitoring the system.

3.1 Loading Chemical Tablets

1. Ensure the feeder is isolated from the main circulation system if necessary, and depressurize it.
2. Open the feeder access port.
3. Carefully load the recommended slow-dissolving chemical tablets into the feeder chamber. The CCH Endurance is designed to work effectively with ORP sensors.
4. Close and secure the access port.

3.2 Adjusting Chemical Output

The feeder allows for adjustment of the chemical release rate to match the pool's demand. Consult your pool's water testing results to determine the appropriate setting. Adjust the flow control valve or internal settings as per the feeder's design to increase or decrease the dissolution rate of the tablets.

3.3 Monitoring Water Chemistry

Regularly test your pool water chemistry (chlorine, pH, calcium hardness) to ensure the feeder is maintaining desired levels. Adjust the feeder's output as needed based on these readings.

4. MAINTENANCE

Routine maintenance ensures the longevity and optimal performance of your CCH Endurance feeder.

4.1 Regular Inspections

- Periodically inspect the feeder for any signs of leaks, cracks, or damage to the housing and connections.
- Check the chemical tablet level and refill as necessary to ensure continuous chemical delivery.

4.2 Cleaning

Depending on water conditions and chemical usage, mineral deposits or residue may accumulate inside the feeder. Isolate the feeder, drain it, and clean the interior surfaces with a soft brush and mild detergent. Rinse thoroughly before refilling.

4.3 Winterization

If the pool is to be shut down for the winter, ensure the feeder is completely drained of water and chemical residue. Store

it in a dry, protected area to prevent freezing damage.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your CCH Endurance feeder.

5.1 Low Chemical Levels in Pool

- **Check Tablet Level:** Ensure there are sufficient chemical tablets in the feeder. Refill if empty.
- **Adjust Flow Rate:** Increase the feeder's output setting to allow for faster dissolution of tablets.
- **Inspect for Clogs:** Check the feeder's internal components and plumbing for any blockages that might restrict water flow.

5.2 Leaks from Feeder

- **Check Connections:** Tighten all plumbing connections and ensure O-rings or gaskets are properly seated and not damaged.
- **Inspect Housing:** Look for any cracks or damage to the feeder body. If damaged, replacement may be necessary.

5.3 Feeder Not Dispensing

- **Verify Water Flow:** Ensure water is circulating through the feeder. Check for closed valves or pump issues.
- **Tablet Condition:** Ensure tablets are not fused together or otherwise preventing proper dissolution.

6. SPECIFICATIONS

Feature	Detail
Product Model Number	73100
Manufacturer	CCH
Product Dimensions	32 x 16 x 16 inches
Item Weight	1 pounds

7. WARRANTY AND SUPPORT

For information regarding product warranty, technical support, or replacement parts, please refer to the official CCH website or contact CCH customer service directly. Keep your purchase receipt and model number (73100) readily available for any inquiries.

Extended protection plans may be available for purchase to cover your investment beyond the standard manufacturer's warranty. Please check with your retailer for details on 2-Year or 3-Year protection plans.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question