



Condenser Coil Cleaning

Subject: Condenser Coil Cleaning

Date: July 25, 2025

Models / Parts Affected: TCIM

Voltages: All Voltages

Overview

This document describes how to clean a TCIM condenser coil.



WARNING! The appliance owner is responsible for performing a Personal Protective Equipment (PPE) Hazard Assessment and ensuring adequate protection during maintenance and cleaning procedures.



Use appropriate tools, safety equipment, and PPE during installation and servicing.



WARNING! Risk of eye injury! Airborne dust and debris can cause eye injury. Eye protection recommended.



WARNING! Electrical shock or burn hazard! Moving parts hazard! Unplug the unit or disconnect power before installing, cleaning, servicing, and maintaining the appliance.



WARNING! Sharp edges! Coil fins are sharp and metal components can have sharp edges. Take care when moving, installing, cleaning, servicing, and maintaining the appliance to avoid cuts.



Required Tools

Required tools include (but may not be limited to) the following:

- Eye Protection
- Gloves
- Phillips Screwdriver
- Long Soft-Bristled Brush
- Compressed Air



IMPORTANT! Only use chemical cleaners or detergents when **absolutely necessary** and water alone cannot clean the condenser coil. If necessary, use a **pH neutral degreaser** (alkaline degreaser no higher than 8 pH or acidic degreaser no lower than 6 pH) that **DOES NOT** contain hydrofluoric acids.

Procedure

Part 1: Condenser Coil Cleaning

1. Disconnect or turn off power to the machine.
2. Open the front panel. See "Appendix A (pg. 3).
3. Remove the top and side panels. See "Appendix A (pg. 3).
4. Remove the top condenser plate. See fig. 1.
5. With a soft-bristled brush, carefully clean dirt from the condenser coil fins.

NOTE: DO NOT damage the micro-channel condenser coil. NEVER brush across coil fins. See fig. 2.

6. With a flashlight, verify there are no blockages inside the coil. If there are blockages, gently blow compressed air through the coil fins until the blockages have been removed.
7. Reinstall removed parts.
8. Restore power and verify operation.
9. Proceed to "Part 2: Reset Maintenance Reminder".

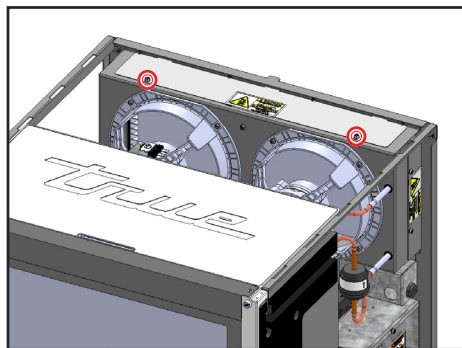


Fig. 1. Condenser plate screw locations.

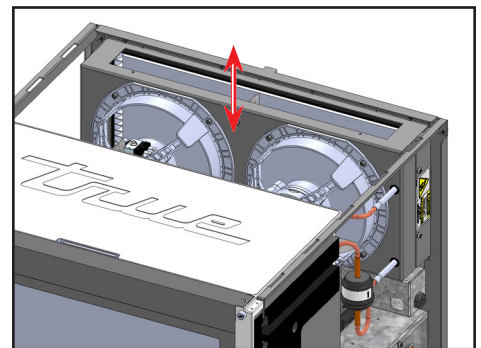


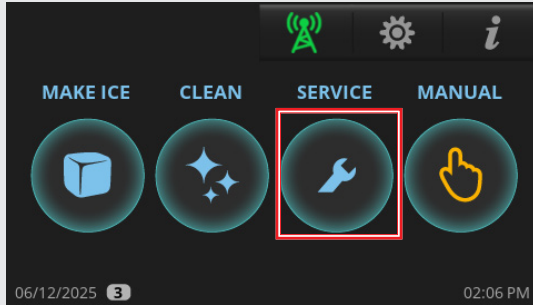
Fig. 2. Never brush across coil fins.



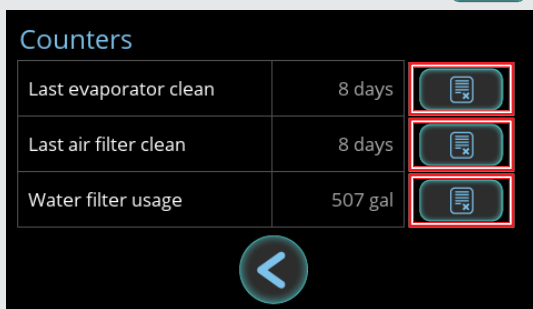
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Part 2: Reset Maintenance Reminder

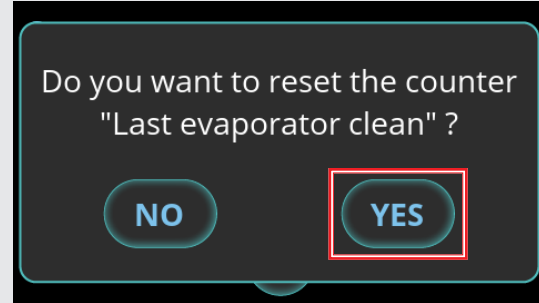
1. In the home screen, press **SERVICE**.



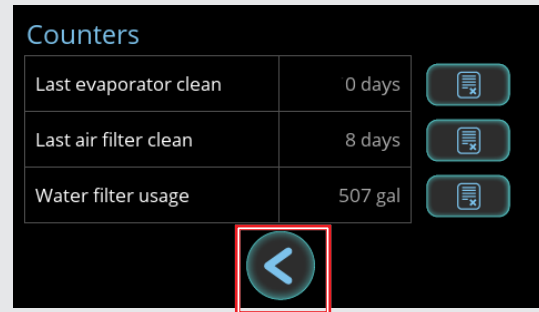
2. In the **Counters** screen, press counter reset .



3. In the confirmation dialog screen, press **YES**.



4. After resetting the maintenance counter, press back  to return to the home screen.





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Appendix A: Panel Removal

Front Panel

1. Remove the front panel screws. See fig. 1.
2. Open the front panel(s). See fig. 2.



Fig. 1. Front panel screw locations.

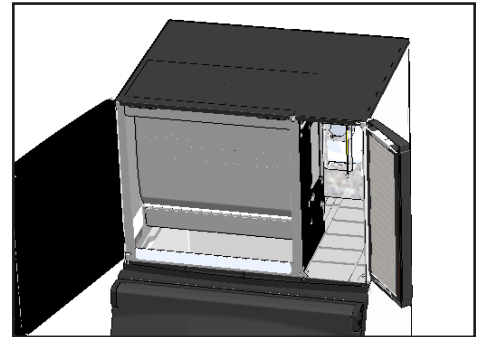


Fig. 2. Open the front panels.

Top Panel

1. Open the front panel(s).
EXCEPTION: TCIM-622/822 Remove the front filter grill. See fig. 3.
2. Carefully lift the top panel's front. Then, slide the top panel towards the ice machine's rear. See fig. 4.
3. Remove the freed top panel.



Fig. 3. Front filter grill screw locations.

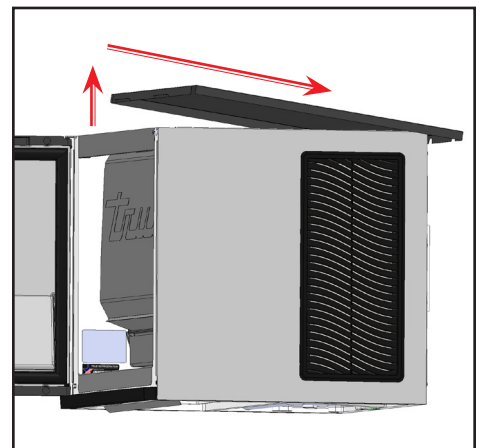


Fig. 4. Lift the front edge, slide the top panel back, and then lift the panel.

Side Panel

1. Open the front panel.
2. Remove the top panel.
3. Remove the side panel's rear screw. See fig. 5.
4. Pull the side panel from the bottom fasteners. Then, lift the side panel. See fig. 6.

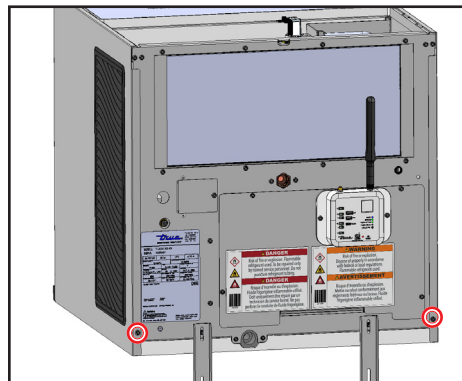


Fig. 5. Side panel screw locations.

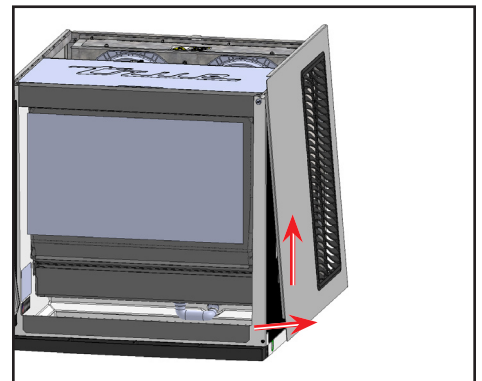


Fig. 6. Pull the panel from the adhering tabs and then lift.

Questions or Concerns

For more information, please contact our Technical Support team.

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