

KNOWLEDGE SHARING

Question/Issue/Symptom/Problem:

The TSX505 & TSG505 refrigerator green residue or water pooling in the bottom interior.

Resolution/Answer:

The 5.5 +5°C refrigerator has a small drain tube in the rear of the unit that may become blocked by debris and cause condensation to back up into the rear of the unit. Follow Instructions below for unblocking a clogged drain tube.



Note: The source of the inorganic green residue material is plating of an internal heat exchanger and a oxidized nickel . blocked drain tube. It is not harmful to the cooling performance of the product and clean with a cloth and nonabrasive cleaning solution.

Necessary Equipment: Philips screwdriver/7mm socket; 1 can compressed air; 33M631 Copper brush on Granger.com; Alcohol wipes/cleaner; M4x50 screw

11. Move product in refrigerator to another unit to avoid spilling. Prepare the unit by laying it face down on a mat, foam, or carpet. Once down, use the Philips screwdriver or 7mm socket to remove the drip tray as seen below.



22. Once the two screws are disconnected unhook the two connectors and set the drip tray aside. Use caution when removing connectors.



33. Once removed you will see the small drain tube. The first step will be to take the compressed air and blow short bursts through the tube. The small bursts may dislodge the blockage so try to insert the compressed air tube all the way.



44. Next, take the copper wire brush as listed in the Necessary Equipment and run it through the drain hole to ensure it is unblocked.



5. Alternatively you can use the M4x50 screw, also listed in the Necessary Equipment section to push through the drain hole to ensure there are no blockages.



6. Before reinstalling the drip tray, take an alcohol wipe or another type of non-abrasive cleaner and wipe down the drip tray. Use the same alcohol wipes or non-abrasive cleaner if there is any residue on the interior of the unit.



7. After these steps are completed, reinstall the drip tray and set the unit up right. Ensure the unit is level for proper draining to occur. Lastly, if possible take a small cup of water and pour it into the rear of the unit, allowing it to drain into the drip pan. After this, set the unit to "Defrost" mode to evaporate the water.



If Needed to Replace Pan see Instructions Below:

Appendix: TSX 505 Service Manual - removing the rear drip pan.

14.3.1 Replacing the Evaporation Tray

Difficulty Level	Time Required	Repair Parts	Tools Required
Easy	10 minutes	Evaporation tray(100047H01)	Philips head screwdriver

1. Unplug the unit from the power source by disconnecting both sides of the power cord.
2. Remove the two screws securing the evaporation tray to the back of the refrigerator.



3. Slide the tray away from the refrigerator.
4. Disconnect the two electrical connections between the tray and the refrigerator.
5. Replace with a new evaporation tray.
6. Connect the two electrical connection from the tray to the refrigerator.
7. Slide and lift the tray so that the screw holes in the refrigerator align with screw holes in the evaporation tray.
8. Secure the tray to the refrigerator by installing two Phillips head screws.

Reinstall

Verifications Process

1. Connect power to the refrigerator.
2. Pour 4 oz. of water in the evaporation tray.
3. Wait for 15 minutes and verify that the evaporator tray is warm to the touch.

Title:

Drain Clearing Instructions for TSX505 and TSG505 Refrigerators

Audience:

Public

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