

InSinkErator 177233

InSinkErator Evolution Essential 3/4 HP Garbage Disposer User Manual

Model: 177233

1. IMPORTANT SAFETY INFORMATION

Please read all instructions thoroughly before installing or using your InSinkErator Evolution Essential garbage disposer. Keep this manual for future reference.

- Always turn off the electrical power at the fuse box or circuit breaker before attempting installation, maintenance, or servicing.
- Wear safety glasses during installation and maintenance.
- Do not put hands or utensils into the disposer while it is operating.
- Ensure proper grounding to reduce the risk of electric shock.

2. PRODUCT OVERVIEW

The InSinkErator Evolution Essential is a 3/4 horsepower household garbage disposer designed for efficient and quiet food waste disposal. It features advanced grinding and sound reduction technologies.



Image: InSinkErator Evolution Essential 3/4 HP Garbage Disposer, front view.

Key Features:

- **SoundSeal Technology:** Delivers quieter performance compared to standard disposers.
- **MultiGrind Technology:** Two-stage grind process to efficiently handle various food waste types.
- **Dura-Drive Induction Motor:** Powerful 3/4 horsepower motor for reliable operation.
- **Stainless Steel Components:** 40 oz. grind chamber and grind components for durability and longevity.



Image: Side view of the InSinkErator Evolution Essential Disposer, showing the mounting assembly.



Image: Circular badge indicating the product is Assembled, Invented & Designed in USA.

3. INSTALLATION

Proper installation is crucial for the safe and efficient operation of your disposer. If you are unsure about any steps,

consult a qualified plumber.

Tools and Materials Required:

- Safety glasses
- Screwdrivers (Phillips and flathead)
- Adjustable pliers
- Plumber's putty
- Putty knife
- Hammer (if connecting to dishwasher)
- Power cord kit (if not replacing an existing corded unit)

Installation Steps:

1. **Turn Off Power:** Locate the circuit breaker or fuse box and turn off the power to the disposer area.
2. **Remove Old Disposer (if applicable):** Disconnect the drain trap, support the disposer, and loosen the mounting ring to detach it from the sink flange. Disconnect electrical wiring.
3. **Prepare Sink Flange:** Clean the sink opening thoroughly. Apply a 1/2-inch rope of plumber's putty around the sink drain opening. Insert the new sink flange into the opening and press firmly.
4. **Install Mounting Assembly:** From under the sink, slide the fiber gasket, backup ring, and mounting ring onto the sink flange. Secure the snap ring. Tighten the three mounting screws evenly until the assembly is tight against the sink.
5. **Dishwasher Connection (if applicable):** If connecting to a dishwasher, tap out the dishwasher knockout plug from the disposer's inlet using a screwdriver and hammer. Remove the loose plug from inside the disposer.
6. **Electrical Connection:** Remove the electrical cover plate on the bottom of the disposer. Connect the disposer's wires to the household electrical supply wires using wire connectors. Ensure proper grounding. Secure the power cord.
7. **Mount the Disposer:** Align the three mounting tabs on the disposer with the slide-up ramps on the mounting ring. Lift and twist the disposer until it locks into place.
8. **Connect Drain Lines:** Insert the disposer's discharge tube into the drain trap. Rotate the disposer to align with your existing plumbing. Secure all connections with clamps.
9. **Test for Leaks:** Turn on the water and check all connections for leaks. Tighten as necessary.
10. **Restore Power:** Turn the electrical power back on at the circuit breaker or fuse box.



Video: Detailed instructions on how to install a food waste disposer.

4. OPERATING INSTRUCTIONS

The InSinkErator Evolution Essential is designed for efficient and safe operation. Follow these guidelines for optimal performance.

How Your Disposer Works:

Unlike blenders, your disposer does not use blades. Instead, impellers (lugs) on a spinning plate use centrifugal force to push food waste against a stationary grind ring. The grind ring breaks down the food waste into very fine particles, which are then flushed away with water.



Video: An animated explanation of how a food waste disposer functions.

General Usage:

1. Turn on a medium stream of cold water.
2. Turn on the disposer.
3. Scrape food waste into the disposer opening.
4. After grinding is complete, turn off the disposer and let the water run for a few seconds to flush the drain line.

Acceptable Food Waste:

The MultiGrind Technology allows for grinding of most food scraps, including fruit and vegetable peels, small bones, coffee grounds, and food leftovers.

Items to Avoid:

- Large or hard bones (e.g., beef, pork chop bones)
- Fibrous materials (e.g., corn husks, artichokes, celery stalks in large quantities)
- Grease or fat
- Non-food items (e.g., plastic, glass, metal, paper)



Video: An animated short discussing the environmental impact of food waste and the benefits of using a disposer.

5. MAINTENANCE

Regular maintenance helps keep your disposer running smoothly.

Cleaning Your Disposer:

- **Regular Flush:** Always run cold water for a few seconds after grinding to flush out any remaining food particles.
- **Deep Clean:** Grind a tray of ice cubes to help clean the grind chamber and impellers. Follow with citrus peels (lemon, orange) to freshen the scent.

6. TROUBLESHOOTING

If your disposer encounters an issue, try these common troubleshooting steps.

Disposer Not Starting:

- **Check Power:** Ensure the circuit breaker is not tripped.
- **Reset Button:** Press the red reset button on the bottom of the disposer.

Disposer Hums But Doesn't Grind:

- This usually indicates a jam. Turn off the disposer and the water.
- Insert the disposer's self-service wrench (Allen wrench) into the center hole on the bottom of the disposer and turn it back and forth until the jam is cleared.
- Remove the wrench, then reach into the disposer with tongs or pliers (never your hand) to remove the object causing the jam.
- Press the reset button on the bottom of the disposer, then turn on the water and the disposer to test.

Leaks:

- Check all plumbing connections for tightness.

- Inspect the sink flange for proper sealing with plumber's putty.
- If the leak is from the disposer housing itself, contact customer support.

7. SPECIFICATIONS

Feature	Detail
Manufacturer	InSinkErator
Part Number	74029
Item Weight	25.2 pounds
Product Dimensions	14 x 10 x 13 inches
Item Model Number	177233
Color	Gray
Material	Stainless-steel
Voltage	120 Volts
Item Package Quantity	1
Date First Available	July 14, 2008

8. WARRANTY AND SUPPORT

Warranty Information:

This InSinkErator Evolution Essential disposer comes with a 6-year In-Home Limited Warranty covering all parts and labor. Please refer to the warranty card included with your product for full terms and conditions.

Customer Support:

For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact InSinkErator customer service. Contact details can typically be found on the manufacturer's official website or on your product packaging.

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

Anonymous

Email

you@example.com

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