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› BLANCO 442978 3/4 HP Food Waste Garbage Disposal User Manual

BLANCO 442978

BLANCO 442978 3/4 HP Food Waste Garbage Disposal

User Instruction Manual

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your BLANCO 442978 3/4 HP Food Waste Garbage Disposal. Please read all instructions carefully before installation and use. Keep this manual for future reference.

The BLANCO 442978 is a continuous feed food waste disposer featuring a 0.75 horsepower AC induction motor that produces 1700 RPM. It is designed with a 3-bolt installation system for ease of setup and includes durable stainless steel grinding components for effective food waste processing.

2. SAFETY INFORMATION

WARNING: Risk of Electric Shock, Injury, or Property Damage.

- Always disconnect power to the disposal unit before attempting installation, maintenance, or clearing a jam.
- Do not put hands or fingers into the disposal opening. Use tongs or other tools to retrieve objects.
- Never dispose of flammable materials, caustic chemicals, or non-food items (e.g., glass, metal, plastic, large bones, corn husks, fibrous materials) into the unit.
- Ensure proper grounding according to local electrical codes.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Always run cold water when operating the disposal.

3. SETUP AND INSTALLATION

The BLANCO 442978 features an easy-to-install 3-bolt mounting system and comes with a pre-installed power cord for simplified setup. Professional installation is recommended if you are not familiar with plumbing and electrical procedures.

Installation Steps Overview:

1. **Prepare the Sink:** Ensure the sink flange opening is clean and free of debris. Remove any existing disposal or drain assembly.
2. **Mount the Sink Flange:** Apply plumber's putty around the sink flange and press it firmly into the sink opening. Secure the support ring and mounting bolts from underneath the sink.
3. **Connect the Disposal:** Lift the disposal unit and align the three mounting tabs with the mounting ring. Twist the unit until it locks into place.
4. **Connect Plumbing:** Attach the discharge pipe to the disposal unit and connect it to your household drain system. Ensure all connections are tight to prevent leaks. If connecting to a dishwasher, remove the knockout plug.
5. **Electrical Connection:** The unit comes with a pre-installed power cord. Plug it into a properly grounded 120V outlet. If hardwiring, ensure power is off at the circuit breaker and follow local electrical codes.
6. **Test for Leaks:** Run cold water through the sink and check all connections for leaks.





Figure 3.1: BLANCO 442978 Garbage Disposal installed under a kitchen sink.



Figure 3.2: BLANCO 442978 Garbage Disposal under a sink, highlighting its compact form.

4. OPERATING INSTRUCTIONS

Your BLANCO 442978 is a continuous feed disposal, meaning you can add food waste while the unit is running.

General Operation:

1. Turn on the cold water faucet to a moderate flow.
2. Turn on the disposal unit using its dedicated switch.
3. Slowly feed food waste into the sink opening. The unit's 3 grinding stages will efficiently process nearly any food waste.
4. Allow the disposal to run until all food waste is cleared and only the sound of the motor and running water is heard.
5. Turn off the disposal unit, then turn off the cold water after a few seconds to flush the drain line.

Recommended Items for Disposal:

- Vegetable scraps (peels, small pieces)
- Fruit scraps (peels, cores)
- Small meat scraps
- Cooked food leftovers

Items to Avoid:

- Large bones, fruit pits, corn husks, artichokes, onion skins, banana peels (fibrous materials)
- Grease, fats, oils (can solidify and clog pipes)
- Glass, metal, plastic, rubber, fabric
- Harsh chemicals or drain cleaners

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your BLANCO garbage disposal. The powerful, stainless steel grinding components are designed to protect plumbing from clogs, but proper care is still essential.

Cleaning and Care:

- **Regular Flushing:** Always run cold water for several seconds after turning off the disposal to flush any remaining food particles from the grinding chamber and drain pipes.
- **Odor Control:** To eliminate odors, grind citrus peels (lemon, orange) with cold water. This helps clean the grinding chamber and freshens the drain.
- **Deep Cleaning:** Occasionally, you can grind a tray of ice cubes with cold water. This helps to dislodge food particles and clean the grinding elements.
- **Avoid Harsh Cleaners:** Do not use chemical drain cleaners in your disposal, as they can damage the unit and plumbing.

6. TROUBLESHOOTING

Before calling for service, review these common issues and solutions.

Disposal Does Not Start:

- **Check Power:** Ensure the unit is plugged in (if applicable) and the wall switch is on. Check your home's circuit breaker or fuse box.
- **Reset Button:** The disposal has an overload protection reset button located on the bottom of the unit. If the motor stops during operation, it may have overheated. Wait 5-10 minutes for the motor to cool, then press the red reset button firmly.

Disposal Hums But Does Not Grind:

- This indicates an object is jammed between the grinding plate and the grinding ring.
- **Clear Jam: IMPORTANT: Turn off the power switch to the disposal before proceeding.** Look into the drain opening with a flashlight to identify the object. Use tongs or pliers to remove it.
- If no object is visible, insert a 1/4-inch Allen wrench (provided with the unit) into the center hole on the bottom of the disposal. Rotate the wrench back and forth to free the grinding plate.
- Once the jam is cleared, remove the wrench, press the reset button (if it tripped), and turn on the power. Run cold water and test the disposal.

Leaks:

- **Check Connections:** Inspect all plumbing connections (sink flange, discharge pipe, dishwasher connection) for looseness. Tighten as necessary.
- **Sink Flange:** If the leak is from the top of the disposal, the sink flange may need to be resealed or tightened.
- If leaks persist, contact customer support.

7. SPECIFICATIONS

Feature	Detail
Model Number	442978
Horsepower	3/4 HP
Motor Type	AC Induction Motor
RPM	1700 RPM
Feed Type	Continuous Feed
Grinding Stages	3
Grinding Components	Stainless Steel
Installation System	3-Bolt
Power Cord	Pre-installed
Voltage	120 Volts
Noise Level	<60 decibels (moderate)
Item Weight	21 pounds
Product Dimensions	13.4 x 8 x 8 inches
Material	Plastic
Color	Black

8. WARRANTY INFORMATION

BLANCO products are manufactured to high-quality standards. Specific warranty details for your BLANCO 442978 Food Waste Garbage Disposal are typically included with the product packaging or can be found on the official BLANCO website. Please retain your proof of purchase for warranty claims. For detailed warranty terms and conditions, please visit the official BLANCO website or contact BLANCO customer service.

9. SUPPORT

If you encounter any issues not covered in this manual or require further assistance, please contact BLANCO customer support. Have your model number (442978) and purchase information ready when you call.

You can typically find contact information for BLANCO customer service on their official website:
www.blancoamerica.com

