

PHANTOM1 INSTRUCTION MANUAL



SEE INSERT FOR SPECIFIC INFORMATION ABOUT YOUR NEW DISPOSER

- NOTE:** This Food Waste Disposer has been designed to operate on 110-120 volts, 60Hz exclusively. Using any other voltage or frequency may adversely affect performance
- IMPORTANT:** Read all instructions thoroughly. Keep this guide for future reference.
- CAUTION:** Be sure to review SAFETY INSTRUCTIONS FIRST PERTAINING TO A RISK OF FIRE, ELECTRICAL SHOCK OR INJURY TO PERSONS before using disposer.

RECORD IMPORTANT DISPOSER INFORMATION HERE

MODEL NUMBER*

SERIAL NUMBER*

*Above information appears on the label affixed to the bottom of the disposer. For your convenience, write down the model and serial number prior to installation. **Proof of purchase is required for Warranty.**
Staple receipt or proof of purchase to this manual for easy reference.
Warranty is non-transferable.

IMPORTANT SAFETY INSTRUCTIONS

INSTRUCTIONS PERTAINING TO A RISK OF FIRE , ELECTRIC SHOCK OR INJURY TO PERSONS. SAVE THESE INSTRUCTIONS.

1. Read all instructions before using the appliance.
2. To prevent any danger to children, use the device with particular care when they are present.
3. Do not allow your hands or any body parts to enter the crushing chamber during the operation of the device.
4. Before disassembling or cleaning the device, be sure to disconnect it from the power supply.
5. To clean the device, use specialized pliers or wrenches with long handles.
6. This device is prohibited for use in crushing: oysters or other mollusks, or products made of glass, plastic, or metal.
7. The use of cleaning agents for sewer systems is prohibited.
8. To prevent foreign objects from entering the device after use, be sure to close the access opening.
9. Immediately after installation, and within 24 hours, carefully check the device for any water leaks.
10. Before connecting the device to a power source, ensure that the voltage and frequency of the power supply match the voltage specified on the device's labeling.
11. It is prohibited to operate a faulty device, including one with a damaged power cord or plug. If the power cord is damaged, please contact the service center for replacement.
12. In the absence of a grounded power supply, the equipment must be reliably grounded by connecting it to the room's grounding circuit.
13. Improper grounding of a device can lead to an electric shock.
14. It is prohibited to make any modifications to the design of the component included in the assembly set.

The receptacle to which this appliance is connected must be controlled by a switch.

1. REMOVAL OF OLD UNIT

TYPICAL INSTRUCTIONS, YOUR MODEL MAY VARY.

Before starting this step, turn off electrical power at the circuit breaker or fuse box. Unplug disposer.

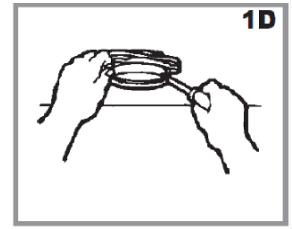
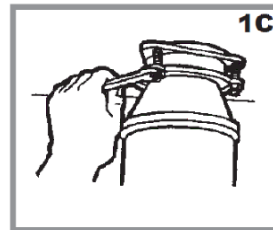
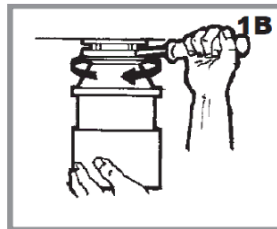
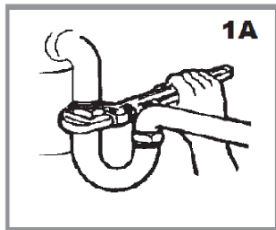
If your old mount is the same type as the mount on your new disposer, just reverse the assembly instructions found in section 3. If your new mount system is different, follow these instructions:

1. Have container available to catch any excess water/ waste from current disposer.
2. Use a pipe wrench to disconnect drain line where it attaches to disposer discharge elbow (see 1A).
3. Remove disposer from sink flange by turning the mount ring clockwise (see 1B). If you are unable to turn the mount ring, tap on one of the extensions from the ring with a hammer. Some mounting systems have tubular extensions. Inserting a screwdriver into one tube will provide additional leverage for turning the mount ring (see 1B). Some disposers may require the removal or loosening of nuts from the mount screws (see 1C). Some disposers may require the removal clamp.

Caution: Be sure to support the disposer while performing this step or it may fall when the mounting ring is disconnected from mounting assembly.

4. To remove remaining mount system from the sink, loosen mount screws, push mount ring up. Under it is the snap ring. Use screw driver to pop off ring (see 1D). Remove mount ring, protector ring and gasket from sink flange. Some mounts will require the unscrewing of a large ring holding the sink flange in place. Pull sink flange up through sink and clean off old putty from sink.
5. Ensure that sink is clean and thoroughly dry.

IMPORTANT: This is a good time to clean out the trap and drain lines by running a drain auger or plumber's snake before installing your new disposer.

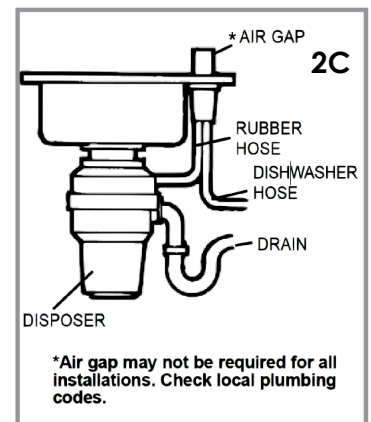
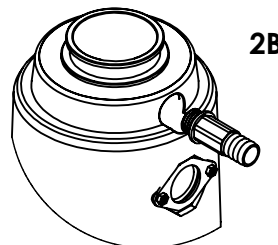
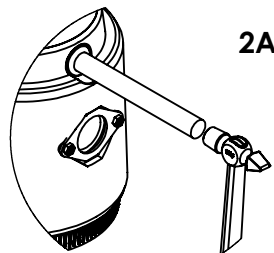


2. DISHWASHER CONNECTION

IF THE DISHWASHER IS NOT TO BE CONNECTED GO ON TO SECTION 3.

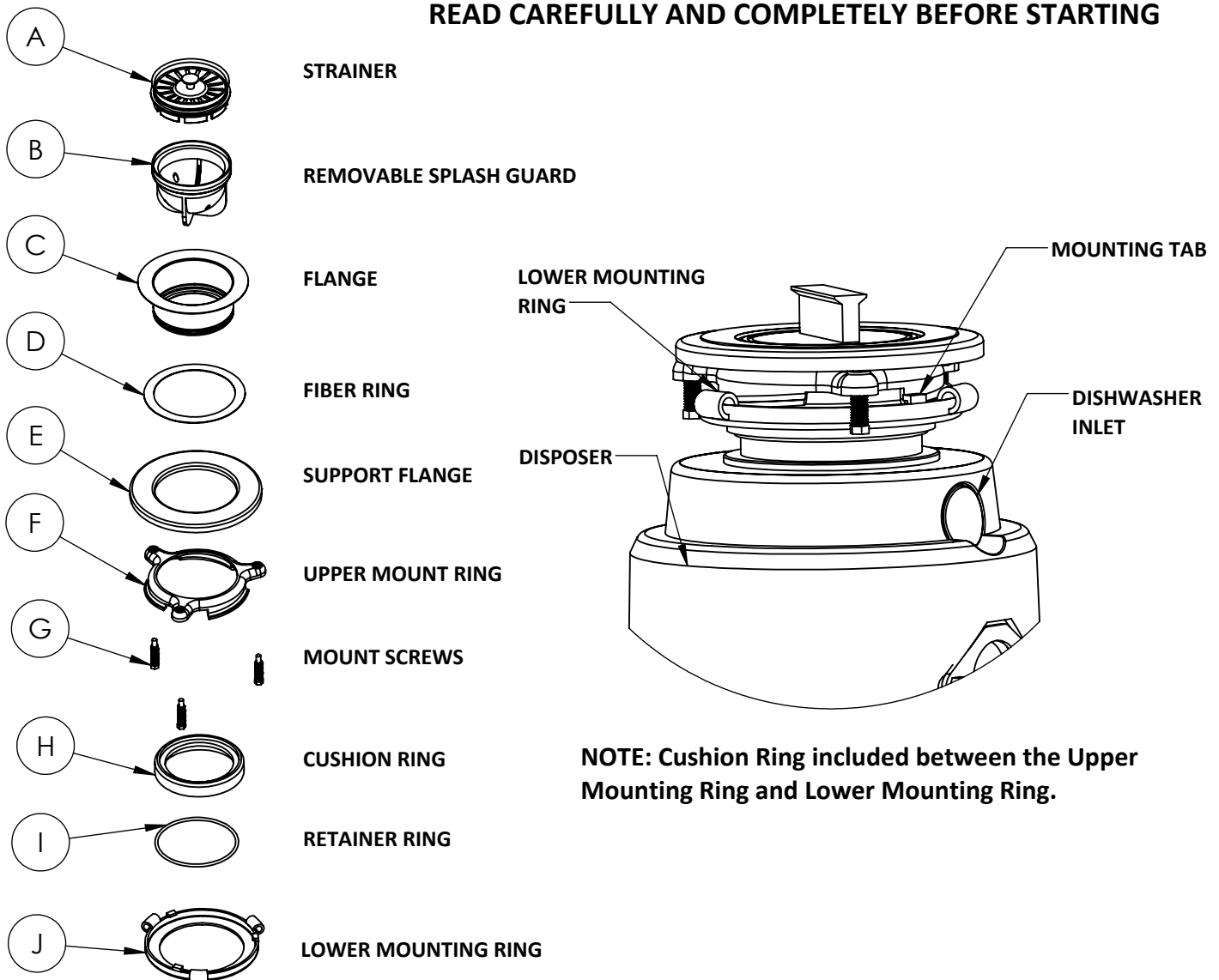
If utilizing a dishwasher, complete the following procedure.

1. Using a blunt instrument, (steel punch or wooden dowel), knock out both inner and outer plugs (see 2A). Do not use a screw driver or sharp instrument. (When knockout plug fall into disposer grinding chamber, you may remove it or grind it up when the disposer is used. This will not damage the disposer in any way, but may take some time to grind and cause noises.
2. Install dishwasher adapter by applying Teflon tape on thread and screwing it on (see 2B).
3. Then connect dishwasher hose (see 2C) using hose clamp. Make sure all plumbing connections are tight and in accordance with all plumbing codes and ordinances. Run water and check for leaks.



3. INSTALLATION OF MOUNTING ASSEMBLY

READ CAREFULLY AND COMPLETELY BEFORE STARTING



NOTE: Cushion Ring included between the Upper Mounting Ring and Lower Mounting Ring.

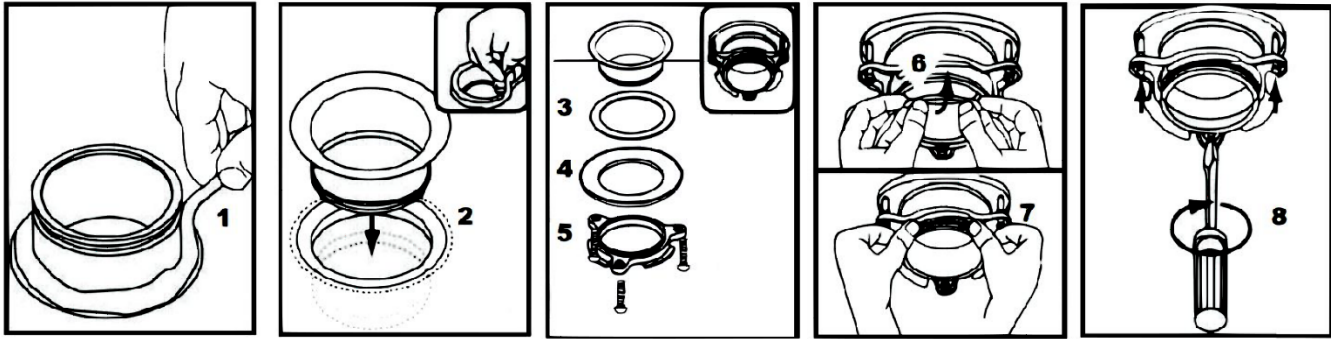
NOTE: As the mounting assembly is properly assembled at the factory, please pay close attention to the order of the mounting system parts.

1. **The Cushion Ring and the Lower Mount Ring will remain attached to the disposer during installation.** Take apart the other parts of the mounting assembly by rotating Lower Mount Ring (J) clockwise until the Lower Mount Ring Tabs slide off from the Upper Mount Ring ramp. This allows you to pull the Sink Flange up and out of the remaining Lower Mount Assembly. Note the order of these parts as they are arranged in the required order. Unscrew 3 Mount Screws until the Upper Mount Ring can be moved to the top of the Support Flange. Remove Retainer Ring with screw driver.

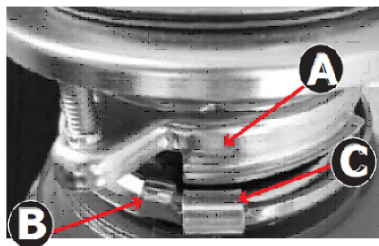
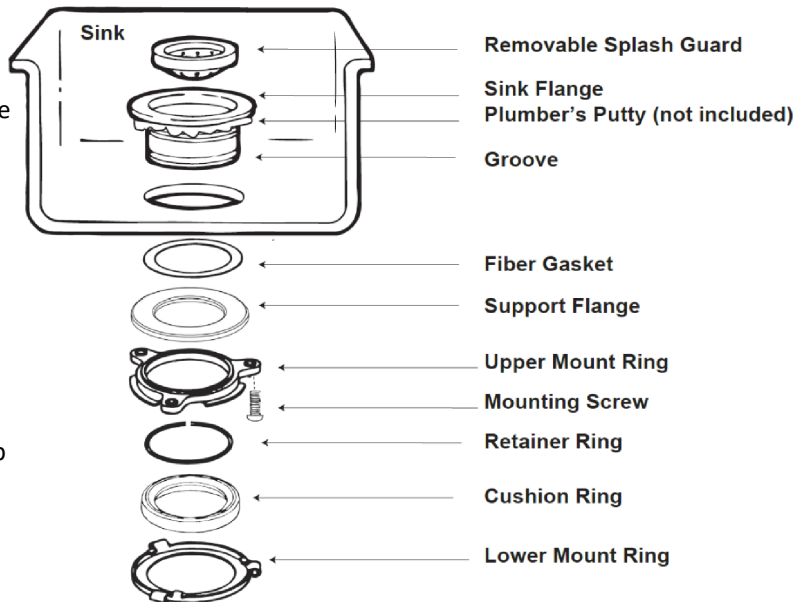
CAUTION: DO NOT OVER EXTEND RING WHEN REMOVING

2. Keep the remaining parts placed together in the order they were removed. Before you connect the disposer to the mount under the sink, make sure the Lower Mount Ring is in place and the black Cushion Ring is still engaged properly to the top of the hopper (Do Not Remove It).

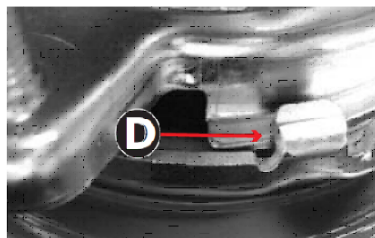
3. INSTALLATION OF MOUNTING ASSEMBLY (CONTINUED)



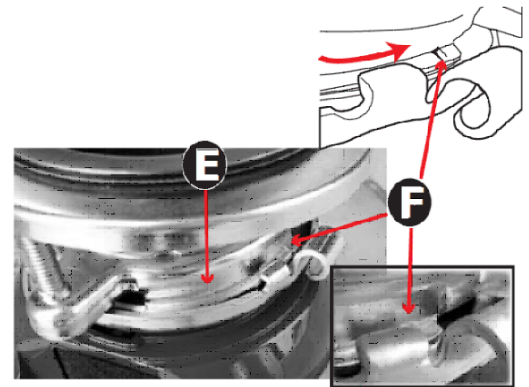
3. Be sure the sink is clean. Load the underside rim of the sink flange with plumber's putty (1). From top of the sink, push the sink flange down against the sink opening to make a good seal (2). **DO NOT MOVE OR ROTATE** the sink flange once it has been seated or the seal may be broken.
4. Place a heavy object, such as the disposer (use a towel to prevent sink scratching) on top of the Sink Flange to hold it down.
5. Take the remaining portion of the mount assembly, that was put aside. From under the sink insert the Fiber Gasket (3), then the Support Flange (4), and then the Upper Mount Ring (5).
6. Hold the three parts in place while attaching the Retainer Ring (6) by pulling it apart and having it snap within the groove of the sink flange (7).
7. Tighten the three Mount Screws evenly and firmly against the Support Flange (8). Do not over tighten.
8. Trim off any excess plumber's putty.
9. Attach disposer onto the Upper Mount Ring by aligning the three mount tabs on the Lower Mount Ring with the slide-up Ramps on the Upper Mount Ring and rotating counter clockwise. See Below.



The lower mounting ring (which is part of the disposer) has 3 tabs that grab the mounting ring ramp. (A) points to the Upper Mount Ring. (B) is the tab that slides up onto the "Ramp". (C) is the "Ear" that is used to help rotate the Lower Mount Ring. Use a screwdriver for leverage if needed.



Lift and turn the Lower Mount Ring counter clockwise until all three mount tabs lock over the Ridges (F) on the slide-up Ramps (D) of the Upper Mount Ring.



As the Lower Mount Ring is turned counter clockwise each tab slides up onto the Upper Mount Ring Ramp (E) and locks in position over the Ridges (F).

Use a screwdriver or hammer for leverage if needed.

If a disposer needs to be removed, tapping on the Ear clockwise with a hammer will easily loosen the Lower Mount Ring.

4. ELECTRICAL CONNECTIONS

A. Connect the disposer only to an appropriate household electrical supply.

The receptacle to which this appliance is connected must be controlled by a switch.

WARNING: IMPROPER CONNECTION OF THE EQUIPMENT-GROUNDING CONDUCTOR CAN RESULT IN A RISK OF ELECTRIC SHOCK. CHECK WITH A QUALIFIED ELECTRICIAN OR SERVICEMAN IF YOU ARE IN DOUBT AS TO WHETHER THE APPLIANCE IS PROPERLY GROUNDED. DO NOT MODIFY THE PLUG PROVIDED WITH THE APPLIANCE IF IT WILL NOT FIT THE OUTLET. HAVE A PROPER OUTLET INSTALLED BY A QUALIFIED ELECTRICIAN.

GROUNDING INSTRUCTIONS

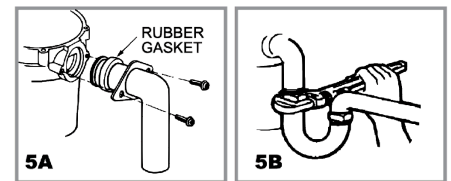
FOR WASTE DISPOSERS EQUIPPED WITH A GROUNDED PLUG-IN POWER CORD.

B. This appliance must be grounded. In the event of malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This appliance is equipped with a cord having an equipment-grounding conductor and

a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances. If the supply cord is damaged it must be replaced by the manufacturer, its service agent or similarly qualified person in order to avoid a hazard. **Removing an attached power cord or plug voids the warranty.**

5. ATTACHING DISCHARGE ELBOW

- A. Connect waste elbow to the disposer (see 5A), proceed to step 6 and then connect bottom of the elbow by tightening the slip nut (see 5B). If using a straight pipe, it must have a lip similar to the one on the elbow. Remove the gasket from the elbow and install it on the straight pipe with the flat end of the gasket facing toward the disposer discharge opening.
- B. If you are connecting to a dishwasher, return to section 2B. If not, make sure all plumbing connections are tight and in accordance with all plumbing codes and ordinances. Run water and check for leaks.



6. OPERATING INSTRUCTIONS

The Anti-Jam Swivel Impellers make a clicking sound as they initially swing into place. This indicates normal operation.

- A. Remove sink stopper. Turn on a medium flow of cold water.
- B. Turn switch to ON position: the motor will start at its lowest speed and is ready for use.
- C. Scrape in food waste. Down the drain go table scraps, peelings, rinds, seeds, pits, small bones and coffee grounds. Once the disposer detects food waste, it will automatically increase its operating speed. **(Note: Disposer will shut down if no waste is detected after 1 Minute).** To further speed up food waste disposal, cut or break up large bones, rinds and cobs. Large bones and fibrous waste require considerable grinding time and are more easily thrown away with other trash.
- D. Before turning disposer off, let water and disposer run for approximately 15 seconds after shredding or grinding stops. This assures that all waste is thoroughly flushed through trap and drain.
- E. It is not recommended to use hot water while running disposer. Cold water will keep waste and fats solid so disposer can flush away particles.
- F. If disposer is not turned off via switch after grinding all waste, disposer speed will slow down to starting speed after **20 seconds**. After no load is detected in starting speed, disposer will shut down after **1 Minute** (This applies to both Air Switches and Wall Switches).
- G. **If disposer has turned off by itself because no load was detected after 1 Minute and starting speed, the Air/ Wall Switch used would need to be switched off and then back on to operate disposer again.**

7. TIPS FOR SUCCESSFUL OPERATION

- A. Be sure disposer is empty before using your dishwasher so it may drain properly.
- B. You may want to leave the stopper in the sink drain when not in use to prevent utensils and foreign objects from falling into the disposer.
- C. Your disposer is ruggedly built to give you many years of trouble free service. It will handle all normal food wastes, but it will NOT grind or dispose of such items as plastic, tin cans, bottle caps, glass, leather, cloth, rubber, string, clam and oyster shells, aluminum foil or feathers.
- D. Do not grind beef or pork bones, crustacean shells, large quantities of eggshells, or fibrous materials—such as corn leaves, artichokes, banana peels, etc.—to prevent potential clogging of the pipeline.
- E. Do not load a large quantity of food into the device's chamber at once; instead, turn on the water and the device first, then gradually add waste.

8. TROUBLESHOOTING

Before seeking repair or replacement, we recommend that you review the following:

LOUD NOISES: (Other than those during grinding of small bones and fruit pits): These are usually caused by accidental entry of a spoon, bottle cap or other foreign object. To correct this, turn off electrical switch and water. After disposer has stopped, remove splash guard, remove object with long handled tongs, and replace splash guard.

UNIT DOES NOT START: Unplug power cord or turn either the wall switch or breaker box switch to "OFF" position, depending on your model and wiring configuration. Remove stopper and/or splash guard. Check to see if turntable will rotate freely using a wooden broom handle. If turntable rotates freely, replace splash guard and check reset button to see if it has been tripped. Reset button is red and located on the bottom of the disposer. Push button in until it clicks and remains depressed.

If reset button has not been tripped, check for shorted or broken wire connecting to disposer. Check electrical power switch fuse box or circuit breaker. If wiring and electrical component are intact, the unit may have internal problems that require service or replacement,

IF TURNTABLE DOES NOT ROTATE FREELY: The disposer has an automatic unjam feature that causes the disposer to turn in the opposite direction when something is obstructing normal operation. However if this fails feel free to do the following:

Turn off disposer, then check for any foreign object lodged between the turntable and grind ring. Dislodge object by rotating table with a wooden broom handle and remove object. If no foreign object is present, there may be internal problems.

LEAKS: If the unit leaks at the top, it may be due to:

1. Improper seating of sink flange (gasket centering, putty or tightening).
2. Support ring not tightened properly.
3. Defective or improperly installed cushion mount.

If unit leaks at the waste elbow, leak may be due to improper tightening of elbow flange screws.

If any of the above conditions cannot be corrected using the recommended solutions, submit a warranty claim at: <https://mountainplumbing.com/warranty-claims/>

9. CLEANING & MAINTENANCE

DO NOT ATTEMPT TO LUBRICATE YOUR DISPOSER!

The motor is permanently lubricated. The disposer is self cleaning and scours its internal parts with each use. NEVER put lye or chemical drain cleaners into the disposer, as they cause serious corrosion of metal parts. If used, resulting damage can be easily detected and all warranties are void.

Mineral deposits from your water can form on the stainless steel turntable, giving the appearance of rust. DO NOT BE ALARMED, the stainless steel turntables used in the disposer will not corrode.

10.LIGHT INDICATOR MEANING

The device features a light indicator (LED) on its casing. This indicator displays the current operating status of the device.

STATUS	MEANING
Always On	Power is connected, but the device is not working.
Glow White	The device is functioning; grinding is in progress.
Glow Yellow	Malfunction of the light indicator – this does not affect the device's functionality.
The Indicator is Not Lit	Power off

When an error occurs during device operation, the indicator will emit a sound signal accompanied by a corresponding flashing light to alert the user of the problem.

INDICATION	PROBLEM	DESCRIPTION
Flashes four times	Jamming / Stuck	When the device is locked, its rotation direction changes for 0.2 seconds. If the lock remains unresolved after five attempts, the device will shut down; the indicator will flash four times and emit a sound signal. To disable the locking indication, hold the Reset button for 2–3 seconds, then disconnect the device from the power supply.
Flashes 5 times	Overheating	When the device overheats, the indicator flashes five times and emits a sound signal; then the device shuts down.
Flashes 9 times	Current overload	When the current rises sharply, the indicator lights up 9 times and emits a sound signal; the device then shuts down.
Flashes twice	Low voltage	If the input voltage exceeds the permissible range, the device will shut down; the indicator will flash twice and emit a sound signal.