

# INSTALLATION INSTRUCTIONS

## HEAVY-DUTY FOOD WASTE DISPOSER

Retain for Future Reference

Viking Range Corporation  
111 Front Street  
Greenwood, Mississippi 38930 USA  
(662) 455-1200



### IMPORTANT - PLEASE READ, FOLLOW AND KEEP FOR FUTURE REFERENCE

- Before beginning, please read these instructions completely and carefully.
- Do not remove permanently affixed labels, warnings, or plates from the product. This may void the warranty.
- Please observe all local and national codes and ordinances.
- Please ensure that this product is properly grounded.
- The installer should leave these instructions with the consumer who should retain for local inspector's use and for future reference

Electrical installation must be in accordance with the National Electrical Code, ANSI/NFPA 70-latest edition, CSA C22.1 Canadian Electrical Codes Part 1, and/or local codes

### GENERAL INSTRUCTIONS

1. In old houses, it is generally a good practice to clean out the existing drain line from sink to sewer before installing the disposer.
2. The disposer can be installed in all types of sinks with a sink opening of 3 1/2" to 4" (8.9 cm to 10.2 cm) without sink alteration.
3. Standard 1 1/2" (3.8 cm) O.D. or 2" (5.1 cm) O.D. drain pipe is satisfactory for drain lines. Long, horizontal drain lines should be eliminated. Collection and grease traps should not be used.

### PLUMBING INSTALLATION (Refer to Figure 1 on page 2)

1. Remove existing sink drain connection and clean drain opening.
2. Remove disposer cover. Remove sink flange, sink flange seal, and pressure washer by pushing sink flange down and opening snap ring completely clockwise. Hold snap ring fully open and pull sink flange/pressure washer assembly straight up and off.
3. Remove pressure washer and one seal from sink flange.
4. Fit one sink flange seal to sink flange. Insert the sink flange one rubber seal only into the drain opening. Be sure the sink flange is located in the center of the drain opening to assure a watertight seal. NOTE: The rubber sink flange seal should usually be used. However, if the thickness or contour of the sink opening does not permit use of the seal, a permanently pliable sealing compound may be used. Follow directions for applying sealing compound do ensure a proper seal.
5. Reassemble the other rubber sink flange seal and pressure washer onto the sink flange by slipping pressure washer over the appropriate set of thickness depressions and turning so that the depressions lock pressure washer into place.
6. Lift disposer up and onto sink flange until snap ring clicks into snap ring groove. **NOTE: Make sure the red arrow on the sink flange is aligned with the red jaminator button on the disposer. This will ensure the magnets are aligned for proper operation of batch feed models.** Finger tighten the two adjusting screws up until they are in contact with the pressure washer. NOTE: The disposer is now loosely mounted.
7. Connect disposer to house drainage system and tighten drain pipe bolts.
8. Tighten the adjusting screws until leakage stops.
9. Install cover and fill sink with water. Remove cover and check for leaks. If leakage is discovered, evenly tighten adjusting screws until leakage stops.
10. Check to assure the grinding chamber is clean of any foreign objects and the grind wheel is free to rotate. Place cover in position.
11. Installation must be in accordance with local plumbing codes.

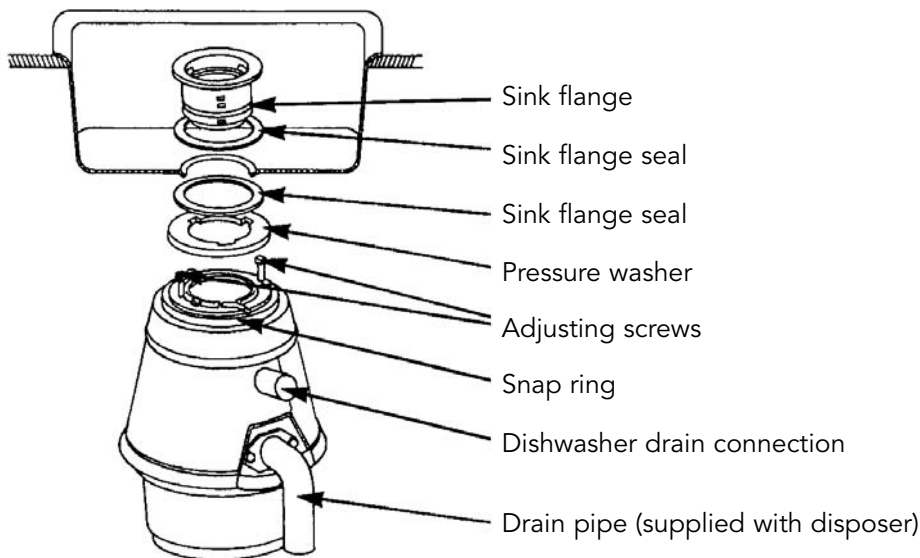


Figure 1

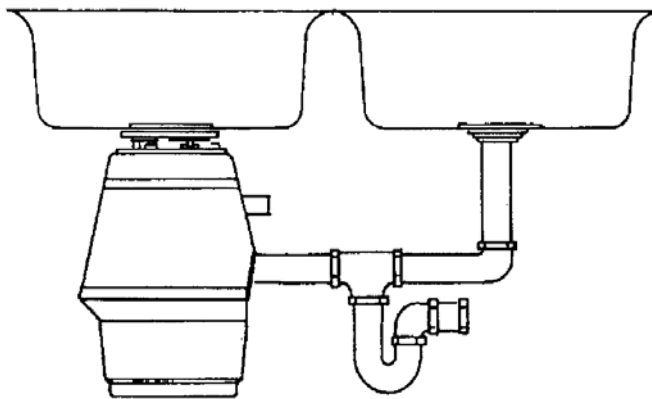
## DISHWASHER CONNECTION

Connecting the discharge of a dishwasher to a disposer will assure all waste particles discharged by the dishwasher are properly sized and flushed to the main drain system. A dishwasher inlet consisting of 7/8" (2.2 cm) diameter O.D. stainless steel tube is provided in the side of the upper housing grinding chamber of all disposers for connection of the dishwasher discharge.

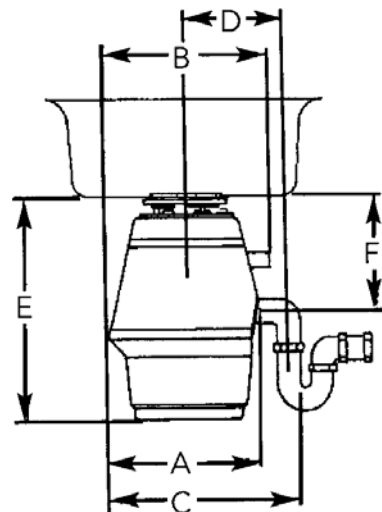
1. Use a long screwdriver to force out the neoprene drain plug.
2. Remove the drain plug from the grinding chamber.
3. Connect the dishwasher drain hose to the disposer inlet using hose clamps.

## TYPICAL INSTALLATIONS

Height of drain should not exceed height of disposer discharge opening.



Connection with straight-away drain



Typical "P" trap connection

MODEL	A	B	C	D	E	F (Rough-in)
Continuous Feed	9 1/2" (24.1 cm)	9 3/4" (24.8 cm)	11" (27.9 cm)	5 1/2" (14.0 cm)	14 3/8" (36.5 cm)	7 1/2" (19.1 cm)
Batch Feed	9 1/2" (24.1 cm)	9 3/4" (24.8 cm)	11" (27.9 cm)	5 1/2" (14.0 cm)	15 5/16" (38.9 cm)	8 3/8" (21.3 cm)

## ELECTRICAL INSTALLATION

### **WARNING: DISCONNECT ELECTRICAL POWER SUPPLY AT THE FUSE/CIRCUIT BREAKER BOX BEFORE MAKING ELECTRICAL CONNECTIONS.**

Follow the National Electrical Code and/or your local codes in all details. In older houses with limited circuits, or if it appears the circuit is heavily loaded, run a line directly to the main fuse box.

Electrical Requirements - 120 Volt, 60 Hz, 10 Amps

#### **Batch Feed Models**

1. Remove the electrical access cover on the bottom of the disposer.
2. Pull out the two leads provided.
3. Install standard strain relief connector (not furnished) into the threaded opening in bearing bracket assembly.
4. Insert electrical power supply line connector. Tighten connector.
5. Connect electrical power supply line to the two leads provided. Connect to ground. (See grounding instructions below). Press wires into electrical access compartment and replace cover.

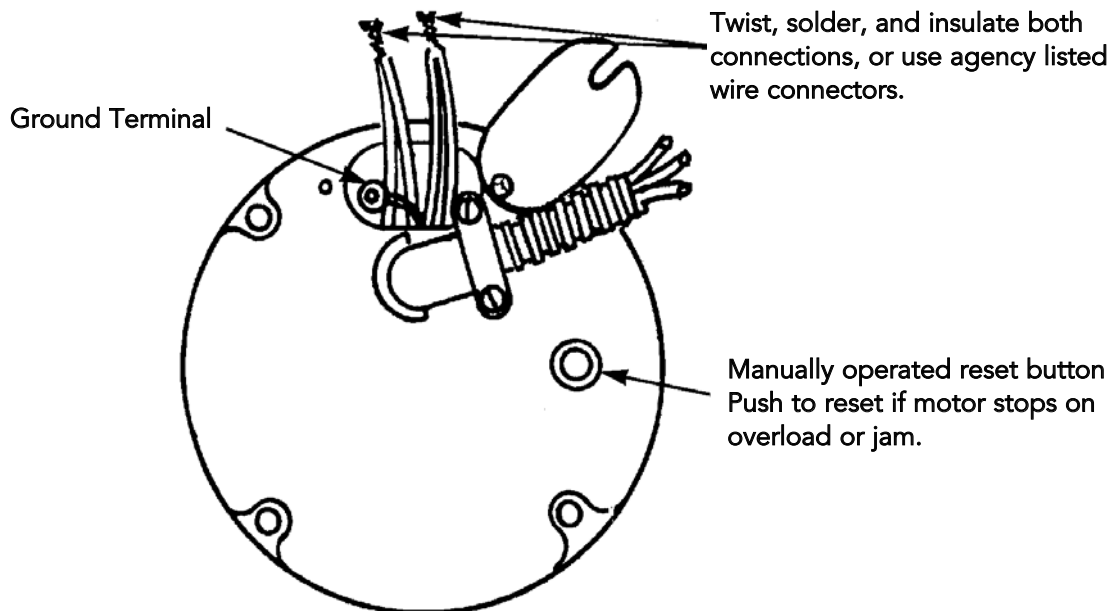
#### **Continuous Feed Models**

1. Remove the electrical access cover on the bottom of the disposer.
2. Pull out the two leads provided.
3. Install standard strain relief connector (not furnished) into the threaded opening in bearing bracket assembly.
4. Install the "opening control switch" where is easily accessible. Recommended ON-OFF switch suitable for operation of one horsepower, capacitor start motor (not furnished)
5. Run flexible conduit, or equivalent, from the control switch to the disposer motor leads located in the bearing bracket assembly. Insulate connections and connect unit to ground. (See grounding instructions below).
6. Run power supply in accordance with local codes, from control switch to electrical service panel.
7. Press wires into the electrical access compartment and replace cover.

**NOTE:** All models are equipped with a manual reset (RED BUTTON) motor overload protector. In case of overload "TRIP", a minimum of three to five minutes cooling time must be allowed before resetting. If disposer has been running for more the 10-15 minutes (a "well-heated" condition), reset time may be 20-25 minutes.

## GROUNDING INSTRUCTIONS

This appliance must be connected into a grounded metal, permanent wiring system, or an equipment-grounding conductor must be run with the circuit conductors and connected to the equipment-grounding terminal or lead on the appliance.



## REPLACEMENT PARTS

Only authorized replacement parts may be used in performing service on the disposer. Replacement parts are available from factory authorized parts distribution. Contact Viking Range Corporation Preferred Service at (662) 451-4133 for the nearest parts distributor in your area.

## FINAL CHECKLIST

### GENERAL

1. Remove unit from carton and check for shipping damage.
2. Sink flange assembled in center of drain opening and flange seals in place to assure a watertight seal.
3. Disposer level - not installed at an angle.

### PLUMBING

1. If installed in old house, existing drain line from sink to sewer cleaned.
2. Long, horizontal drain lines eliminated
3. Collection and grease traps should not be used.
4. Seal at drain pipe properly positioned.
5. Center line height of drain line must not exceed center line of height of disposer discharge opening.
6. Mounting screws and drain pipe screws properly tightened to prevent leaks
7. Compliance with all aspects of local plumbing codes.

### ELECTRICAL

1. Properly fused, 120 Volts, 60 Hz, branch circuit of at least 15 amp capacity.
2. Disposer properly grounded before operating.
3. All connections must comply with the National Electrical Code and/or local electrical codes.

### OPERATIONAL

1. Before operating, check to assure grid chamber is free of any foreign objects.
2. Activate disposer test for grinding performance and water leaks

### INSTALLER

1. Complete installation checklist
2. Leave all literature for customer

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Specifications subject to change without notice

For more product information, call 1-888-VIKING1 (845-4641), or visit our web site at <http://www.vikingrange.com>