Dishwasher Installation Instructions

**Installation Preparation**

**NOTE:**
- Put unit on its back being careful not to pinch the Water Drain Hose.
- Remove two (2) screws at the front kickplate assembly.
- Pull and push toward the kickplate to remove it, see Figure 1. **NOTE:** It is not necessary to remove the outer door for installation.
- If it is to be placed in a corner, there must be at least 2 1/2-inch side clearances between the wall and the open door.
- Floor should be flat and free of any obstructions.

**WARNING**
- Do not use dishwasher until completely installed.
- Do not push down on open door.
- Failure to follow these instructions can result in serious injury.

**Cut Hazard**
- To prevent serious injury from sharp edges, wear work gloves when handling, unpacking or disassembling unit.

**Tools and Materials Needed for Installation (not included)**
- Drill, 1/4" Bit
- Driver, Socket 1/4", 1/2", 3/8"
- Food Tuba Cutter (for copper tubing)
- Flashlight
- Level
- Pipe Joint Compound (for copper plumbing)
- Polyethylene Tape (for test threads)
- Pipe Jaws
- Safety Glasses
- Saw, Keyhole or 1/2", 1/8", 1/4" to 3/8" Hole Cutters
- Screw Drivers, Slotted and Phillips (magnetic tip preferred)
- Work gloves
- Taps, Electrical or Duct
- Measuring Tape
- Wire Stripper or Utility Knife
- Wrench, Hex Wrench, Adjustable (for copper tubing)
- or 2 PIPA wrenches (for copper plumbing)

**Roughing In**

**CAUTION:** Use extreme care in mounting the dishwasher to not scratch, bump or otherwise damage the console or tub.

**Connectors For Electrical, Water, and Drain**

**Locating the Connections**
- Review illustrations in Figures 3 and 4 of the dishwasher's drain, water and electrical connections.
- All outputs must be routed in shaded area in the Figure 3.

**WARNING**
- Do not install cabinet seal to dishwasher before placing it into the cabinet.

**Levelling and Securing Dishwasher Within Cabinets**

**WARNING**
- Electric Shock Hazard.
- Water and drain lines must be connected to shaded areas in Figures 3 and 4.
- Electric conductors, water, and drain could be damaged.
- Failure to follow these instructions could result in fire or electric shock.

**NOTE:**
- If dishwasher is installed at end of a cabinet, sides and back must be fully enclosed.

**CAUTION:**
- Review illustrations in Figures 5 and 6 of the dishwasher's drain, water and electrical connections.
- All outputs must be routed in shaded area in the Figure 3.

**Dishwasher Anchoring**
- Use a minimum of two (2) washers and a bolt in the cabinet back panel to secure the unit.
- For either top mount or side mount methods, use the (2) mounting clamps provided to secure the dishwasher to the cabinet back panel.
- Important: Do not use bolts to secure the dishwasher to the cabinet back panel.

**Top Mount Option:**
- A: Side Mount Option: b: (not required)
- Side Mount Option: b: (not required)

**IMPORTANT:**
- Disconnect power at fuse box or circuit breaker before installation.
- Failure to follow these instructions could result in death or serious injury.

**IMPORTANT:**
- Install cabinet seal to dishwasher before placing it into the cabinet.
Finishing the Water and Electrical Connection

**CAUTION** Property Damage

Do not insert within 8 1/2" from the water inlet valve. Damage to the plastic parts in the valve may occur.

Use care that no metal, dirt, or other objects enter the valve. Damage to the filter screen may occur.

Water Line

1. Flush water in the basin by connecting its water inlet valve to prevent sucking of filter screen. Place a braided hose over end of basin to prevent splashing. Open water supply valves for air to escape and fill water drain in a pan. Turn off water supply valves.
2. Route waterline to water inlet valve as shown in Figure 4. Use leak plastic water supply line. Place the hose tightly connect water valve to water valve for a tight connection. Supply line must be free of kinks, twists, and leaks.
3. Turn on water supply and check for leaks.

Electrical Supply

1. Remove junction box cover and pull house wiring into junction box. See Figure 8.
2. Use a US. approved conductor (not included) above to stabilize wiring.
3. Connect incoming black lead to dishwasher's black lead. Incoming white lead to dishwasher's white lead and incoming green lead to dishwasher's green ground with wire nuts. See Grounding Instructions. Wire nuts must be tight.

Installation Diagram

1. Check these items:
   - Water and electrical lines are straight out in front of the dishwasher.
   - All three leg bracers are positioned properly.
   - Cabinet doors are positioned on the sides of the dishwasher.
   - Cabinet Attachment clips are attached to the cabinet on both corners on top of the dishwasher.

Finishing the Drain Connection

1. Review Figures 13, 15, and 14 to see the different ways to connect dishwasher to drain system. Choose method that best suits your needs.

2. If the cabinet is over 100" wide, sand edges of hole until smooth and rounded. Fibrail will not fit, even if electrical or duct tape is used. Avoid cutting drain hose.
3. Move unit into place with existing drain hose through access hole. Use caution to prevent damage to the dishwasher, floor, and cabinets.

Drain hose must be held securely in place with an accessory drain clamp. IMPORTANT: Make sure there are no sharp bends or kinks that might restrict drain flow.

4. Drain hose is connected properly to the dishwasher. See Figure 16.

5. Check drain connection to ensure proper drainage. The drain hose loop must not be at least 12" high from the floor to prevent proper drainage.

6. If the cabinet is over 100" wide, sand edges of hole until smooth and rounded. Fibrail will not fit, even if electrical or duct tape is used. Avoid cutting drain hose.

7. Move unit into place with existing drain hose through access hole. Use caution to prevent damage to the dishwasher, floor, and cabinets. IMPORTANT: Make sure there are no sharp bends or kinks that might restrict drain flow.

WARNING

Grounding Instructions

The dishwasher must be grounded by connecting its grounded supply to the appliance equipment grounding terminal or lead. It is the consumer's responsibility to contact a qualified installer to make sure the electrical installation conforms with the National Electrical Code and local codes and ordinances.

Do not connect the dishwasher to the power supply until the appliance is permanently grounded.

All wiring connections must be enclosed in the junction box. This unit has copper lead wires. Joining aluminum building wires to strained zinc copper wire should be done by a qualified electrician using materials recognized by UL and local codes.

Do not use an extension cord. Such use can result in fire, electrical shock, or personal injury. Failure to follow these instructions could result in death or serious injury.

WARNING

If there is electrical power at the water inlet before beginning installation, failure to follow this warning could result in death or serious injury.

CAUTION

Cut Hazard

Metal fins and panes are sharp and should be handled with care. Wear gloves to protect hands. Failure to follow this warning may result in injury.

CAUTION

Electrical Shock Hazard

All connections are correct; there are no leaks, and unit runs properly before begin installation. Failure to follow this warning could result in death or serious injury.

- Water and drain lines have no kinks and move freely behind the dishwasher.
- Water supply is turned on.
- Joints are free of leaks.
- Wiring connections to junction box with all traces are secure and in place.
- Replace Hubbard, Figure 11.
- Drain hose is connected properly to outlet.
- All packing material and consumer documentation have been removed from inside unit.
- Dishwasher is level and securely fastened.
- Open and close door to make sure it does not hit surrounding cabinet or counter.
- Make sure that all ties are removed from the rack assembly.

Checking the Installation

Operate the machine through at least one fill and pump-out, checking the following items:

1. At least 10 minutes. Make sure water cover completely covers filter surface.
2. At pump-out (pump-out) is either when the cycle is canceled (cancels the cycle) and Care Manual (Start Cancel), make sure all water is pumped out.

Check water connections against leaks.