

Finishing the Water and Electrical Connection

A CAUTION

- Property Damage
- Do not solder within 6" (152.4 cm) of the water inlet valve. Damage to the plastic parts in the valve may occur.
- Use care that no sealer, dirt, or other objects enter the valve. Damage to the filter screen may occur.
- Be sure the dishwasher is placed where the water inlet valve will be kept from freezing. If the valve freezes, it may rupture and flooding may occur.

Water Line

- Flush water line before connecting it to water inlet valve to prevent early clogging of filter screen. Place a bunched towel in front of the water inlet valve. Open water supply valve for a few seconds and let water drain into a pan. **Turn Off Water supply at shut-off valve.**
- Route water line to water inlet valve as shown in **Figure 4**. Connect water supply to water inlet valve. Supply line must be free of kinks, scales, chips, and lubricants.
- Turn on water supply and check for leaks.

Electrical Supply

- Remove junction box cover and pull house wiring into junction box. See **Figure 9**
- Use a UL listed conduit connector (not included) at box to stabilize wiring.
- 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 lead with wire nuts. (See Grounding Instruction Warning). Wire nuts must be tight.

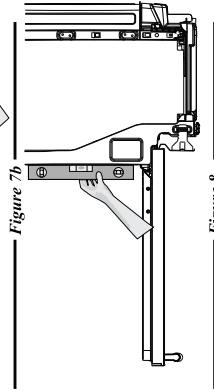
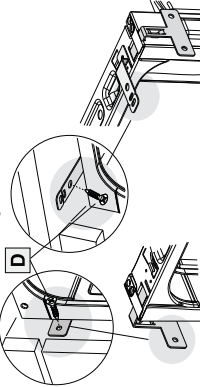


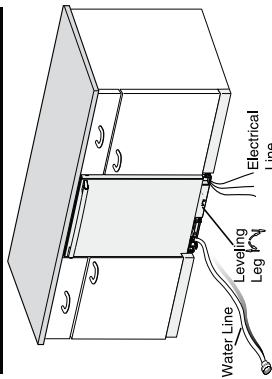
Figure 8



- Notes need to be pre-drilled using a 9/16" drill to secure unit

- Screw mounting brackets firmly to cabinet using screws provided
- Open and close dishwasher door slowly. Ensure that there is clearance to the console. Adjust accordingly, adjust rear foot if small correction is needed until door opens and closes freely. Adjust the levelling legs.

Installation Diagram



check these items:

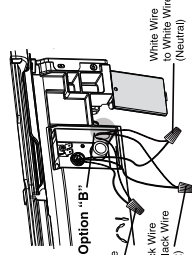
- Water and electrical lines are straight out in front of the dishwasher.
- All three leg levelers are positioned properly.
- Cabinet Seals are positioned on the sides of the dishwasher.
- Cabinet Attachment Clips are attached to the cabinet on both corners on top of the dishwasher.

A WARNING



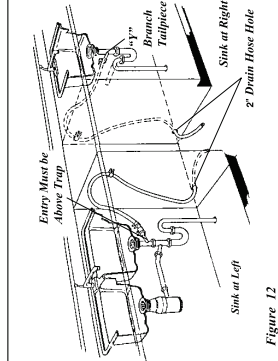
Electric Shock Hazard

Grounding Instructions:
The dishwasher must be connected to a grounded metal, permanent wiring system or an equipment-grounding conductor must be run with the circuit conductors and connected to the appliance's 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 wiring.
Do not connect the dishwasher to a stranded copper wire. Connections 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 other personal injury.
Failure to follow these instructions could result in death or serious injury.



Finishing the Drain Connection

- Review **Figures 12, 13 and 14** to see the different ways to connect dishwasher to drain system. Choose method that best suits your need.



The drain hose loop must be at least 32" (80 cm) high from the floor to insure proper drainage.

- If you connect to a sink drain, entry will need to be above trap. A "Y" branch tailpiece and connector kit, not included, will make this method easier and includes all needed fittings and instructions. See **Figure 12**.

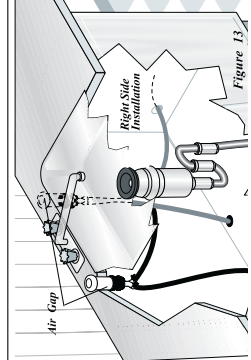


Figure 13

- If you connect to a sink trap, local codes may require you to install an air gap kit, (not included). The drain hose will be routed from dishwasher to air gap inlet as shown in **Figure 13**. An air gap kit is available from a plumbing supply store. (If the drain hose is installed through the floor, an air gap is necessary).
- If you connect to a disposer, the large end of drain hose will fit inside disposer inlet before making the final fit to drain hose. See **Figure 14 (b)**.

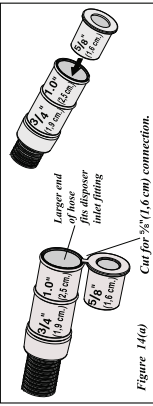
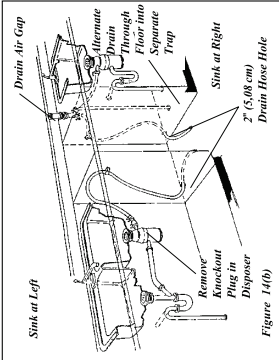


Figure 14(a)



The drain hose loop must be at least 32" (80 cm) high from the floor to insure proper drainage.

- If the cabinet wall is wood, sand edges of hole until smooth and rounded. If cabinet wall is metal, cover all sharp edges with electrical or duct tape to avoid cutting drain hose.
- Move unit back in place while routing 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.**
- Secure drain hose to sink drain, disposer, or separate trap with a clamp. **IMPORTANT: Be careful not to overtighten clamp or you may damage end of hose.** Do not connect hose to horizontal pipe between sink drain and disposer.
- Be sure unit does not rest on drain hose. It should be free of electrical components and door springs. Do not cut corrugated drain hose. Pull excess through cabinet and place under sink. Make sure hose does not come in contact with any sharp edges.

A WARNING



Electric Shock Hazard
Disconnect electrical power at the fuse box or circuit breaker box before beginning installation.
Failure to follow this warning could result in death or serious injury.

A CAUTION



Cut Hazard
Metal color panels are sharp and should be handled with care. Wear gloves to protect hands.
Failure to follow this warning may result in injury.

A CAUTION



Electric Shock Hazard
If all connections are correct, there are no leaks, and unit runs properly, replace the kickplate assembly before placing unit into operation. Failure to follow this warning could result in electric shock.

- 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 are tight all access panels are secured back in place.
- Replace kickplate. See **Figure 11**
- Drain hose is connected properly to outlet.
- All packing materials and consumer literature 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 countertop.
- Make sure that all wire 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:

- At first fill, approximately 4 minutes make sure water completely covers filter surface.
- At pump-out: (pump-out is either when the cycle is completed or cancelled, refer to the Use and Care Manual for Start/Cancel), make sure all water is pumped out.
- Check water connections again for leaks.