

# Installation Instructions

## ZPK1 Icemaker Drain Pump



### ⚠️ WARNING

#### Electrical Shock Hazard

**Disconnect power before servicing.  
Replace all panels before operating.  
Failure to do so can result in death  
or electrical shock.**

### Kit Contents:

- Drain Pump
- Drain Tube, 5/8" ID x 4-1/2" (bin to pump reservoir inlet)
- Drain Tube, 3/8" ID x 10 ft. (pump to house drain)
- Vent Tube, 3/8" ID x 32" (pump to cabinet back)
- 3 Cable Clamps (Secures vent tube to back of product)
- 5 Screws, #8 x 1/2" (secures vent hose clamps to back of cabinet and pump to base plate)
- 2 Hose Clamps, 1/2" (secures vent and drain tube to pump)
- Hose Clamp, 5/8" (secures drain tube to bin)

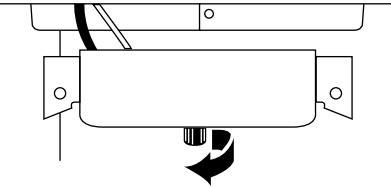
**IMPORTANT:** Connect drain pump to house drain in accordance with all state and local codes and ordinances.

#### Note:

- This drain pump is designed to pump water to a maximum height of 10 feet.
- To minimize condensation on the drain tube, insulate the full length of the tube from the pump to the drain.

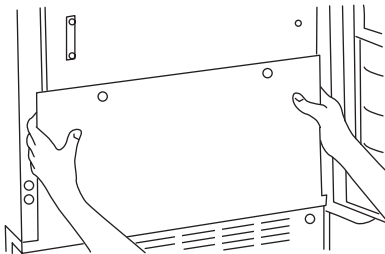
### If Icemaker Is Presently Installed:

- Push the selector switch to OFF.
- Unplug icemaker or disconnect power.
- Shut off water supply. Wait 5 to 10 minutes for the ice to fall into the storage bin. Remove all ice from the bin.



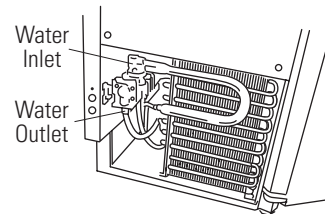
- Unscrew the drain cap from the bottom of the water pan located inside the storage bin. Allow water to drain completely. Replace the drain cap.

### Disconnect Water Inlet

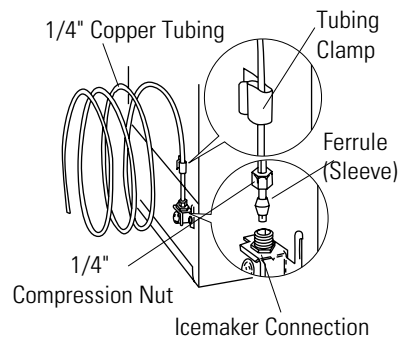


### For connection in Front at Water Valve:

- Remove the 2 screws in the front lower access panel and the 2 screws from the base grille area. Pull panel forward to remove.



- Disconnect the water inlet line from the water valve.
- If the icemaker is installed between cabinets, pull icemaker out of the opening.



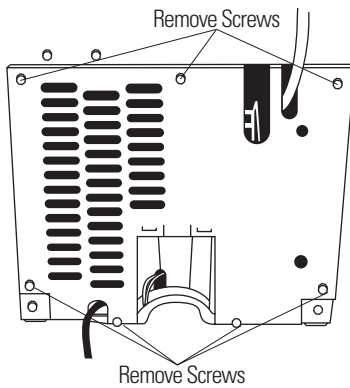
### For Connection at Rear of Icemaker:

- Pull icemaker forward.
- For compression nut, disconnect water line as shown.
- For union between copper tubing, disconnect union.

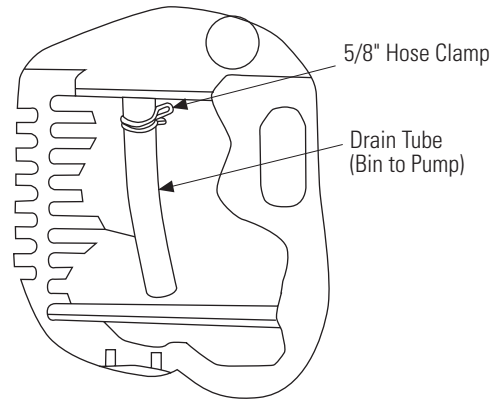
**PROCEED TO STEP 1**

## STEP 1 Remove Original Parts

- Remove the 2 screws in the front lower access panel and the 2 screws from the base grille area. Pull to remove. Set aside screws and panel.
- Unplug power cord from rear cover.

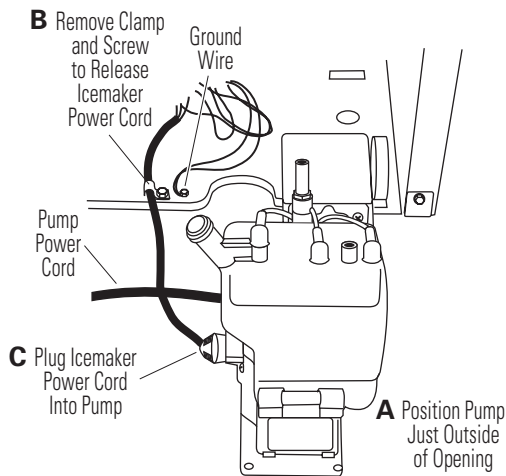


- Remove screws holding the rear cover. Retain screws. Carefully pull rear cover away from drain tube.



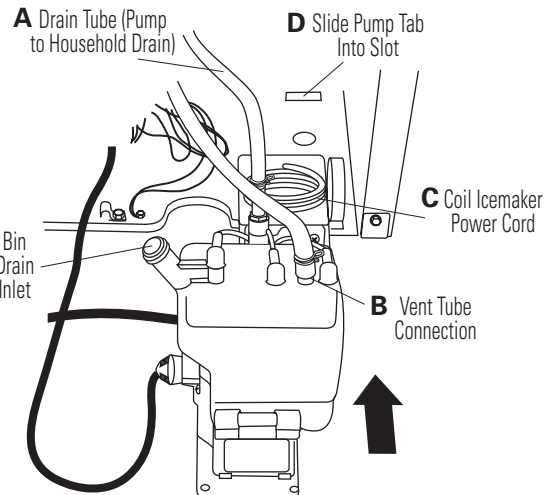
- Remove old drain tube and clamp attached to bin. Discard the tube, retain the clamp for re-installation.
- Install the new drain tube with the new 5/8" clamp.

## STEP 2 Connect Electrical



- A.** Position pump at the right side, just outside of the opening.
- B.** Remove clamp and screw attached to the icemaker power cord. Attach the drain pump power cord to the icemaker base with original clamp and screw.
- C.** Plug the icemaker power cord into the side of the pump.

## STEP 3 Install New Tubing

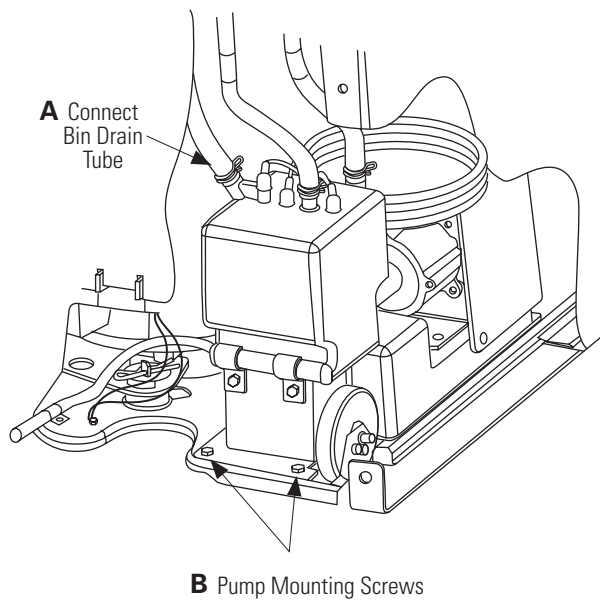


- A.** Attach new drain tube to pump check valve outlet with new 1/2" hose clamp.
- B.** Attach vent tube to pump with new 1/2" hose clamp.
- C.** Coil icemaker power cord into a 4" dia. coil and secure with electrical tape. Place the coil over the top of the pump.
- D.** Carefully slide the drain pump into the bottom right side. The front tab on the pump should slip into the rectangular slot on the icemaker floor. It may be necessary to tip the pump slightly to engage the tab.

**Note:** The pump must be in position before connecting the bin drain tube. See Step 4.

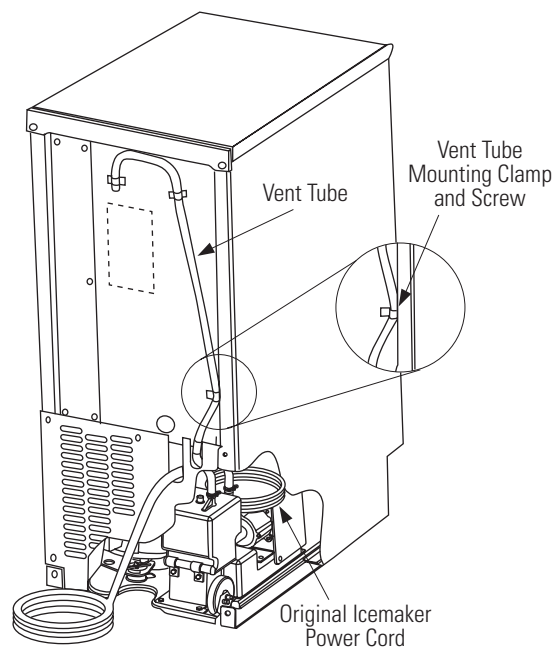
## STEP 4 Install Bin Drain Tube

- A. Attach drain tube from bin to pump with original hose clamp from old drain tube.
- B. Secure the pump to the base with the 2 supplied screws.



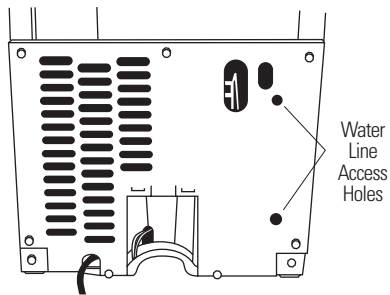
## STEP 5 Secure Vent Tube

- Place rear cover against the back of the icemaker. Route the vent tube and drain tube through cutouts in the rear cover.
- Secure rear cover with original screws.
- Secure vent tube to the back of the icemaker with the 3 clamps and 3 remaining screws.
- Route drain tube to house drain.



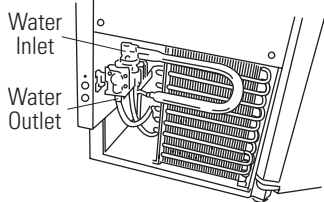
## STEP 6 Connect Water Supply

### For connection in Front at Water Valve:



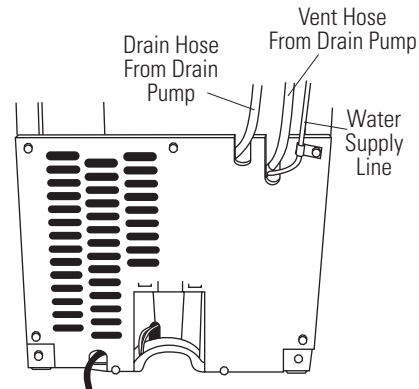
- Feed water supply tubing through one of the two access holes in the rear cover.
- Slide the icemaker into its permanent location.

**IMPORTANT:** Check to be sure water and drain lines do not kink or bind. This could interfere with icemaker operation.

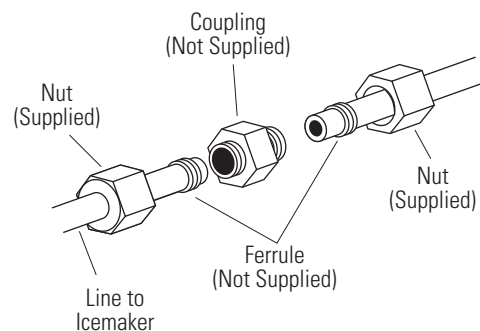


- Bend the tubing to meet the connection at the water valve inlet at the front.
- Remove the water valve inlet cover and attach copper tubing with a compression nut and sleeve.
- Check to be sure copper tubing does not touch the side wall or other parts inside the cabinet.
- Turn on the water and check all connections for leaks.

### For Water Connection at Rear:



- For threaded connection, use ferrule and compression nut to secure the line as shown on page 1.
- For water tube exiting rear access cover, connect water line using 1/4" union or coupling.



- Check to be sure copper tubing does not touch the side wall or other parts inside the cabinet.
- Turn on the water and check all connections for leaks.

## STEP 7 Finalize Installation

- Connect power.
- Push selector switch to ON.
- Wait for rinsing cycle, approximately 5 minutes, to be sure the icemaker is operating properly.