

# Universal Replacement Single Coil Water Valve for Icemakers Installation Instructions

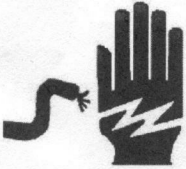
## Warning !

### Electrical Shock Hazard

Disconnect power before servicing the appliance.

After repair check all connections, both electrical and water, before reconnecting power.

Failure to verify connections and replace cover panels can result in property damage, electrical shock, or death.



### Typical Installation

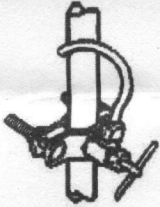


Figure 1

1. Disconnect power. To prevent shock hazard, injury, or possible death, disconnect all electrical power to the appliance before any work is started. You will need to access the back of the Refrigerator for this installation.

2. Move refrigerator out from the wall to allow work access. Use caution when moving the refrigerator many supply lines are copper and can kink.

3. Shut off water supply. The valve to shut off the water supply may be behind the refrigerator or may be a saddle valve where the icemaker line was added to an existing water supply. Typically the valve will turn off by turning the handle clockwise. (See Figure 1)

#### Quick Tip: Locating the shutoff valve

If the water shutoff valve is not behind the refrigerator, follow the plastic or copper supply line back to the valve. The valve will be attached to a copper, steel, plastic, or PEX™ supply line. Look for the valve..

Under the floor, in the basement, crawl space, or through the wall into a utility area. Under the sink attached to a cold water supply line.

New construction often has a supply access at the appliance.

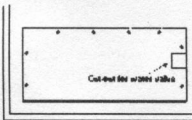


Figure 2

4. Looking at the back of the refrigerator. Remove screws from access cover. (See Figure 2.) **Quick tip:** Have a (SR6N1) 6 in 1 screwdriver handy. Depending on brand and model the screws will be 1/4" nut driver, Phillips, or slotted screw.

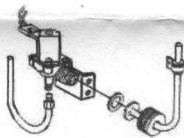


Figure 3

5. Disconnect water supply line and icemaker feed line from valve. Drain the water from both lines. (See Figure 3)

**Quick Tip :** Have a pan or bucket handy to drain water from supply lines.

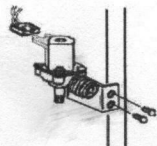


Figure 4

6. Unplug valve and remove mounting screws. (See Figure 4)

**Quick Tip :** On older models there may be a green ground wire attached to the frame. Make sure to remove the screw from the green wire as well. [The new valve has a ground strap built in]

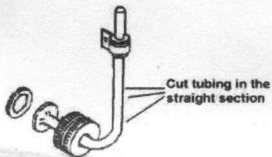


Figure 5

7. If the old supply line is not a 1/4" compression fitting you will need to cut the old fitting off of the line. (See Figure 5) **Quick Tip:** For plastic lines a utility knife is all that is needed. Make sure you cut the tubing at 90°. For copper tubing a [ELB400] mini tubing cutter is ideal to cut copper tubing in a tight space.

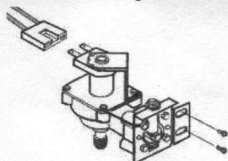


Figure 6

8. Attach wiring plug to new valve assembly. Mount valve to refrigerator cabinet. (See Figure 6)

**Quick Tip:** On many older models the water valve mounted with a single screw. Drill an additional 1/8" mounting hole in the cabinet rail if needed .



Figure 7

**Quick Tip:** On some models the icemaker supply line may need to be lengthened. Included in this water valve kit is a length of plastic tubing complete with compression fittings and union to lengthen the water valve to icemaker supply line. (See Figure 7)

### Replacing: Vertical Mount Water Valves

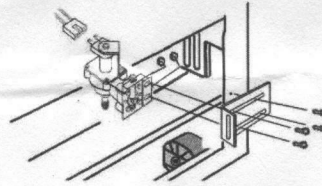


Figure 8

8. Follow steps 1 through 7 for the removal of the standard old valve.

9. Mount adapter bracket to new valve using machine screws and locking nuts provided in the kit.

10. Mount new valve to refrigerator as shown in Figure 8. Self tapping machine screws and sheet metal screws are both provided in this kit.

11. Attach wiring plug to valve. **Quick tip:** On some models it is easier to plug wiring on to valve before mounting the valve.

12. If old valve does not have a compression fitting, it will be necessary cut the existing fitting off. (See Figure 5)

### Replacing: Horizontal Mount Water Valves

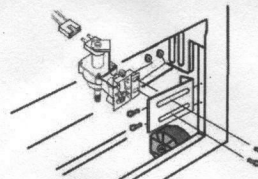


Figure 9

13. Follow steps 1 through 7 for the removal of the standard old valve.

14. Mount adapter bracket to new valve using machine screws and locking nuts provided in the kit.

15. Mount new valve to refrigerator as shown in Figure 9. Self tapping machine screws and sheet metal screws are both provided in this kit.

16. Attach wiring plug to valve. **Quick tip:** On some models it is easier to plug wiring on to valve before mounting the valve.

17. If old valve does not have a compression fitting, it will be necessary cut the existing fitting off. (See Figure 5)

### Connecting the Water Supply

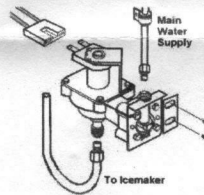


Figure 10

18. Use plastic compression nut for the plastic supply line that goes to the icemaker. As pictured in Figure 10. Use caution not to cross thread the compression nut. Do not over tighten.

19. Attach main water supply to the top of the valve as pictured in Figure 10. There is a brass compression nut and compression sleeve included in this kit. Use caution not to cross thread the compression nut. Do not over tighten.

20. Turn on water and check for leaks. Retighten if needed.

21. Replace access cover and all screws.

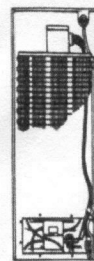


Figure 11

22. Make sure the water supply line that goes to the icemaker is straight with no kinks and is reattached to the back of the cabinet. (See figure 11)

23. Using the clamp and screw provided in this kit, make sure the main water supply line is securely attached to the refrigerator frame. (See Figure 10) This is done to relieve any pull stress on the water valve.

24. Restore power to the refrigerator.

25. Move refrigerator in place, making sure the water supply line is not kinked.

## Warning !

### Electrical Shock Hazard



Use three prong grounded plug.

Make sure grounded prong is intact, if not replace plug.

Do not use a ground plug adapter.

Do not use an extension cord.

This appliance requires a grounded outlet for your protection. Failure to properly ground this appliance can cause fire, electrical shock, or death.

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