

# INSTALLATION MANUAL

## Water Pump Kit Installation Instructions

### SAFETY INSTRUCTIONS

 **WARNING:**

Before starting installation, read and understand all safety label and warnings on the machine. Also review and understand all safety instructions in the owners, installation and service manuals.

**Failure to comply could result in serious injury, death or damage to the equipment.**

### QUALIFIED SERVICE PERSONNEL

 **WARNING:**

Only trained and certified electrical, plumbing and refrigeration technicians should service this unit.

**All wiring and plumbing must conform to national and local codes. Failure to comply could result in serious injury, death or equipment damage.**

### SAFETY PRECAUTIONS

This unit has been specifically designed to provide protection against personal injury. To ensure continued protection observe the following:

 **WARNING:**

Disconnect power to the unit before servicing. Follow all lock out/tag out procedures established by the user. Verify all power is off to the unit before performing any work.

**Failure to comply could result in serious injury, death or damage to the equipment.**

 **CAUTION:**

Always be sure to keep area around the unit clean and free of clutter.

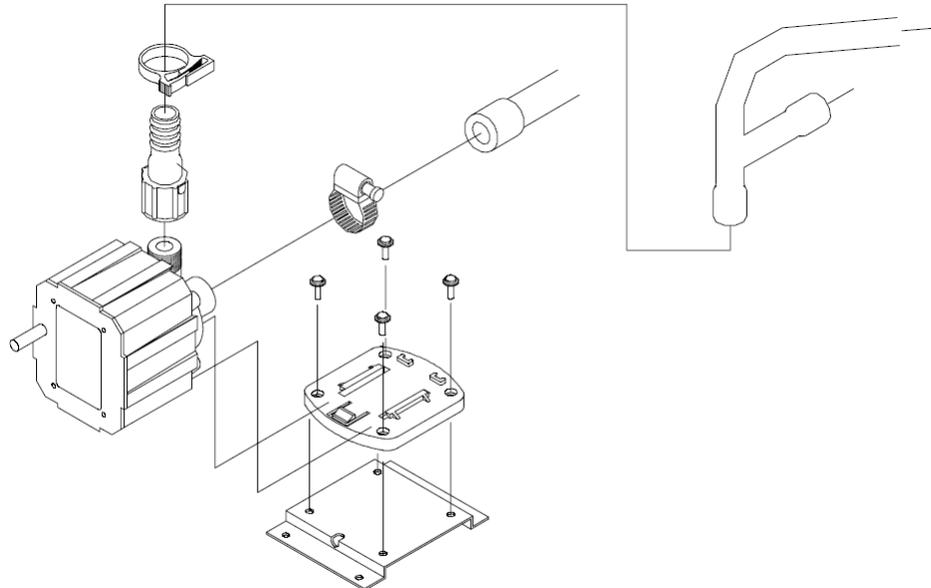
**Failure to keep this area clean may result in injury or equipment damage**

**Table 1. Loose Shipped Parts**

Item No.	Part No.	Name	Qty.
1	630900247	Hartell Water Pump	1
2	630200256	Dump Valve Mounting Bracket	1
3	630200243	Water Pump Bracket	1
4	3298	Screw, Thread Cutting, 6–32 STZI 23	4
5	630900289	Barb Fitting, 1/2 X1/2 FPT	1
6	630460025	Installation Instructions	1
7	163242002	Hose Clamp, Nylon	2
8	630900187	Fitting Connector, 5/8–Inch Nipple	1
9	163506001	Tie Cable, 7–inch	3
10	23976	Washer	4

1. Shut off water supply to the Ice Maker.
2. Remove front panel and access panel on right–hand side of the Ice Maker.
3. Remove electrical box cover, then disconnect water pump power cord wires (black, white, and green) from electrical box.
4. Loosen water pump bracket from the chassis. Remove hose clamps, then disconnect hoses from the water pump.
5. Remove water pump, bracket, and power cord from the chassis. Take care not to loose the nuts, washers, and the hose clamps.
6. Remove dump valve and bracket from the chassis.
7. Remove dump valve from old style bracket, then install dump valve on new style bracket using existing screws.
8. Install dump valve, with it's new style bracket, back in chassis using existing mounting holes.
9. Assemble water pump base onto bracket with supplied screws. Note location of slot in bracket for locking tab.
10. Use PTFE tape when assembling 90° elbow to water pump. Note direction of elbow after it's installation.
11. Assemble water pump to base by sliding onto base until locked into place.
12. Connect water pan tube to water pump inlet, then clamp it.
13. Cut current manifold/dump valve tube by .75 inch or less at both ends. See Figure 1.
14. Connect manifold/dump valve tube to both water pump and dump valve and clamp both ends.
15. Slide rear of water pump bracket into slot on the chassis and align the two holes with the studs on the chassis. Tighten down with nuts and washers.
16. Route power cord back to the electrical box securing the power cord similar to previous water pump installation.
17. Re–connect power cord wires (black, white, and green).
18. Re–connect water and electrical power to the Ice Maker. Operate the Ice Maker to test for both leaks and proper operation.

19. After testing is completed, disconnect electrical power and water from the Ice Maker.
20. Re-install electrical box cover, access panel, and front panel on the Ice Maker.
21. Re-connect water and electrical power to the Ice Maker.



**Figure 1. Kit Parts Identification**