

VOLLRATH 26806 Modular Drop In Auto Fill Instruction Manual

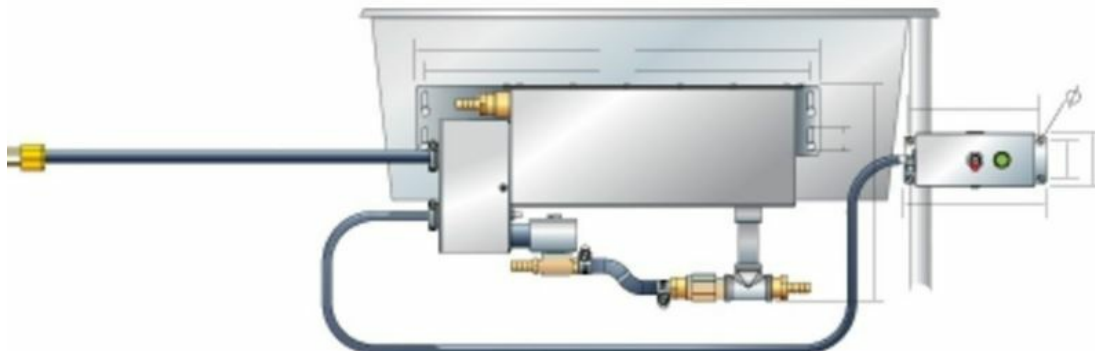
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VOLLRATH 26806 Modular Drop In Auto Fill



Product Information

Product Name: Modular Drop-In Auto-Fill
Item Number: 26806

Description: This product is designed to maintain the water level in a hot food unit at a predetermined level. It is not intended for household, industrial, or laboratory use.

Max. Water Pressure: 80 PSI

Voltage: 120

Watts: 16

Plug Type: 5-15P

Product Usage Instructions

Safety Precautions

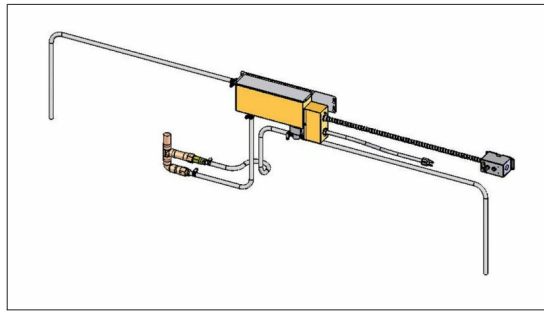
- Read and understand all installation and operation instructions before installing or operating the equipment.
- Have the equipment installed by qualified service personnel.
- Use only grounded electrical outlets matching the nameplate-rated voltage.
- Do not spray controls or outside of the equipment with liquids or cleaning agents.
- The control box must be installed in a dry location.
- Do not use an extension cord with this equipment.
- Do not plug this equipment into a power strip or multi-outlet power cord.
- Do not operate without water.
- Keep equipment and power cord away from open flames, electric burners, or excessive heat.
- Do not operate unattended.
- Do not operate if the equipment has been damaged or is malfunctioning in any way.

Installation and Setup

1. Dispose of all packaging and materials in an environmentally responsible manner.
2. Have the unit installed only by qualified service personnel.
3. Install the unit in accordance with any local and national plumbing codes.
4. A shut-off valve to control the freshwater supply to this product is required.
5. This unit requires a 120Volt 15Amp electrical outlet.
6. Units using this auto-fill unit **MUST NOT SHARE A DRAIN LINE** with any other units that do not have the same well depth.
7. Multiple units with the same well depth may share a drain line provided a water filter to remove particles that may clog the solenoid valve is strongly recommended.
8. Remove all packing material, tape, and protective plastic from the equipment.
9. Clean any glue residue left over from the plastic or tape.
10. If installing this Auto-fill on a Vollrath drain manifold, cut off the pipe cap.

Please refer to the complete user manual for detailed instructions and other important information. Keep the user manual for future reference.

MODULAR DROP-IN AUTO-FILL



Item	Description	Max. Water Pressure	Voltage	Watts	Plug
26806	Modular Drop-In Auto-Fill	80 PSI	120	16	5-15P

Safety Precautions

To ensure safe operation, read the following statements and understand their meaning. Please read carefully.

WARNING:

The warning is used to indicate the presence of a hazard that can cause severe personal injury, death, or substantial property damage if the warning is ignored.

CAUTION:

Caution is used to indicate the presence of a hazard that will or can cause minor personal injury or property damage if the caution is ignored.

NOTE:

The note is used to notify people of installation, operation, or maintenance information that is important but not hazard-related.

For Your Safety

These precautions should be followed at all times. Failure to follow these precautions could result in injury to yourself and others. To reduce risk of injury or damage to the equipment:

- Read and understand all installation and operation instructions before installing or operating equipment.
- Have this equipment installed by qualified service personnel.
- Use only grounded electrical outlets matching the nameplate rated voltage.
- Do not spray controls or outside of equipment with liquids or cleaning agents.
- The control box must be installed in a dry location.
- Do not use an extension cord with this equipment. Do not plug this equipment into a power strip or multi-outlet power cord.
- Do not operate without water.
- Keep equipment and power cord away from open flames, electric burners or excessive heat.
- Do not operate unattended.
- Do not operate if equipment has been damaged or is malfunctioning in any way.

Function and Purpose

This product is intended to maintain the water level in a hot food unit at a predetermined level. This equipment is not intended for household, industrial or laboratory use.

Operational Statement

This Auto-fill unit operates by filling a water reservoir that represents an additional well. This reservoir has a float switch installed that is closed when the tank is empty. When the Auto-Fill system is turned on, the closed float switch allows power to flow to the solenoid valve, opening the solenoid valve and allowing water to flow into the drain system through a check valve. As water fills the drain line, it will fill each well and the Auto-Fill reservoir at approximately the same rate. When the water reaches the float switch, the switch will open, stopping the power supply to the solenoid valve and the solenoid valve will return to its normally closed position stopping the flow of water into the system.

Unpacking the Equipment and Initial Setup

When no longer needed, dispose of all packaging and materials in an environmentally responsible manner. Have the unit installed only by qualified service personnel. This unit must be installed in accordance with any local and national plumbing codes.

- A shut-off valve to control the freshwater supply to this product is required.
- This unit requires a 120Volt 15Amp electrical outlet.
- Units using this auto-fill unit **MUST NOT SHARE A DRAIN LINE** with any other units that do not have the same well depth.
- Multiple units with the same well depth may share a drain line provided they are level to each other within $\frac{1}{4}$ ".
- The maximum water pressure is 80 PSI.

NOTE: A water filter to remove particles that may clog the solenoid valve is strongly recommended.

1. Remove all packing material and tape, as well as any protective plastic from the equipment.
2. Clean any glue residue left over from the plastic or tape.
3. If installing this Auto-fill on a Vollrath drain manifold, cut off the pipe cap from the end of the drain manifold assembly that is on the opposite end of the main drain valve.
4. Solder the Auto-Fill manifold assembly (A) to the open end of the drain line (B) from step 2 making sure the auto-fill manifold is level with the existing drain manifold. Figure 1.

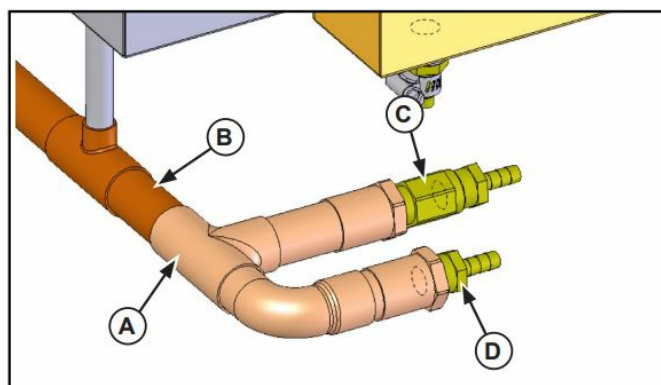


Figure 1. Drain Line and Manifold Assembly .

5. For installation with Rectangular Drop-In For initial setup, mount the Auto-Fill main body water reservoir (B) level to the bottom of any full size Vollrath hot well (C) unit outer skin. Mark and use appropriate length fasteners to mount reservoir (B) assembly in a level position (D) to the bottom of the well assembly (A). See Figure 2.
6. For use with Round Soup Drop-In: Install the reservoir (B) $\frac{5}{8}$ " (15 mm) below the bottom of a Vollrath round soup drop in unit outer skin. See Figure 2.
 1. The adjustment procedure above should be used with soup pots with the understanding that the water

level the unit will maintain is the water level when there is a soup pot in use. The recommended 5/8" (15 mm)" placement of the reservoir below the soup warmer (In the installation section above) will maintain water at the water level mark in the well. However at this level, if a soup insert is placed into the soup warmer that has water filled to this mark without an insert in place, when inserted the insert will displace some of the water up the sides of the soup warmer. Because the water will level out in the entire system, this may cause the reservoir tank of the auto-fill unit to overflow.

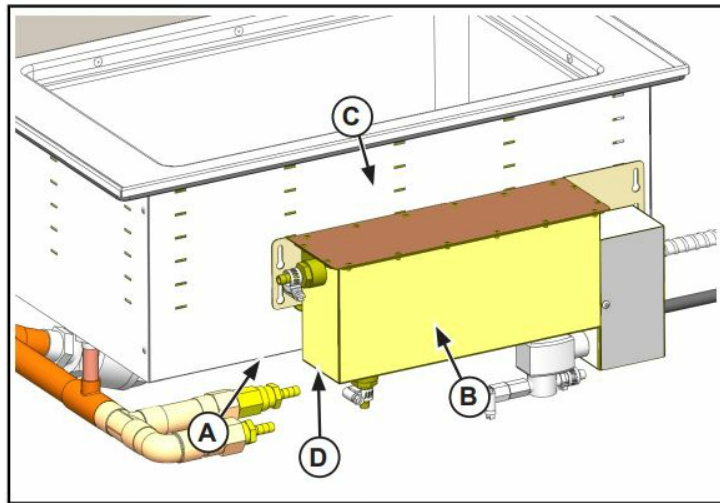


Figure 2. Water Reservoir and Well Assembly.

7. Mount the auto-fill control box (A) at any convenient dry location close to an access door. See Figure 3.

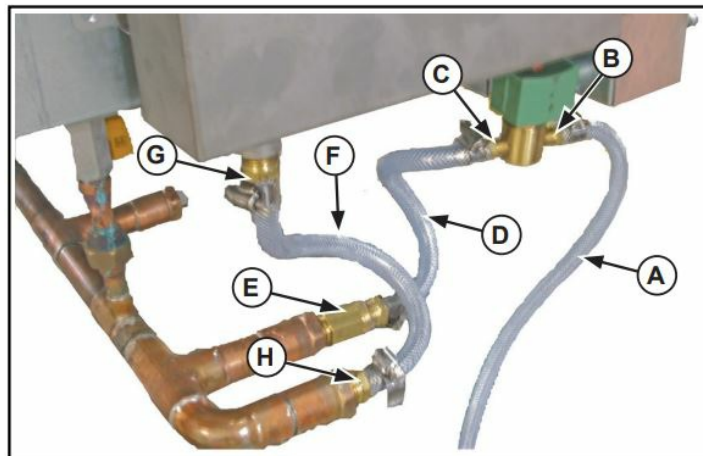


Figure 4. Solenoid Valve, Flexible Hose, and Fittings.

WARNING: Water Contamination Hazard. The overflow drain line must not be connected to any drain. It must be routed to an open drain leaving an air gap separating the overflow drain line from the top of the open drain reservoir.

8. Using the section of the flexible hose marked and/or coming from outlet (E) side of the water tank, route this line to an OPEN FLOOR DRAIN. This drain MUST not be directly plumbed to the auto fill unit. This is done to prevent contamination of the fresh water supply. See Figure 4.
9. Using the section of the flexible hose (A) coming from the "IN" or "I" side of the solenoid (B) connect this hose to your fresh water source. See Figure 4.

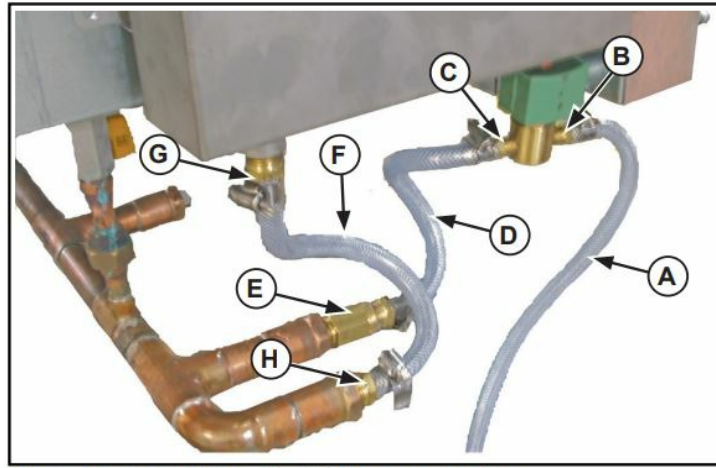


Figure 4. Solenoid Valve, Flexible Hose, and Fittings.

10. Using the section of the flexible hose (D) coming from the "O" side of the solenoid (C) connect this hose to the ant-siphon valve (E).
11. Using the section of the flexible hose (F) coming from the reservoir fitting (G) to the fitting (H).

Start-Up and Testing

1. Plug the auto-fill control box into a grounded 120 Volt 15 Amp electrical outlet.
2. Verify the main drain valve is in the CLOSED position to prevent water from draining out. Be sure the individual well drains are in the OPEN position to allow water to fill the wells from the drain manifold.
3. Turn the fresh water supply valve on. Start with the valve in the full open position.
4. Turn on the Auto-fill system using the switch on the control assembly. The red indicator light should come on indicating power is supplied to the unit and water should flow into the system.

NOTE: If a continuous stream of water begins to flow out of the overflow tube when filling the unit, stop filling and drain the unit. Close the water supply valve from step 3 part way to reduce water flow. Refill unit. Continue this process until water does not flow out of the overflow when filling the unit. It is normal to have small amounts of water flow out the overflow while the unit is filling.

5. The auto-fill system may cycle on and off a few times, with delays, before the water level is stabilized. The number of cycles and delays are dependant on water pressure, number of wells filling, etc. Do not attempt to adjust the water level until the system has fully stabilized. When the system does not cycle on or off after a full minute, the system should be stabilized.
6. When the system is stabilized, check the water level in each of the wells. For proper water level control it is important the hot food unit be level. Each well should have approximately the same amount of water.
7. If the water level is too low, loosen (do not remove) the screws used to mount the reservoir assembly. Lift the reservoir assembly up approximately 1/8". Retighten the screws. There may again be a delay before the system begins to fill. Allow the system to stabilize again and re-check the water level.
8. Continue the adjustment until you have the water level adjusted to the desired level. The water level should not be adjusted above 1/2" of water.
9. For most efficient heating and performance, use approximately 1/4" of water in each well

Operation

WARNING:

Electrical Shock Hazard. Keep water and other liquids from entering the inside of the equipment. Liquid could

contact the electrical components and cause a short circuit or an electrical shock. Do not spray water or cleaning products. Do not use equipment if power cord is damaged or has been modified.

1. Check the drain valve of the Hot Food Unit. Make sure it is in the closed position to prevent water from draining out. Generally, the valve is in the off position when the handle of the valve forms a “T” with the body of the valve.
2. Turn Auto-Fill control on. Operate the Vollrath Hot Food Table in accordance with the Operating and Safety Instructions that were provided with the Hot Food Table.
3. At the end of the serving period, turn the Auto-fill control off before opening the drain valve for the Hot Food Unit. If the unit is drained with the Auto-fill on, the unit will continue to fill and will not completely drain.
4. Follow the shut down and cleaning procedures that were sent with the Hot Food Table. No special cleaning is required for the Auto-fill system.

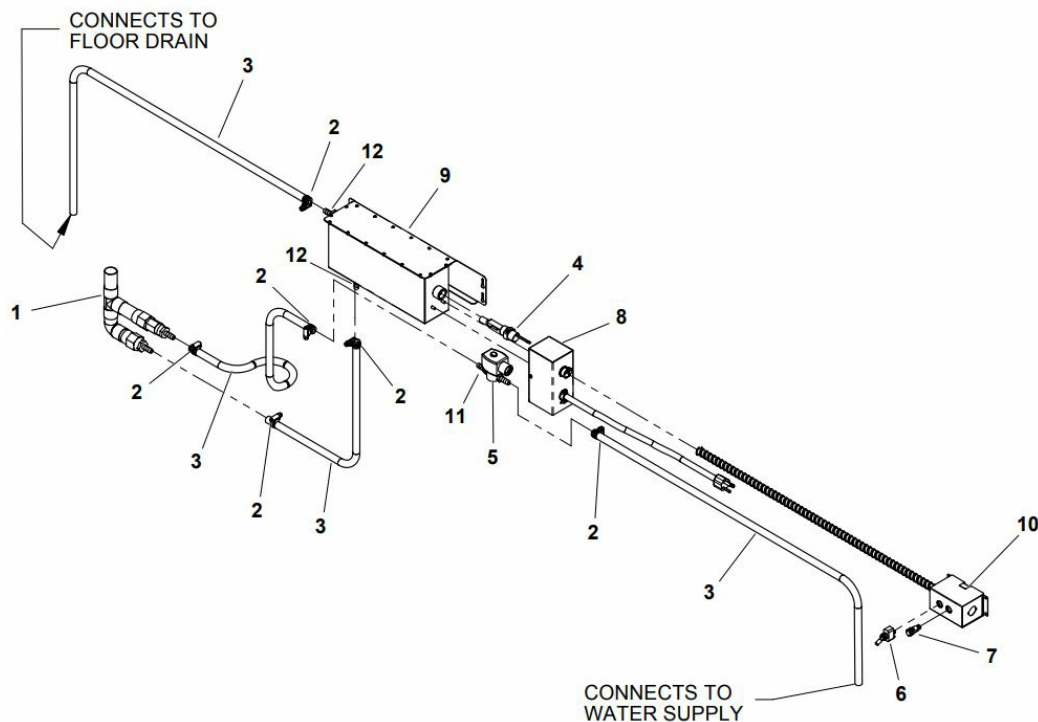
Troubleshooting Chart

Problem	It might be caused by	Course of Action
No Water in the wells.	Check to make sure there is power supplied to the Auto-fill unit.	Verify the switch is ON. Verify the water supply valve is open. Refer to the installation section and be sure all steps were followed properly.
Wells are not getting hot enough.	There may be too much water in the wells.	Change the water level to a maximum depth of 3/8”.
No Water in the wells.	The reservoir assembly may be set too low.	Loosen the fasteners and raise the assembly.
The water continues to run and the water flows out the over flow tube.	There may be a clog in the drain assembly preventing water from reaching the float or the drain overflow may be clogged causing an air lock in the Auto-Fill reservoir.	Make sure drain line is open and water is able to reach the reservoir. Also, make sure the auto fill system is plugged in and grounded.
The wells continue to fill beyond the desired water level.	The float switch may be installed incorrectly.	Disconnect power and remove the control box cover on the outside of the reservoir tank. Check to see that the arrow molded into the white plastic nut portion of the float switch is pointing DOWN.

Service and Repair

There are no user-serviceable parts within this appliance. To avoid serious injury or damage, never attempt to repair the equipment or replace a damaged power cord yourself. Do not send equipment directly to the Vollrath Company. Please contact the qualified professional repair service listed below.

ELECTRICAL DRAWING – Drop-In Auto-Fill ~ 26806



Warranty Statement for The Vollrath Co. L.L.C.

The Vollrath Company LLC warrants the products it manufactures and distributes against defects in materials and workmanship for a period of one year, except as specifically provided below. The warranty runs 12 months from the date of original installation. (End user receipt)

1. Refrigeration compressors – The warranty period is 5 years.
2. Replacement parts – The warranty period is 90 days.
3. Fry pans and coated cookware – The warranty period is 90 days
4. EverTite™ Riveting System – The warranty covers loose rivets only, forever.
5. Cayenne® Heat Strips – The warranty period is 1 year plus an additional 1 year period on heating element parts only.
6. Ultra and Professional Induction Ranges – The warranty period is 2 years.
7. Mirage and Commercial Induction ranges – The warranty period is 1 year.
8. ServeWell® Induction Workstations – The warranty period is one year on the workstation table and 2 years on induction hobs.
9. licers – The warranty period is 10 years on gears and 5 years on belts.
10. Mixers – The warranty period is 2 years.
11. Extended warranties are available at the time of sale.
12. Vollrath – Redco products – The warranty period is 2 years.
13. Optio / Arkadia product lines – The warranty period is 90 days.
14. All non-stick products (i.e. fry pans and surfaces) are 90 days for the non stick surfaces.

All products in the Jacob's Pride® collection, including the following, have a lifetime warranty:

- NSF Certified One-Piece Dishers
- NSF Certified Spoodle® Utensils
- NSF Certified Heavy-Duty Spoons with

Ergonomic Handle:

- NSF Certified Heavy-Duty Basting Spoons
- Heavy-duty Turners with Ergonomic handles
- One-Piece Tongs*
- Heavy-Duty One-Piece Ladles*
- Nylon Handle Whips
- One-Piece Skimmers
- Tribute®, Intrigue®, and Classic Select® Cookware*
- Jacob's Pride® warranty does not cover Kool-Touch®, non stick coatings and silicone handles

Items sold having no warranty:

- Meat Grinder Knives
- Light Bulbs in Convection Ovens and Hot Food Merchandiser
- Oven Door Seals
- Oven Door Glass
- Hot Food Merchandisers / Display Case Glass
- Calibration and set up of gas equipment
- Slicer / Dicer blades (table top food prep) – Redco and Vollrath

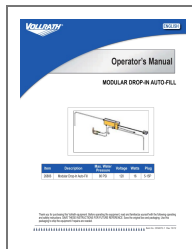
THIS WARRANTY IS IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE

As The Vollrath Company LLC's only responsibility and the purchaser's only remedy, for any breach of warranty, The Vollrath Company LLC will repair or, at its option, replace the defective product or part without charge, except as otherwise provided below:

- For refrigeration compressors and the second year of the warranty on Cayenne® Heat Strips and mixers, The Vollrath Company LLC will provide the repaired or replacement part only; and the buyer will be responsible for all labor charges incurred in performing the repair or replacement.
- To obtain warranty service, the buyer will be responsible to return to The Vollrath Company LLC any product (other than gas equipment that is permanently installed) weighing less than 110 lbs. or located outside of a 50-mile radius of a certified technician designated by The Vollrath Company LLC to perform warranty repairs. If a Vollrath Technician cannot be contacted check the website for service contact points. (Please refer to the Product Catalogue for weights and sizes of product)
- No remedy will be available for products that have been damaged by accident, carelessness, improper installation, lack of proper setup or supervision when required, neglect, improper use, installation or operation contrary to installation and operating instructions or other causes not arising out of defects in materials or workmanship. At the buyer's request, The Vollrath Company LLC will repair and or replace such products at a reasonable cost.
- No remedy will be available for slicers where blade has not been sharpened (Refer to owner's manual for sharpening instructions)
- No remedy will be available for mixers damaged by changing gears while unit is running or overloading, in either case as determined by a Vollrath Certified Technician
- Warranty work must be authorized in advance by The Vollrath Company LLC. See the operating and safety instructions for each product for detailed warranty claim procedures.
- No remedy will be available for product returned and found to be acceptable to the product specification.

- **Main Tel:** 800.628.0830
- **Fax:** 800.752.5620
- **Technical Services:** 800.628.0832
- **Service Fax:** 920.459.5462
- **Canada Service:** 800.695.8560 © 2012 The Vollrath Company, L.L.C.

Documents / Resources



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VOL-26806, 26806 Modular Drop In Auto Fill, 26806 Modular, 26806, Modular, Drop In Auto Fill

Manuals+