Franke Little Butler
Installation and User Guide

Hot Water Dispensing System
Model Series LB-1000

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Overview of the System Concept
For safety reasons, this hot water dispensing system features a “non pressurized” heating tank. This means that the incoming water is first routed through the valve in the dispensing head, where line pressure feeding the system terminates. When the valve is activated, water is directed down to feed the inlet at the top of the heater tank, displacing heated water up through the spout. When the valve is off, the tank is open to atmosphere (via the spout), making it impossible for the tank to be subjected to stress from an overheating condition.

Overview of Installation
There are two main components to the system, the dispensing head and the heating tank. The dispensing head comes with two \(\frac{3}{4}\)" copper tubes and one “Norprene” tube. The short (12") copper tube is connected to the incoming water supply using the \(\frac{3}{8}\)" to \(\frac{1}{4}\)" connector containing a mesh filter and a 0.55 gallons/min flow controller. The longer (18") copper tube is connected to the inlet of the tank. The “Norprene” tube is connected to the outlet of the tank using the hose connector.

Preparing for the Installation
As with any sink related device, it is much easier to mount the dispensing head of this system onto the sink before the sink is mounted into the countertop. A mounting hole of \(1\frac{3}{8}\)" diameter (standard sink ledge drilling) is required.

It is always recommended to take the components and locate their optimum positions before starting the installation. This particularly applies to the heating tank as it must be positioned for the connections to the dispensing head, while at the same time avoiding other mechanics under the sink. Unlike most plumbing products, a hot water dispenser includes an electrical system. The heating tank is furnished with a grounded power cord and plug. A grounded non-switchable outlet for this connection must be provided beneath the sink.

IMPORTANT
Do not plug in the unit until all water connections have been made and the tank is filled completely.

Making the Supply Provision
Provide a branch compression connection and a \(\frac{3}{8}\)" supply tube. Flush the pipework before installing.

Mounting the Dispensing Head
The copper tubes are coiled for packing and must be carefully straightened before installation. Position the base ring (if supplied) and O’ring and feed the tubes and shank through the hole in the sink ledge or counter. Assemble the clamp plate locking washer and backnut (hexagon to the top for thin sinks) finger tight. Turn the dispensing head and the spout until the handle and spout are in the required position for use and fully tighten the backnut, this will lock the spout in position.

Mounting the Heating Tank
The heating tank must be located on a back or side wall below the sink, space will be needed underneath the tank for access to the drain plug. Determine the best position to enable the tubing connections to be made and mark the position for the mounting bracket (approximately 2" below the top of the tank). Attach the mounting bracket to the wall and hang the tank in position.

IMPORTANT
During installation the tank should remain unplugged with the thermostatic control in the “off” position. The tank must be filled with water before power is connected. A “dry start” will void the warranty (see “Fill the System”).

IMPORTANT
Avoid kinking tubes during installation as the resulting restrictions could reduce flow and cause malfunctioning of the expansion chamber. Do not use pipe sealing compounds on any connections. These can foul the internal mechanics and may cause objectionable taste and odor. Plumbing connections must comply with all sanitary, safety and plumbing codes.
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Installation, Care and Maintenance

Fill the System - DO NOT PLUG IN YET
Turn on the water supply. Operate the lever on the dispensing head and hold down until water flows from the end of the spout. This will take a little while as the tank (capacity two quarts) has to be filled. Check all connections.

Plug in and Turn On
Plug in to electrical supply and turn control to ‘ON’. Depending on the temperature of the incoming water it will take from 10 to 15 minutes for the water to reach its optimum, near boiling, temperature. A ‘perking’ sound from the tank and water dripping from the spout near the end of each heating cycle is normal.

IMPORTANT ELECTRICAL REQUIREMENTS
Do not under any circumstances, remove the power supply grounding prong. For your personal safety, this appliance must be grounded. This appliance is equipped with a power supply cord having a three prong grounding plug. To avoid possible shock hazard, the cord must be plugged into a mating three prong grounding type wall receptacle. A 15 or 20 Amp circuit is acceptable. If a mating wall receptacle is not available, it is the personal responsibility and obligation of the customer to have a properly grounded three prong wall receptacle installed by a qualified electrician. An extension cord should not be used with this appliance, such use may result in a fire, electrical shock or other personal injury.

Seasonal Shutdown
To prevent damage when the system is exposed to freezing temperatures, the water must be drained from the heating tank by using the following procedure.

Turn the heating tank thermostat control to “off” and unplug the electrical supply. Operate the lever until the water runs cold. Turn off the water supply. Place a suitable container underneath the heating tank. Undo and separate the centre joint of the 3/8” to 1/4” connector by first loosening the 1/4” compression nut. Remove the drain plug from the underside of the base of the heating tank. Operate lever until water has stopped draining from the heating tank and the centre joint of the 3/8” to 1/4” connector. Replace drain plug and 3/8” to 1/4” connector joint. Undo and remove hose connector from the heating tank. Leave connected to the “Noprene” tube. Blow into the hose connector to remove water from the “Noprene” tube and the spout. Replace the hose connector onto the heating tank.

DO NOT PLUG IN ELECTRICAL SUPPLY WHILE THE TANK IS EMPTY

Troubleshooting
Should your dispenser not work correctly, check the list below before calling for service. The following things are not covered by the warranty.

Water is not hot:
Check if electrical supply to heating tank is plugged in. Turn temperature control knob clockwise as far as possible. Test the temperature again after 15 minutes. Check if fuse is blown or circuit breaker is open.

Hot water continuously drips or sputters from spout:
For safety reasons this Faucet may drip or splutter after use. This venting prevents a build-up of pressure in the heating tank. If this becomes excessive;

Turn the control knob counter-clockwise to lower temperature. Check the tubes connecting the faucet to the storage tank are not kinked. Check the condition of the mesh filter in the 3/8” to 1/4” connector and clean or replace if necessary.

Water does not flow:
Check the water supply. Check if supply tube is kinked. Check if mesh filter in the 3/8” to 1/4” connector is clogged.

Water boils or vapor appears:
Lower temperature setting.

If lowering of the thermostat setting does not stop the boiling, unplug the power supply cord and contact an authorized service office.
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Spare Parts and Warranty

Spare Parts
For out-of-warranty maintenance and repairs, we recommend you employ a Registered Plumber.

Before ordering spare parts, determine the correct reference number from the exploded diagram. Quote this number, and where appropriate, the color of your faucet.

Limited Warranty
Congratulations on the purchase of a Franke product. Franke is one of the world’s largest manufacturers of kitchen systems. Our products are manufactured using the highest degree of technology quality and design. As a result we are proud to offer the following warranty.

Franke Inc. Kitchen Systems Division, warrants the quality of its water dispensing systems to be free from manufacturing defects for a period of five years from the date of purchase.

This warranty applies only to the original owner, providing the product has been installed in accordance with our installation instructions, used as recommended and in a normal residential application. In the event of a warranty claim, the owner will be required to provide proof of purchase. This warranty covers all components necessary to restore the product to good working condition. Franke reserves the right to inspect the installation prior to the replacement of the product or component part.

This warranty does not cover misuse or abuse, accidental damage, scuffs or scratches, normal usage, negligence or damage caused by improper maintenance or cleaning. Normal wear of parts is excluded from warranty. Damage caused by impurities or acts beyond our control are not covered. Any product or part which has been repaired or altered in any manner outside of Franke’s factory, unless previously authorized in writing by Franke, will void warranty. Any replacement excludes transportation and any labor re-installation costs. This warranty does not allow recovery of incidental or consequential damages such as loss of use, delay, property damage or other consequential damage, and Franke accepts no liability for such damages.

The Franke warranty is limited to the above condition and to the warranty period specified herein and is exclusive. Franke DISCLAIMS all other warranties, expressed or implied, including the IMPLIED WARRANTIES OF MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE. This warranty gives you specific legal rights which may vary from state to state.

What you must do: The purchaser should promptly complete the product registration card and mail directly within two weeks of the installation date. Failure to do so may void this warranty.