



Bulk Hot Water Dispensers

10 Gallon Models: _____

#177HWD10 120V • 1800W

#177HWD10D 208/240V • 7000W

15 Gallon Models: _____

#177HWD15 120V • 1800W

#177HWD15D 208/240V • 7000W

Warning:

Improper installation, adjustment, alteration, service, or maintenance can cause property damage, injury, or death. Read the installation, operating, and maintenance Instructions thoroughly before installing or servicing this equipment.

For Your Safety:

Do not store or use gasoline or other flammable vapors or liquids in the vicinity of this or any other appliance.

Note:

Please read and keep these instructions. Indoor use only.

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#177HWD10 & #177HWD15



#177HWD10D & #177HWD15D



CONFORMS TO NSF/ANSI STD. 4
CONFORMS TO UL STD. UL-197

Safety Precautions



WARNING

- This appliance is designed for COMMERCIAL USE ONLY.
- DO NOT remove or open cover. Repairs should be done by authorized service personnel only.
- DO NOT use outdoors.
- DO NOT alter or deform the power cord or plug in any way. This may cause electrical shock and/or damage unit.
- Cleaning & maintenance should only be performed by properly trained persons with supervision.
- Children should be supervised to ensure that they do not play with the appliance.



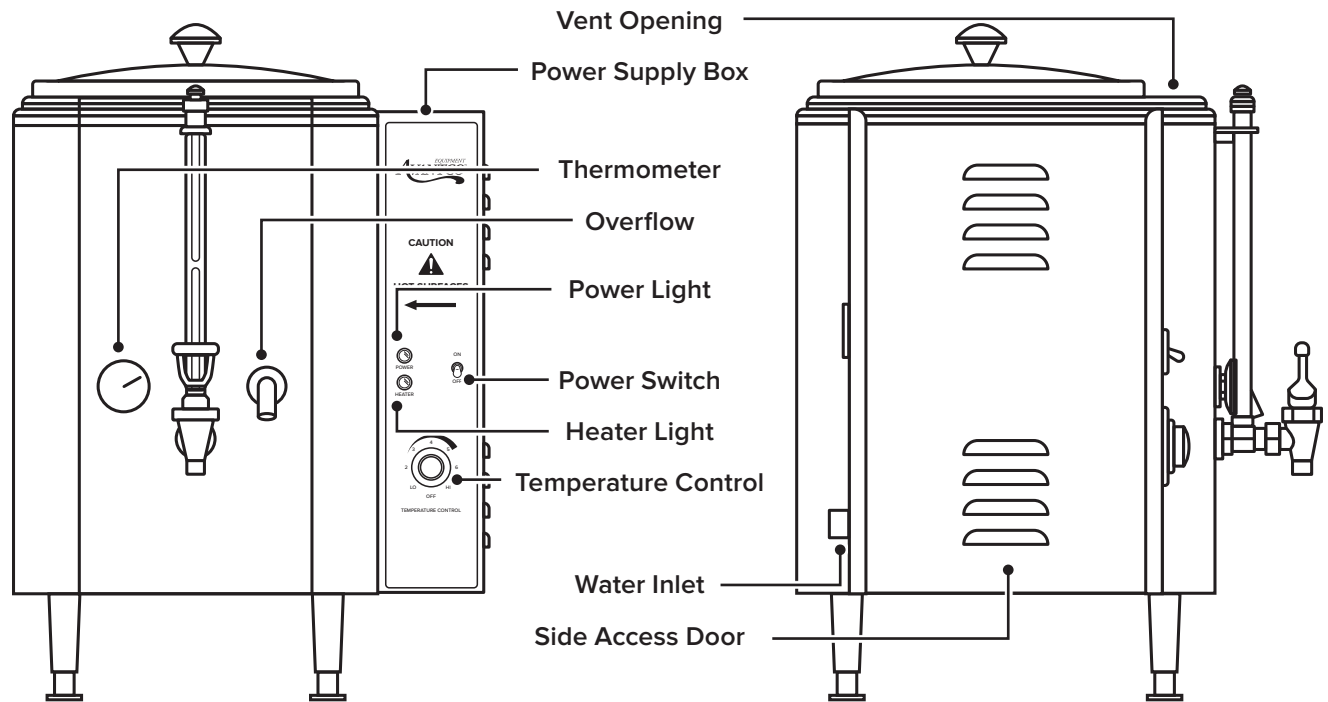
CAUTION

- ALWAYS place appliance on stable surface in a fully vertical position.
- DO NOT place hand or other body parts under dispenser or container while product is brewing.
- ALWAYS unplug unit from power supply before cleaning or servicing.
- ALWAYS use caution when touching unit, surfaces are hot and can cause burns.

NOTICE

- ALWAYS use on a circuit that is properly protected and capable of the rated load.
- Electronically ground the chassis.
- Follow national and local electrical codes.
- DO NOT use an extension cord.

Controls & Features



Installation

NOTE: Please use filtered and softened water. If using ground or tap water, please soften it first. Unsoftened water will decompose dissolvable minerals and turn into limescale after boiling. The limescale will reduce the machine's thermal efficiency and lifetime.

NOTE: We recommend installing a water filtration system such as the C Pure Oceanloch-L Water Filtration System & Pressure Gauge (790OCLOKITLG) to prolong the life of the unit.

1. Carefully unpack the hot water dispenser and check for damage and missing parts.
2. Place hot water dispenser on sturdy, level, heat resistant, non-flammable surface near power supply and water supply. **DO NOT** connect water line or power cord at this time.
3. Make sure the unit is positioned with at least 6" of space on the right side for easy access to controls.
4. The unit comes with a 3/4" thread to 1/4" flare connection adapter.
5. Attach the water line to the inlet located on the rear of the dispenser. Hold the water inlet fitting with a wrench when tightening the water line.

NOTE: Total Water Hardness - Minimum 3 CPG, Maximum 5 CPG

6. Turn on the water supply. Make sure to check for leaks at the water inlet. Tighten fitting if necessary.
NOTE: The dispenser is designed to operate with a water between 30 and 70 PSI. When water pressure exceeds 70PSI, it is recommended that an optional regulator be installed to reduce water pressure.

7. Connect power supply cord into proper power supply as indicated on the nameplate of the machine. Make sure the machine is switched OFF before connecting to the power supply.

Operation

- ONLY power up the boiler when the thermostat is in the OFF position.
 - DO NOT power up the boiler when water supply is off.
1. Plug in the machine to the power supply.
 2. Verify the water supply is ON, then turn toggle switch to ON position.
 3. The unit will start filling with water. When the water level becomes visible in the sight gauge, turn the thermostat clockwise to the desired temperature. The unit will automatically fill to capacity and heat the water. The amber "Heater" light is ON when heating, and OFF when at selected temperature.
 4. When the unit is ready, place an empty cup or container directly under the faucet and pull the handle towards you. When finished, release the handle.

Cleaning

- DO NOT use harsh chemicals or abrasive materials.
 - DO NOT submerge or saturate with water, unit is not waterproof.
 - Cleaning should be done at the end of every workday.
 - Only those persons trained and qualified in equipment repair should attempt to clean the inside of this dispenser.
1. Turn the ON/OFF toggle switch to OFF, unplug, and allow unit to completely cool before cleaning.
 2. Use a clean cloth with hot water mixed with Noble Chemical Sunbright liquid dish soap (or a neutral soap) to clean the outside of the unit.
 3. For dirt smudges on the unit's exterior a damp cloth will suffice.

NOTE: Deliming should be performed at least once every six months by an authorized technician. Customers in areas with hard water will need to perform this procedure more frequently.

Troubleshooting

Problem	Possible Causes	Action
Water fails to heat.	No power at receptacle.	A qualified electrician should be contacted.
	Faulty wiring.	Check wiring and repair/replace if necessary.
	Faulty heater.	Check heater resistance, if high or infinite, replace heater.
Water from cold water supply line does not enter boiler.	External shut-off valve engaged.	Check water supply to external shut-off valve and disengage to allow flow of water.
Water runs out at overflow drain.	Tilted boiler and/or overflow tube.	Make sure boiler is level and overflow tube is vertical.
	Dirty/faulty solenoid valve.	Replace solenoid.