



Hot Water Dispenser

Base Models: _____

177HWDD2

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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#177HWDD2



Intertek
5021062



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5021062



NEMA
5-15P

CONFORMS TO NSF/ANSI STD. 4
CONFORMS TO UL STD. UL-197
CONFORMS TO CAN/CSA-C22.2 NO. 109

Safety Precautions

WARNING

Failure to comply with all requirements in this manual may lead to safety hazards and void warranty.

- This appliance is designed for **COMMERCIAL USE 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.
- **ALWAYS** unplug unit from power supply before cleaning or servicing.
- **ALWAYS** use caution when touching unit, as 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.
- **DO NOT** use an extension cord.
- Follow national and local electrical codes.

| | |
|----------------------|-------------------|
| Model | 177HWD A2 |
| Voltage | 110 - 120 V |
| Frequency | 60 Hz |
| Wattage | 1500 W |
| Capacity | 2 Gallons |
| Output | 5 Gallons/ Hour |
| Water Input Pressure | 10 - 58 PSI |
| Water Connection | ¼" |
| Dimensions | 7½" x 14½" x 22½" |

Specifications

REQUIRED WATER SPECIFICATIONS:

- Total Dissolved Solids: Minimum 50 PPM, Maximum 125 PPM
- Total Hardness: Minimum 3 GPG, Maximum 5 GPG
- Minimum amount of water pressure 40-80 PSI

Installation

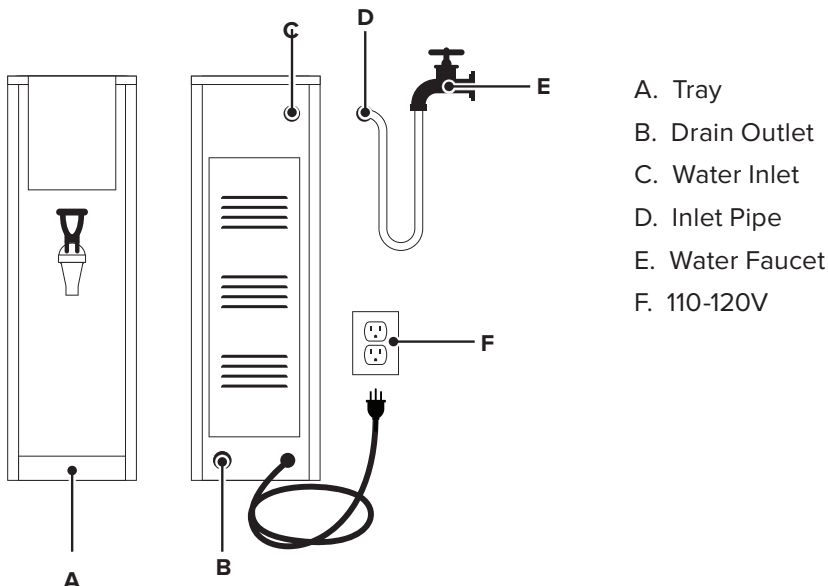
NOTE: Please use filtered and softened water. If using ground or tap water, please soften it first. Unsoftened water will decompose dissolvable minerals and turn into limescale after boiling, which will reduce the machine's thermal efficiency and lifespan.

1. Carefully unpack the hot water dispenser and check for damage and missing parts.
2. Place hot water dispenser on a sturdy, level, heat-resistant, and non-flammable surface near power supply and water supply. Do not connect water line or power cord at this time.
3. 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.
4. Turn on the water supply. Make sure to check for leaks at the water inlet. Tighten fitting if necessary.
5. 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.

CHECK BEFORE STARTING

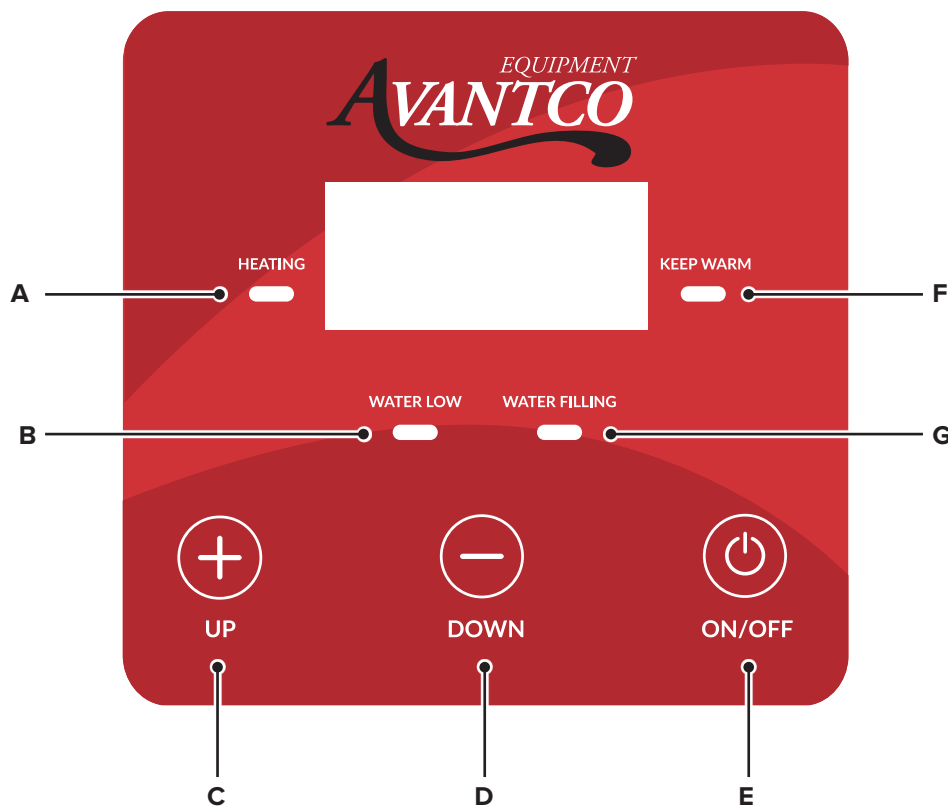
1. The power cord should be connected to a 110/120V outlet.
2. The water line should be connected and not leaking.
3. The dispenser should be installed on a level, stable surface.

| Reccomended Accessories | Description |
|-------------------------|---|
| 790OCLOKITLG | C Pure Oceanloch-L Water Filtration System & Pressure Gauge |
| 147LIMEBGONE1G | Lime B Gone, Noble Delimer/Descaler |



Control Panel

1. **(A)** - HEATING: Indicates that the unit is filling and heating water. E F G
2. **(B)** - WATER LOW: Indicates that the water inside the unit does not reach the minimum required level.
3. **(C, D)** - UP/DOWN: Adjusts the temperature.
4. **(E)** - ON/OFF: Powers up and shuts down the unit. Press lightly to turn on and hold for 3 seconds to turn off.
5. **(F)** - KEEP WARM: Indicates that the water inside the unit has reached the set temperature and is ready to drink.
6. **(G)** - WATER FILLING: Indicates that the machine is replenishing water.



Operating Instructions



DO NOT power up the boiler when water supply is off.

1. Plug in the machine to the power supply.
2. Verify that the water supply is ON. F G
3. Press the ON/OFF Button (E). When the machine is turned on for the first time. It will fill and heat water automatically until it reaches the default temperature.
4. Hold the DOWN Button (D) for about 3 seconds. The screen will show the setting temperature.
5. Adjust the temperature using the UP (C) and DOWN (D) buttons.
6. When the water reaches the set temperature, the machine will be in "Keep Warm" status.
7. 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.

Daily Cleaning and Maintenance



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 unit 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.

Error Code Guide

| Malfunction | Malfunction Reason | Solution |
|-------------------|---|--|
| ELL | Water shortage in tank, slow water flow, low water pressure. | When the machine is turned on, it will display the ELL code due to the lack of water in the tank while the water is filling. Open the water outlet faucet and check whether the water inlet pressure is sufficient. |
| | The water level resistance is low and cannot be detected. | Set water level resistance. |
| ErH | Open-circuit or short circuit of temperature sensor. | Check whether the sensor line is disconnected or the mainboard is malfunctioning. |
| Er1 | The water inside the tank can not reach minimum required levels. | <p>The water pressure is low, or the inlet valve has been stopped by short circuit or debris.</p> <ul style="list-style-type: none"> • Find a suitable water supply pressure. • Clean up scale regularly. • Check whether the inlet switch is turned on. • Check whether there is no water in your local area. |
| Er2 | The water can not reach the set temperature after heating for 35 minutes. | <p>The water pressure is low, or the inlet valve has been stopped by short circuit or debris.</p> <ul style="list-style-type: none"> • Find a suitable water supply pressure. • Clean up scale regularly. • Check whether the inlet switch is turned on. • Check whether there is no water in your local area. |
| No Display | Malfunction on fault or mainboard, or thermostat dry heat protection. | <ul style="list-style-type: none"> • Check whether the unit can heat and boil water normally. • Check whether the connection of the display screen is loose or disconnected. • Check whether the motherboard is malfunctioning. • Check the manual reset thermostat When the temperature cools down to the control range, press the black button until you hear the "tap" sound. |