

CBS-62H Coffee Brewer

**Maritime Version
Rated IP44**



Driven To Pioneer Innovation™

Installation

(For Qualified Service Technicians Only)

Keys To A Successful Installation

If not installed correctly by qualified personnel, the brewer may not operate properly and damage may result. Damages resulting from improper installation are not covered by the warranty.

Here are the key points to consider before installation:

Electrical:

- ❖ The power switch has a built-in circuit breaker. To reset it, turn to the “off” position, and then back to the “on” position.
- ❖ The electrical drawing for the brewer is located on the inside of the lower cover.

Plumbing:

- ❖ This equipment is to be installed to comply with the applicable federal, state, or local plumbing codes.
- ❖ The water line must be flushed thoroughly prior to connecting it to the brewer to prevent debris from contaminating the machine.
- ❖ Verify that the water line will provide at least 2 gallons per minute before connecting it to the brewer.

Installation Instructions

Brewer Setup

1. Review the Dimensions for the unit you are installing. Verify that the brewer will fit in the space intended for it, and that the counter or table will support the total weight of the brewer and dispensers when filled.
2. The brewer's legs are shipped inside the brew baskets. Remove the brew basket(s) and the coffee dispenser(s). Place the brewer on its back and screw in the legs.
3. Place the brewer on the counter or stand.
4. When the brewer is in position, level it front to back as well as side-to-side by adjusting the legs.
5. Mark the surface of the counter with the location of the mounting holes in the legs.
6. Drill $\frac{1}{4}$ " diameter holes in the counter and secure the legs to the counter with bolts and nuts (not included).
7. Remove the lower cover to access the water and electrical connections.



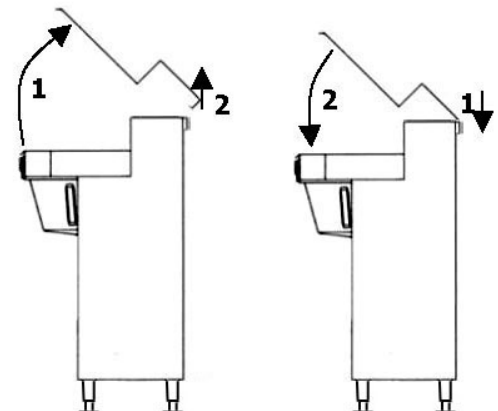
Warning: Legs are to be adjusted for leveling the brewer only. Do not use for height adjustment or extend them higher than necessary.

Server Ring Installation

1. Place a LUXUS dispenser in the proper position under each brew basket.
2. Mark the surface of the counter top with the circular outline of the dispenser bottom.
3. Remove the dispenser and place a mark at the exact center of the circle.
4. Drill a $\frac{1}{4}$ " hole in the center of the circle.
5. Insert the threaded stud on the bottom of the server ring into the hole and secure it with the wing nut provided.
6. To install the server rings away from the brewer, place the dispensers in the desired location and follow steps 2 through 5.

Top Cover Instructions

1. Remove all screws. The back edge of the top cover fits tightly over the vents on the back of the brewer. Carefully lift the front of the cover up and back.
2. Once the cover is at a 45° angle, it can be lifted completely off.
1. To replace the cover, hold the cover at approximately a 45° angle and place the back edge over the vents on the back of the brewer.
2. Lower the front of the cover while pulling it over the top of the brewer. The cover should flex slightly. Install all screws.

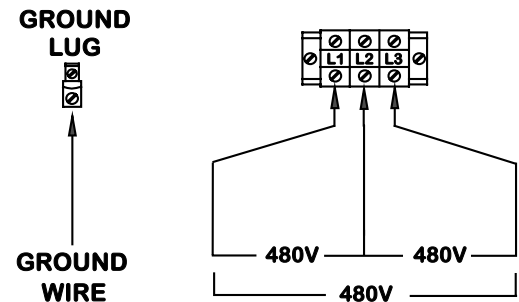
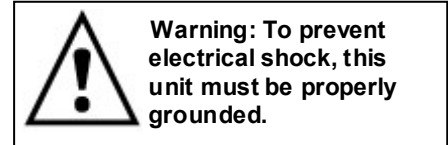


Water Connection

1. The water inlet is a 3/8 inch male flare fitting. Insert the water line through the splash-proof grommet on the back of the brewer and attach it to the fitting.
2. The brewer can be connected to a cold or hot water line. Cold water is preferred for best coffee flavor, but hot water will allow for faster recovery times.
3. Install a water shut off valve near the brewer to facilitate service. If an in-line water filter is used, it should be installed after the water shut off valve and in a position to facilitate filter replacement.
4. Flush the water supply line and filter **before** connecting it to the brewer.
5. Verify that the water line will provide at least 2 gallons per minute and that the water pressure is between 20 and 75 psig.

Electrical Connections

1. Verify that the actual voltage at the electrical service connection is compatible with the specifications on the brewer's serial number label.
2. The temperature and water tank fill level are pre-set at the factory. There is no need to turn off the heaters during the installation process. The control board disables the heaters until the tank is full of water. The heating process will start automatically when the tank has filled.
3. A fused disconnect switch or circuit breaker on the incoming power line must be conveniently located near the brewer, and its location known to the operators.
4. The body of the brewer must be grounded to a suitable ground. A ground lug is provided in the brewer next to the terminal block. Use only 10 gauge copper wire.
5. Electrical connections must be secured in-place within the unit to meet national and local standards.
6. Finally, connect the incoming power wires to the terminal block in accordance with applicable codes.



Final Setup

1. Turn on the incoming water supply line and inspect both inside and outside of the brewer for leaks in all fittings and tubes
2. Turn on the incoming power.
3. Turn on the brewer's main power switch.
4. Within 6 seconds, the hot water tank will begin filling until the probe at the top of the tank senses the water.
5. The control board will disable the heaters until the tank is full.
6. The brewer will be ready for operation as soon as the ready light comes on to show that the water tank is up to temperature. The time required to reach brewing temperature will vary according to the electrical configuration ordered.
7. Review the Operating Instructions. Brew one full batch (water only) on each side to confirm proper fill levels. The brewer is factory set with water only (no coffee) to dispense the correct amount of water.
8. Re-attach the covers after one final inspection for leaks. Look closely in the top of the brewer at the dispense fittings during this inspection.

Operating Training

Review the operating procedures with whoever will be using the brewer. Pay attention to the following areas:

1. Always pre-heat the dispensers before the first use of each day by filling them half way with hot water, and letting them stand for at least 15 minutes.
2. Don't remove the brew basket until it has stopped dripping.
3. Make sure the dispenser is empty before brewing into it.
4. Show how to attach covers, close, and or secure the thermal dispensers for transporting.
5. Show the location and operation of the water shut off valve as well as the circuit breaker for the brewer.
6. Steam from the tank will form condensation in the vent tubes. This condensation will drip into and then out of the brew baskets. 1/4 cup discharging overnight is possible. Place an appropriate container under each brew basket when not in use.
7. We recommend leaving the power to the brewer on overnight. The water tank is well insulated and will use very little electricity to keep the tank hot. Leaving the brewer in the on position will also avoid delays at the beginning of shifts for the brewer to reach operating temperature.