vaiotec

Kegorator

Model: 99991

USER MANUAL



FOR COMMERCIAL AND HOUSEHOLD USE PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE OPERATING THE UNIT. RETAIN THIS MANUAL FOR FUTURE REFERENCE.

SAFETY PRECAUTIONS

Read all instructions carefully before using this appliance. When using this appliance, always observe basic safety precautions, including the following:

1. Use this appliance only for its intended purpose as described in this instruction manual.

2. The appliance must be properly installed in accordance with the installation instructions before being put into operation. For further information, refer to the “Installation” section.

3. The appliance must be connected to a suitable power outlet with the correct electrical supply.

4. Proper grounding must be ensured to reduce the risk of electric shock and fire. Never remove or bypass the grounding connection. If no grounded outlet (earthed socket) is available, have one installed by a qualified electrician.

5. Never unplug the appliance by pulling on the power cord. Always grip the plug firmly and pull it straight out.

6. Replace damaged power cords, loose plugs, or defective outlets immediately.

7. To reduce the risk of electric shock or fire, do not use extension cords or adapters to connect the appliance to the power supply.

8. Disconnect the appliance from the power supply before cleaning or performing maintenance work.

9. We recommend that maintenance and repair work be carried out only by a qualified service technician.

10. When disposing of an old appliance, we recommend removing the door and leaving the shelves in place. This helps prevent children from becoming trapped inside.

11. This appliance must not be installed as a built-in unit or placed inside a closed cabinet. It is designed for freestanding installation only.

12. Do not operate the appliance in environments with explosive vapors or gases.

13. Do not tamper with the controls.

14. Do not operate the appliance if any parts are missing or damaged.

15. Do not use this appliance for commercial purposes.

16. This appliance is intended for indoor use only and must not be used outdoors.

17. To reduce the risk of injury, do not allow children to play with or inside the appliance. Close supervision is necessary when the appliance is used near children.

18. The appliance door must remain closed during operation. Do not leave the door open when children are in the vicinity.

19. Never operate the appliance with a damaged power cord or plug.

20. Do not roll the appliance over carpeted surfaces.

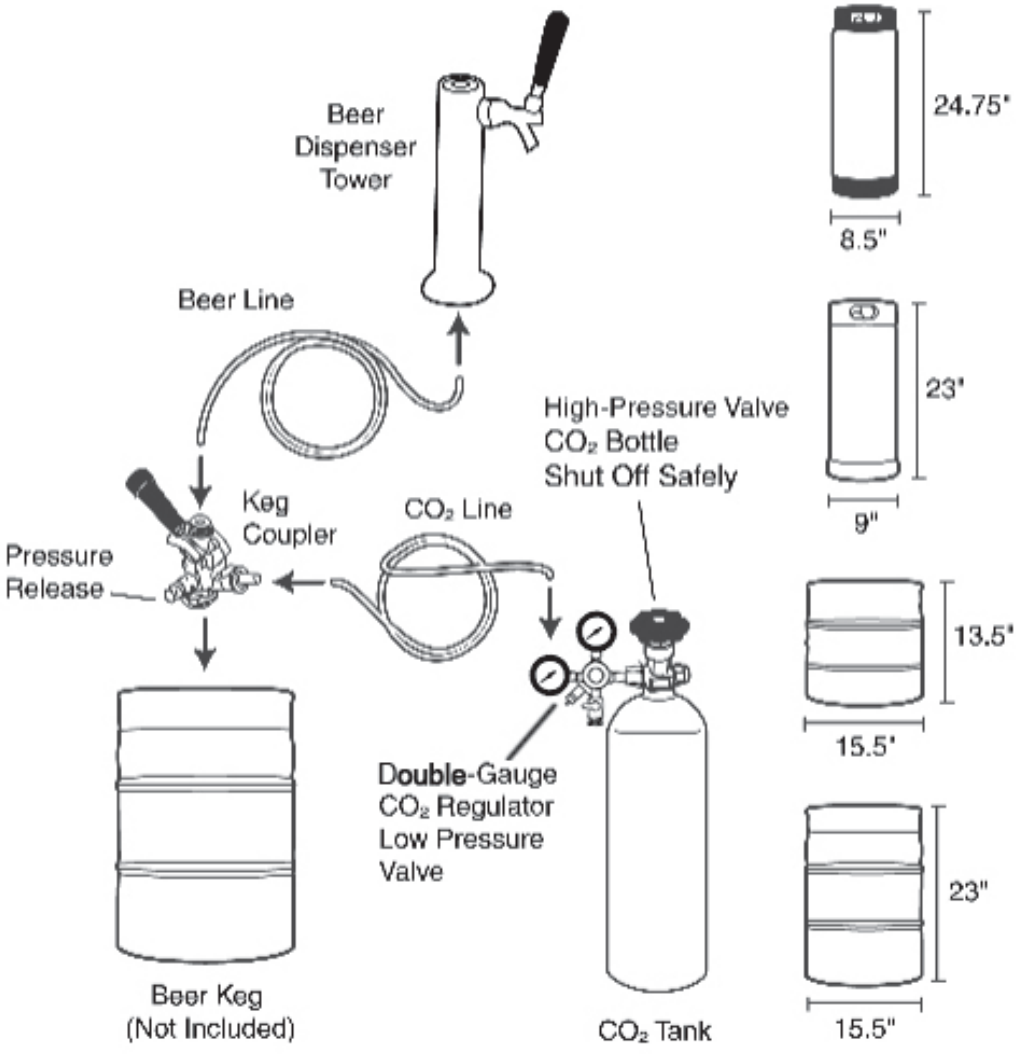
21. This appliance is not intended for use by children or persons with reduced physical, sensory, or mental capabilities unless they are supervised.

22. This appliance is not a toy.

23. Children must be supervised to ensure that they do not play with the appliance.

⚠ IMPORTANT SAFETY PRECAUTIONS FOR CO_2 (CARBON DIOXIDE) GAS

1. CO_2 gas can be hazardous. CO_2 cylinders contain compressed gas under high pressure and may be dangerous if handled improperly. Read and understand all instructions for CO_2 cylinders prior to installation.
2. Always connect the CO_2 cylinder to a pressure regulator. Failure to do so may result in an explosion when opening the cylinder valve, which could cause serious injury or death.
3. Never connect the CO_2 cylinder directly to the product container.
4. Always follow the specified procedures when replacing CO_2 cylinders.
5. Do not drop, strike, or throw CO_2 cylinders.
6. Keep CO_2 cylinders away from heat sources at all times. Store spare cylinders in a cool location (preferably at approx. 21 °C / 70 °F). Secure cylinders in an upright position using a chain or suitable restraint.
7. In the event of a CO_2 leak, ensure adequate ventilation immediately and evacuate the area without delay.
8. The pressure system is equipped with two safety devices (valves):
   – one on the CO_2 cylinder
   – one on the pressure regulator
9. Never attempt to refill a CO_2 cylinder yourself. Refilling must only be performed by authorized service providers, such as welding supply companies, beverage distributors, fire protection equipment suppliers, or keg retailers.



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RETAIN THIS MANUAL FOR FUTURE REFERENCE

⚠ DANGER: RISK OF CHILD ENTRAPMENT
Before disposing of your old appliance, remove the door to prevent children from becoming trapped inside.

❗ NOTE: If the refrigerator has been transported or stored in a horizontal or tilted position, allow it to stand upright for at least 24 hours before connecting it to the power supply.

Proper Location

- To ensure optimal performance, install the Kegerator in a location with proper air circulation and access to a suitable electrical outlet.
- Install the Kegerator in an area away from heat sources and direct sunlight.
- This Kegerator is intended for indoor use only. Do not use outdoors.
- This appliance is designed for freestanding installation only. Do not install in a built-in or enclosed space.
- Unit dimensions:

  20.3 in (W) × 32.10 in (H) × 26.20 in (D)
- Recommended minimum clearances:

  Sides: ¾“ (19 mm)
  Rear: 1“ (25 mm)

Use of Extension Cords

- Avoid the use of extension cords due to potential safety hazards.
- If an extension cord is required, use only a 3-wire extension cord with a grounded 3-prong plug.
- The extension cord must have an electrical rating equal to or greater than that of the appliance.

ASSEMBLY INSTRUCTIONS

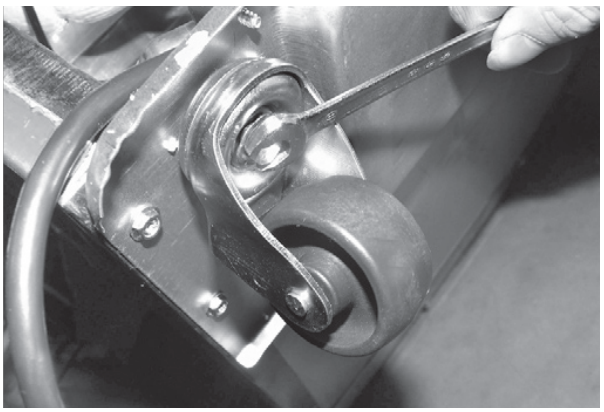
Read these assembly instructions carefully to ensure proper installation of the Kegerator. If you are unsure whether the appliance has been installed correctly, contact a qualified installer.

❗ **NOTE:** Allow the Kegerator to stand upright for approximately 8 hours before connecting it to the power supply. This is essential. If the unit has been transported or tilted, the refrigerant inside the system must stabilize before operation.

Installing the Casters

Follow the steps below to install the casters:

1. Empty the cabinet completely. Carefully lay the Kegerator on its side. Place cardboard or a soft cloth underneath to prevent dents or scratches.
2. Insert the casters into the mounting holes at the bottom corners of the cabinet. Tighten each caster by turning it clockwise using a suitable wrench (not included).
3. Once all four casters are securely tightened, return the unit to an upright position.



❗ **NOTE: Two of the casters are equipped with locking mechanisms to prevent movement on hard surfaces. Install the locking casters at the front of the unit and the non-locking casters at the rear.**

Installing the Beer Tap

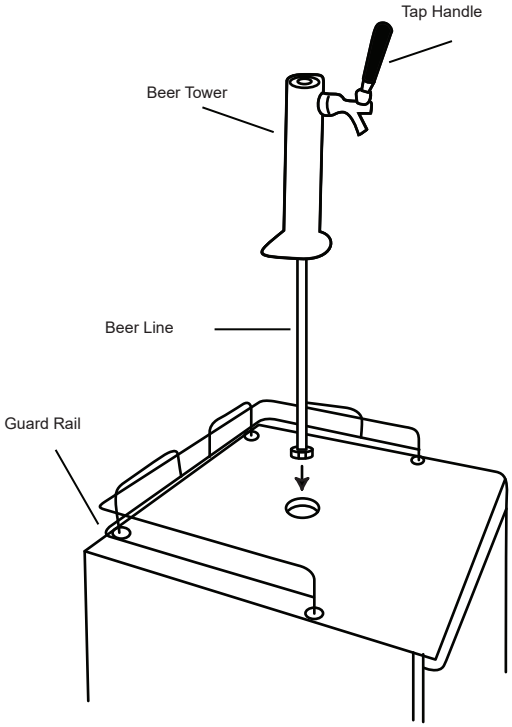
Follow the steps below to install the beer tap:

1. Remove the cabinet plug located on the work surface. Firmly grasp the plug, twist, and pull upward.

   ❗ **NOTE: Retain the plug for future use. It is required if the Kegerator is operated as a refrigerator without a keg installed.**

2. Align the notches on the bottom of the draft arm assembly with the grooves in the opening on top of the unit. Insert the draft arm into the opening and twist until it locks into place. No screws are required.

   ❗ **NOTE: The black gasket is optional for assembly (see Illustrations C and D on page 9.**



Refer also to Illustrations E and F on page 10 for hose connections between the CO_2 regulator and the keg, as well as between the regulator and the beer tap.

Installing the Guard Rail

Follow the steps below to install the guard rail:

1. Position the guard rail on top of the cabinet.
2. Align the guard rail with the mounting holes on the cabinet.
3. Secure the guard rail by inserting the posts into the corresponding rubber grommets.

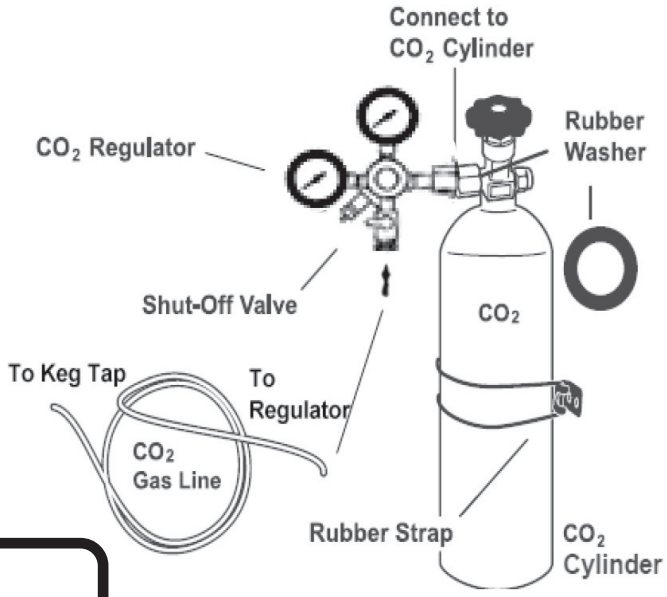
Installing the CO_2 Regulator and CO_2 Cylinder

Follow the steps below to safely install the CO_2 regulator and CO_2 cylinder.

Read and understand all instructions for handling CO_2 cylinders before installation.

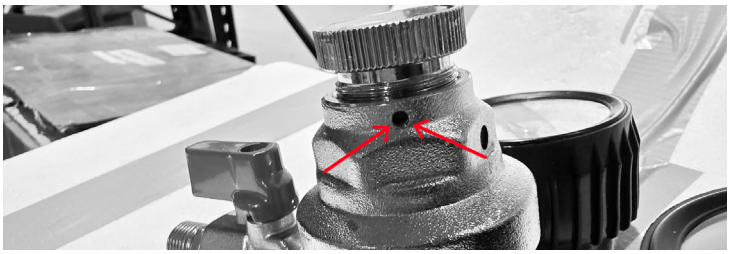
NOTE: CO_2 cylinders are supplied empty in accordance with DOT (U.S. Department of Transportation) safety regulations. The cylinder must be filled at an authorized supplier before first use. (For recommended sources, refer to page 2, item 9.)

1. Attach the CO_2 gas hose to the regulator by threading it onto the regulator outlet connection. (See Figure B on page 7.)
2. Insert the rubber gasket (included) into the union nut connection between the regulator and the CO_2 cylinder. (See Figure A on page 7.)
3. Attach the CO_2 regulator to the CO_2 cylinder. **IMPORTANT — SEE NOTE BELOW:** Thread the union nut onto the cylinder valve and tighten securely using an adjustable wrench.



IMPORTANT — BEFORE ADJUSTING PRESSURE

To properly adjust the CO_2 pressure regulator, the **side locking screw** must be loosened first. The pressure can then be adjusted using the plus/minus control.



Position of the set screw on the CO_2 regulator (loosen before adjustment)

Setting the CO_2 Pressure

1. Loosen the locking screw on the regulator.
2. Turn the adjustment knob slowly clockwise (+) to increase pressure.
3. Check the beer flow at the tap.
4. Repeat the adjustment until a consistent flow is achieved.
5. Lightly retighten the locking screw after adjustment.

4. Secure the CO_2 cylinder inside the unit using the installed retaining strap. (See illustration above.)
5. Position the CO_2 cylinder so that the pressure gauges are easily readable and the shut-off valves remain accessible.

WARNING — CO_2 Gas Hazard!
CO_2 cylinders contain compressed gas under high pressure and can be hazardous if handled improperly. Always handle CO_2 cylinders with care.

Tapping the Keg – Installing the Keg Coupler

(Single-Valve Type)
Follow the steps below to tap the beer keg:

1. Ensure the black pull handle of the keg coupler is in the closed (upright) position before installation (Fig. 1). Insert the coupler into the keg neck and turn it clockwise until it locks securely into place (Fig. 2). This indicates that the coupler is properly engaged.

2. Before connecting the beer line, verify that the black rubber washer is properly seated inside the wing nut (see Illustration A). Remove the protective cap from the top of the coupler and attach the wing nut with the washer. Hand-tighten securely (Fig. 2).

3. Connect the CO_2 line to the hose fitting on the tap. Secure the connection using the provided self-locking clamp to ensure an airtight seal (Fig. 3).

4. Position the tap handle in the closed (vertical) position before connecting it to the keg. To engage the coupler, press the handle downward until it locks into the fully lowered position. A distinct “click” indicates proper engagement (Fig. 4). This action opens both the beer and CO_2 valves.

5. Carefully lift the keg and place it onto the stainless steel keg support located at the bottom of the cabinet. Ensure the keg is properly seated, then close the door (Fig. 5).

6. The Kegerator is equipped with a 2.5 lb CO_2 cylinder, which is typically sufficient to dispense approximately four 15-gallon kegs of beer.

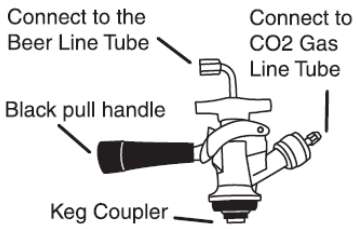
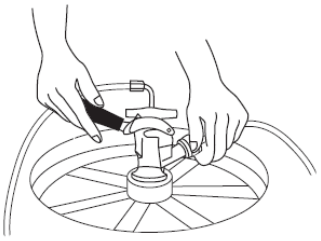
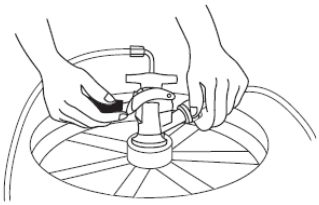


fig. 1



fig. 2


fig. 3


fig. 4

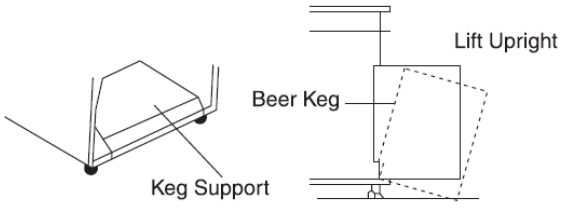


fig. 5

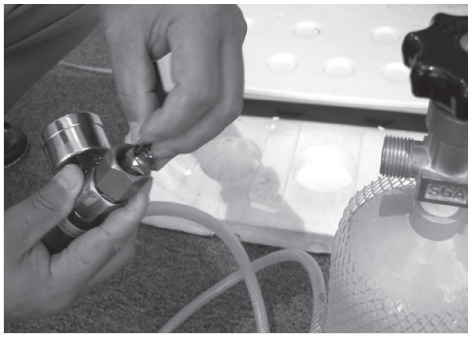


Illustration A
Sealing Washer Installed in Coupling Nut

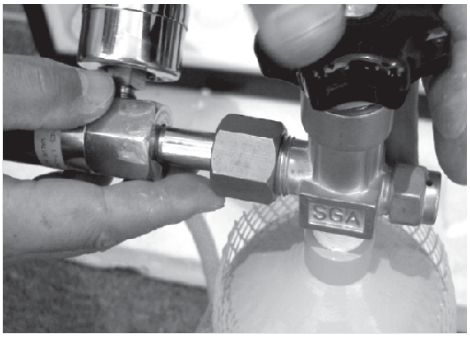


Illustration B
Attach to CO_2 Cylinder Valve

Operating Your Kegerator

Dispensing Beer
Follow the steps below to dispense beer:

1. Ensure the Kegerator is properly connected to a 220–240 V / 50 Hz grounded AC outlet.
2. Place a drip tray under the faucet to catch excess beer.
3. Open the beer faucet by pulling the tap handle toward you.

NOTE: If beer does not dispense, refer to “Tapping the Beer Keg — Installing the Keg Coupler”.

4. Increase the pressure if the beer flows too slowly.
5. Hold the glass at a 45° angle when dispensing. Straighten the glass as it fills. A proper head should be tight and creamy, with a foam collar of approximately ¾ in to 1 in (20–25 mm).

NOTE: Condensation on the faucet is normal. It is caused by the temperature difference between the cold beer and the faucet as beer flows through the line.

Common Cause of Improper Operation: If the CO_2 pressure cannot be adjusted, the set screw on the regulator may not have been loosened.

Verify this before requesting service.

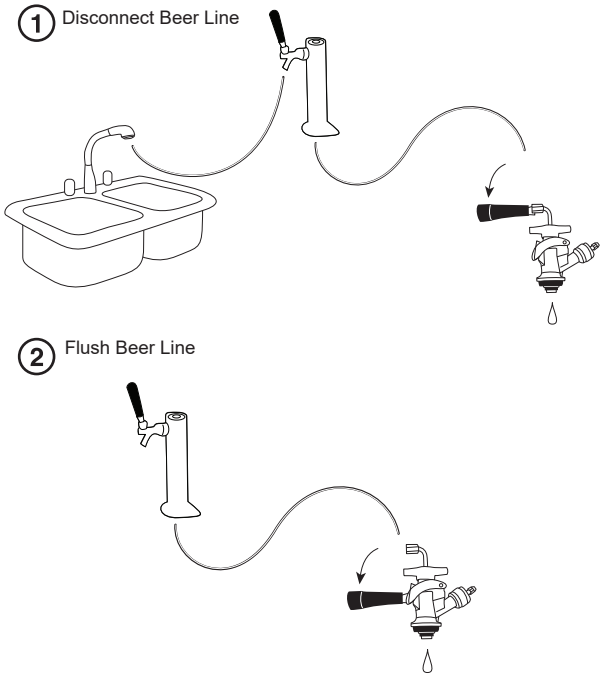
Cleaning & Maintenance

Flushing the Tubes
Follow the steps below to clean the keg tap and hoses:

1. Turn off the CO_2 supply completely before cleaning.

2. Disconnect the hose from the coupler and carefully remove the dispensing faucet from the top of the unit.

3. Ensure the tap handle is in the open (down) position before flushing. If the faucet is closed, water will not flow through the system. Hold one end of the hose under running water for 3–5 minutes while allowing the water to drain from the faucet into a sink. This will remove residual beer and help prevent the buildup of bacteria or mold.



4. To clean any beer residue inside the cabinet, remove the black rubber insulation and wipe the area with a damp cloth as needed.

Storage & Care

Follow the guidelines below when the Kegerator is not in use:

- Adjust the temperature control to a MID or LOW setting in colder environments to prevent frost and ice buildup inside the unit. The temperature control dial is located at the rear of the unit, inside the lower access area.

- Before storing the unit for an extended period, turn off the CO_2 supply and dispense beer until flow stops. This releases pressure from the keg and allows the coupler to be safely disconnected.

- To prevent damage to the unit, do not use sharp objects inside the Kegerator.

Special Safety Information

❗ Important Safety Information for Draft Beer Dispensing

Your Kegerator system is equipped with safety devices integrated into the CO_2 pressure line.
This Kegerator is compatible with the following keg types:

¼ Barrel (Pony Keg)
½ Barrel (Full-Size Keg)

The unit can also accommodate a 5-gallon Cornelius keg. If you intend to use a 5-gallon keg, ensure that you have the appropriate keg coupler, as an alternative connector may be required.
If you intend to use a different keg type, an appropriate coupler may be required.

Safety Device Installation Locations

Safety devices must be installed in one of the following locations:

A. On or directly downstream of the CO_2 regulator
B. On the tapping device
C. In-line within the pressure system

❗ **NOTE:** Locations A and B are preferred. Where possible, the safety devices should be integrated into the CO_2 regulator and tapping device to prevent removal or bypass.

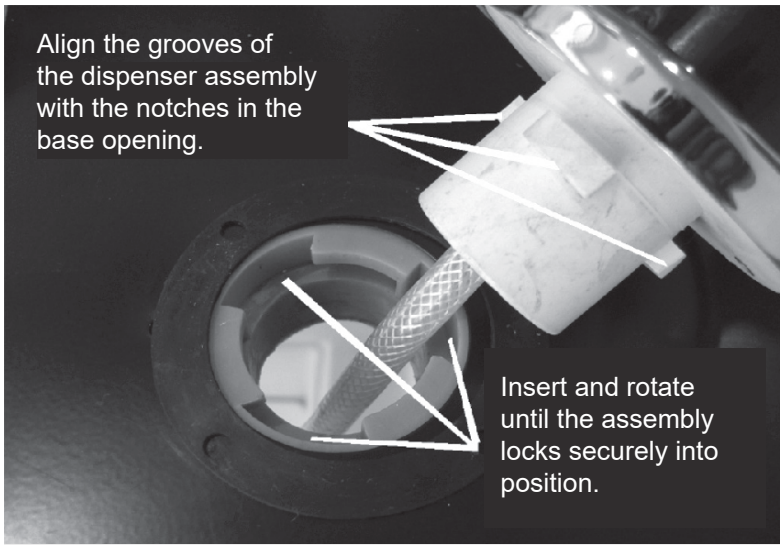


Illustration C

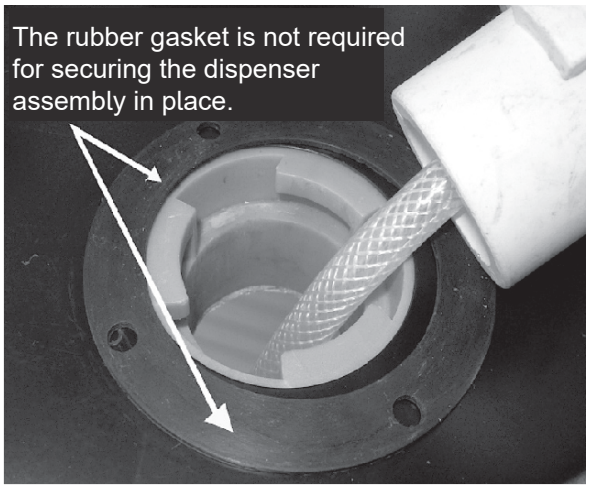


Illustration D

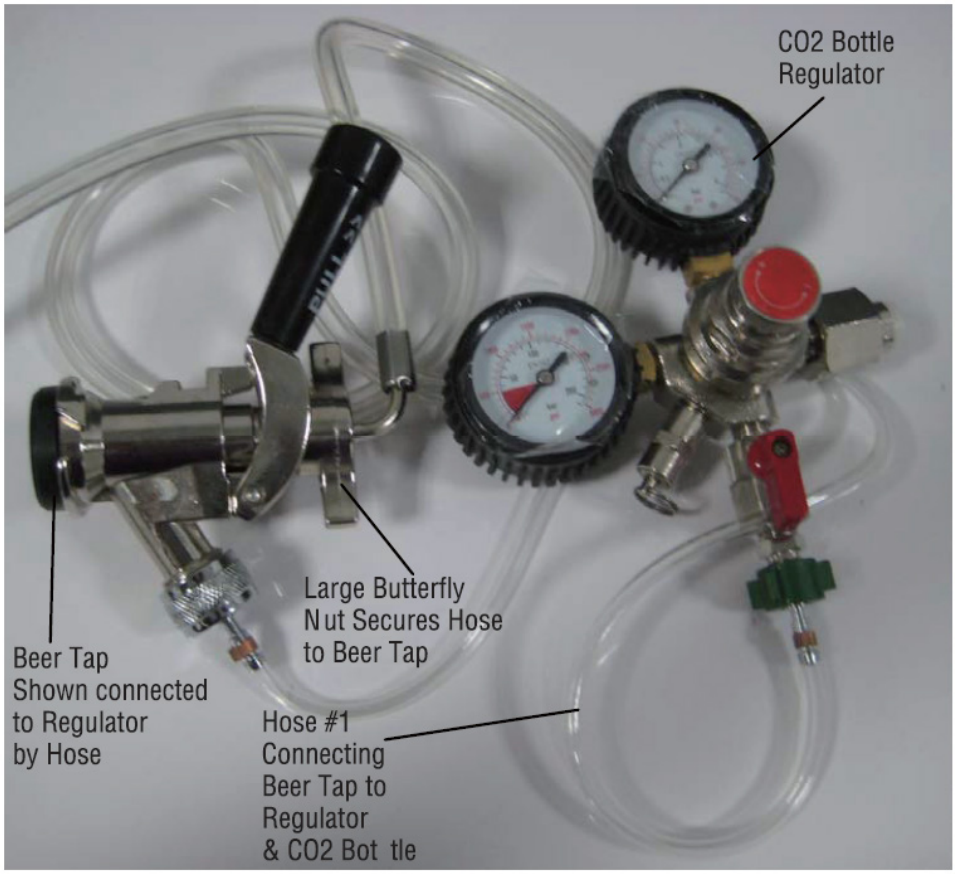
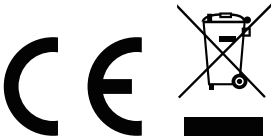


Illustration E



Illustration F



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