Perlick®

QUALITY & INNOVATION
THAT **INSPIRES**

Installation Manual

for Beer Dispensing Equipment

HP15TS/TO	15″ SIGNATURE SERIES
HP24TS/TO	24″ SIGNATURE SERIES
HC24TB/TO	24″ C-SERIES

Form No. Z2349
Rev. 03/05/2014

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CONGRATULATIONS

Congratulations on your purchase of a Perlick high quality residential Beer Dispenser. Perlick has proudly manufactured beer dispensing systems for over 50 years for bars, restaurants, stadiums, arenas and large venues around the world. That same technology is used in each and every residential beer dispenser we produce, assuring you'll pour fresh, cold beer as the brewery intended it to be enjoyed.

All Perlick products are built with commercial grade stainless steel, providing you with the beauty and durability for a lifetime of use. This installation guide will show you how to properly install the dispensing equipment on your Perlick Beer Dispenser.

We dedicate considerable time to ensure that our products provide the highest level of customer satisfaction. If, however, service is required, call Perlick at 800.558.5592. For your own protection, never return merchandise for credit without our approval.

We thank you again for selecting a high quality Perlick Beer Dispenser. Cheers!

IMPORTANT!

The installation of the actual beer dispenser cabinet should happen prior to installing the dispensing equipment. Refer to the Installation Manual that accompanied the Beer Dispenser for step-by-step installation of the cabinet.

⚠ DANGER **Keep CO2 cylinder away from heat. Rupture disc vents at 122°F maximum.**

⚠ DANGER **Do not drop or throw regulator or CO2 cylinder.**

⚠ WARNING **Allow only properly trained and experienced personnel to handle high pressure gas.**

⚠ WARNING **Do not apply oil to the regulator!**

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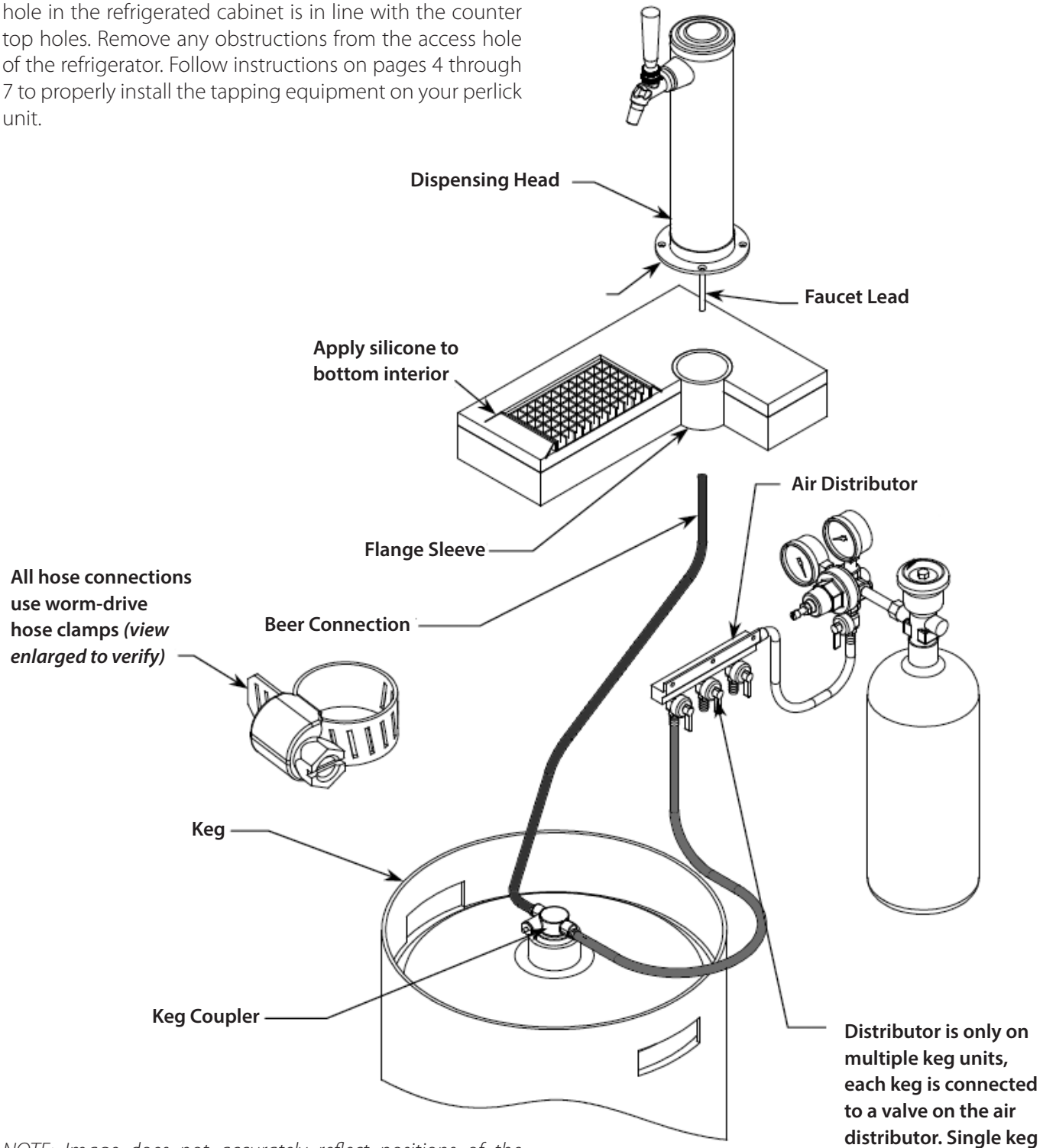
INSTALLATION OF DISPENSING EQUIPMENT

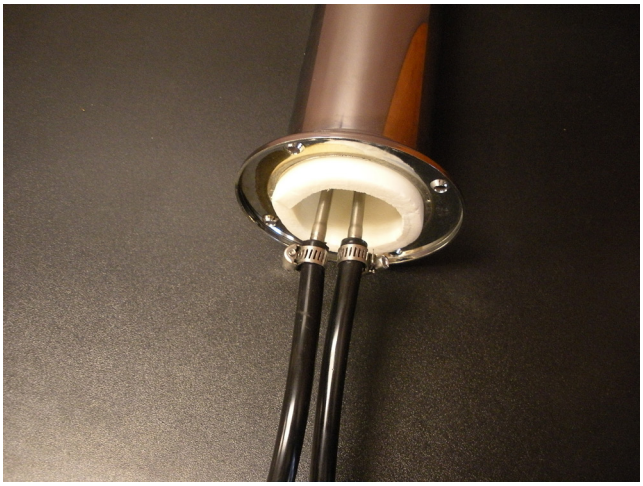
Open the tapping kit box and become familiar with its components. If the dispensing head is going to be mounted on a counter top directly above the refrigerated cabinet, have the counter top pre-drilled using the supplied template on page 9. Make sure that the access hole in the refrigerated cabinet is in line with the counter top holes. Remove any obstructions from the access hole of the refrigerator. Follow instructions on pages 4 through 7 to properly install the tapping equipment on your perlick unit.



NOTE: Image does not accurately reflect positions of the different elements within the unit. Positions and hose lengths shown are to clearly illustrate proper connection methods only.

NOTE: Wash tapping devices thoroughly. Flush beer and faucet lines, as well as the tapping device (keg coupler) with fresh water.

1. Locate the dispensing head , black beer line(s), and hose clamp(s). Slide one end of each beer line onto the stainless steel tubes which protrude out the bottom of the dispensing head and clamp tight.



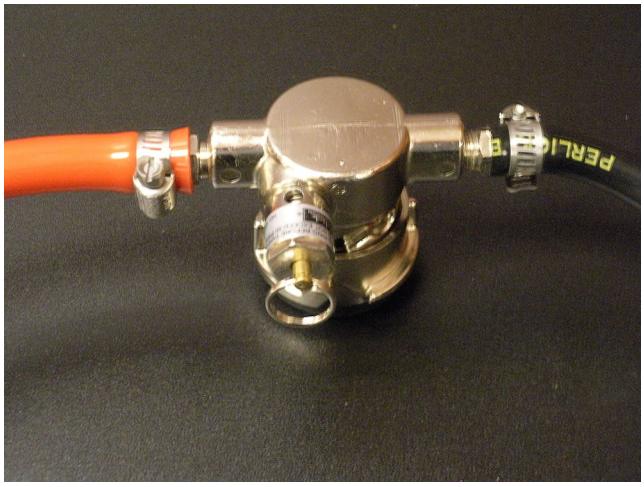
2. Insert the beer line(s) through the hole in the counter top. Position the head in place and apply silicone around the base of the dispensing head. Fasten using the 4 chrome screws included with the dispensing head. Wipe off excess silicone to complete the seal.

3. Using the 3/8" -thick foam pad included in the tapping kit and roll into a cylinder. From inside the cabinet, insert the foam tube up through the hole in the counter top until it is firmly against the insulation in the dispensing head. Cut away any excess foam that extends into the cabinet that extends into the refrigerator.

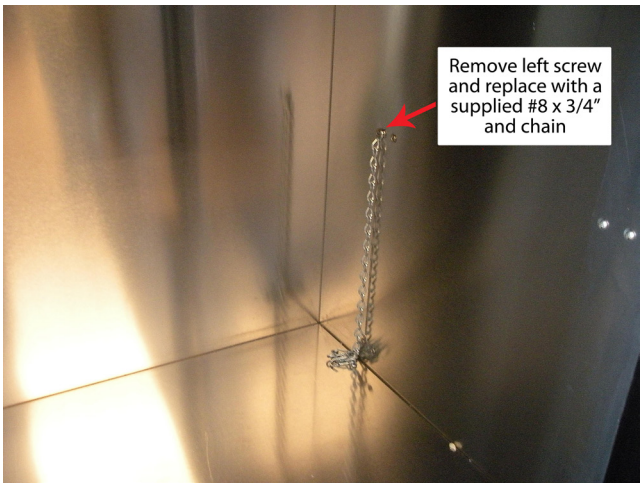
4. If installing a two or three faucet system, a CO2 manifold will need to be installed. Locate the red CO2 lines, CO2 manifold and a #10 x 1/2" sheet metal screw. Slide one end of each hose onto the barbed fittings on the manifold and clamp. On the left rear side wall of the beer compartment there is a double row of screws which run vertically. Remove one of the two top screws and discard. Insert the sheet metal screw through the manifold and into the hole vacated previously.

5. On a single beer system, locate the red CO2 hose. Slide one end onto the barbed fitting of the regulator assembly and clamp. On systems with two or three beers, locate the CO2 line that comes off the backside of the manifold assembly. Slide the hose onto the barbed fitting of the regulator assembly and clamp. For detailed information on connecting the regulator to the CO2 cylinder, see page 8.

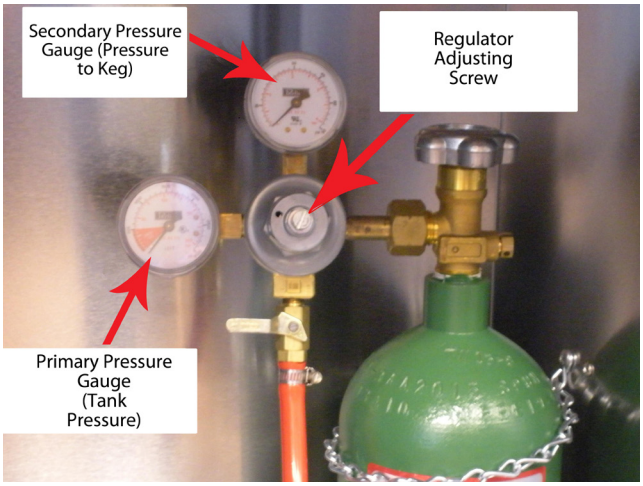
6. Locate the keg coupler(s). Slide one of the red CO2 lines onto the larger barbed fitting of coupler and clamp. Locate one of the black beer lines and slide onto the smaller barbed fitting of the coupler and clamp. Repeat for additional couplers.



7. On the right rear sidewall there is a double column of screws. Remove the center screw. Locate the safety chain and a #10 x 1/2" sheet metal screw from the parts bag. Insert the screw through the closed end link of the chain and tighten in the vacant screw hole. The chain can now be used to secure the tank, preventing damage to the regulator.



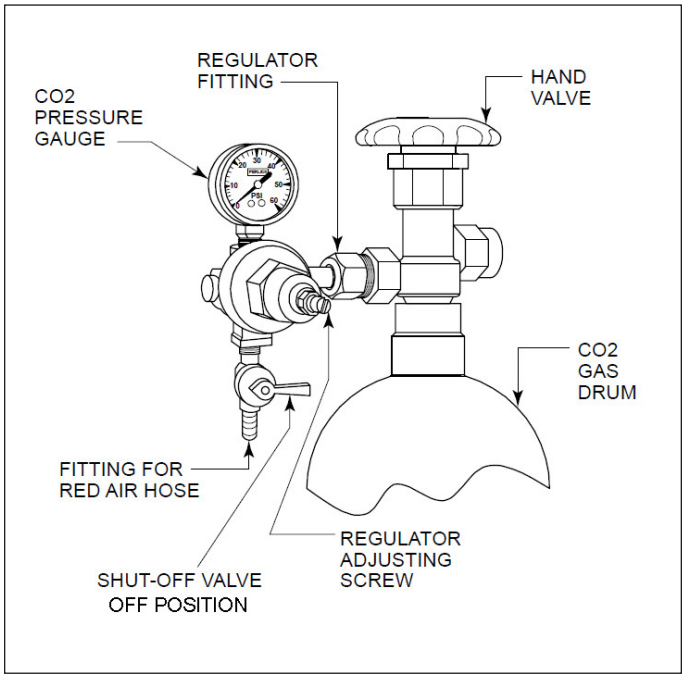
8. CO2 tanks are shipped empty and must be filled prior to use. Turn the adjusting screw on the regulator counter-clockwise one turn. Make sure that the valve at the bottom of the regulator where the red hose is connected is in the off position as shown. Open the tank valve. Watching the secondary pressure gauge, turn the regulator adjusting screw clockwise until the pressure is at 15 psig or required rack-off pressure. Adjustments can later be made based on flow rates.



9. Locate the beer faucet(s) and install onto the dispensing head shanks. Tighten with supplied spanner wrench. Install black handle(s) onto faucet(s).

10. Before tapping, make sure the beer faucet is closed. To tap a keg, insert the coupler into the fitting on top of the barrel. Turn the coupler clockwise until it stops (about an 1/8 turn), then push down on the top of the coupler and again turn clockwise until it stops. Your barrel is now open. Open the CO2 valve on the regulator as well as the valve on the manifold if used. Using soap and water solution, check all CO2 connections for leaks indicated by bubbles. Tighten as needed.

CONNECTING THE REGULATOR TO THE CO2 CYLINDER



1. Remove the blue plug from the regulator fitting, but do not remove the carbonic washer.
2. Screw regulator onto gas cylinder valve. Tighten with wrench until vertically straight. Be sure that the shut-off valve on the regulator is in the OFF (horizontal) position.
3. Place screw clamp over the end of red line and push onto regulator tail piece. Tighten clamp with a screwdriver.
4. Turn regulator adjusting screw counterclockwise until it turns freely.
5. Turn hand valve counter-clockwise on the CO2 cylinder to the fully open position.
6. Turn regulator adjusting screw clockwise until desired pressure is reached (approximately 12-15 lbs.) Tighten stop nut on adjusting screw.
7. Open shut-out valve on bottom of regulator.

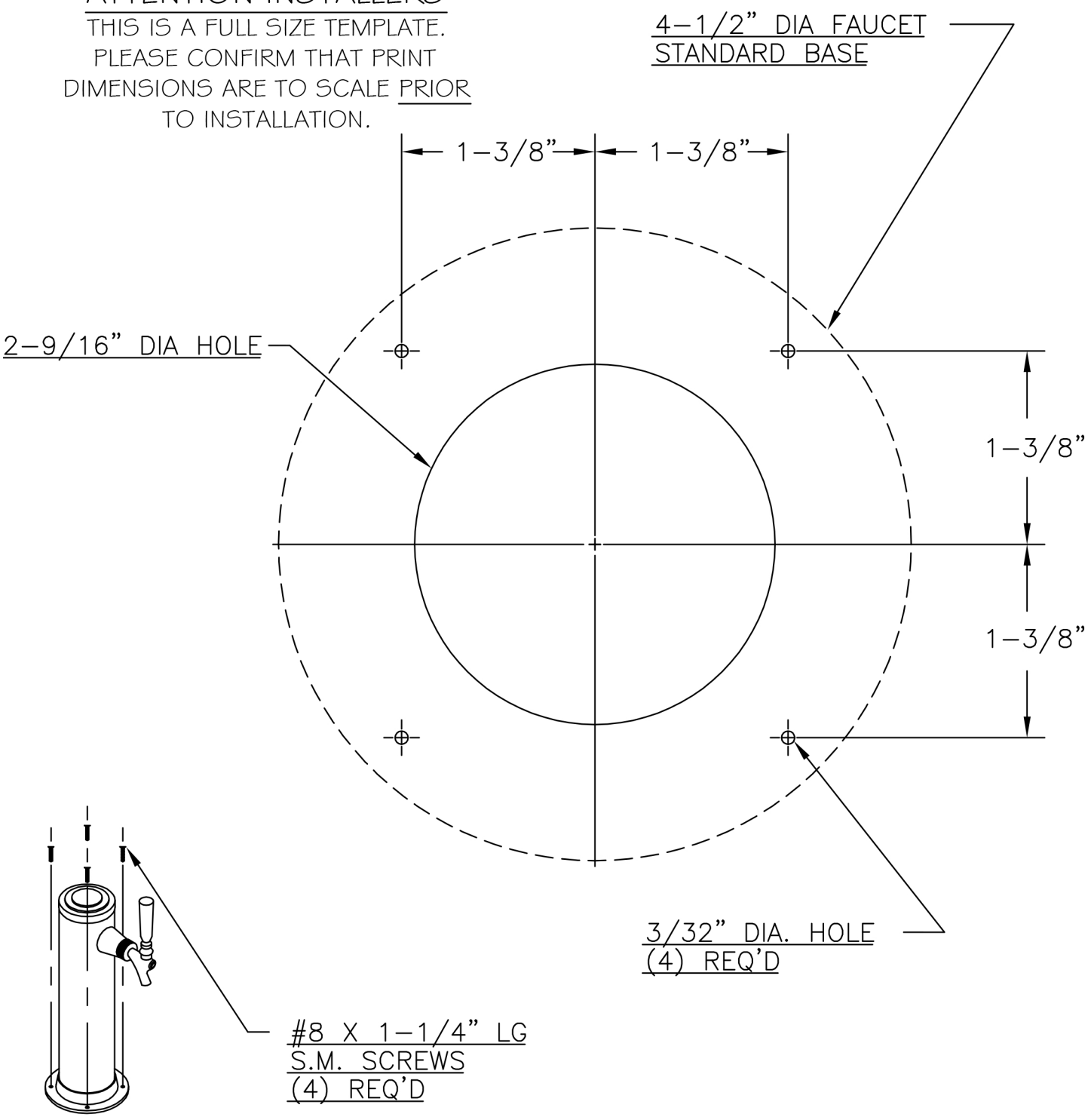
CO2 LEAK TEST

Dilute a small amount of liquid dishwashing soap and rub the soapy mixture around each connection. If bubbles appear, tighten the connection.

MOUNTING HOLE TEMPLATE FOR DRAFT ARMS

ATTENTION INSTALLERS

THIS IS A FULL SIZE TEMPLATE. PLEASE CONFIRM THAT PRINT DIMENSIONS ARE TO SCALE PRIOR TO INSTALLATION.



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Use and Care Guides, Specification Sheets, Wood Overlay Templates for Doors, Drawers and Grilles, and Corresponding Compliance and Energy Guides are available for download at **www.perlick.com/residential-products/service-support**.

Contact Perlick Customer or Technical Service at 800.558.5592.

Customer Service and Technical Service are available business days Monday through Friday from 8 a.m. to 4:30 p.m. CST.

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