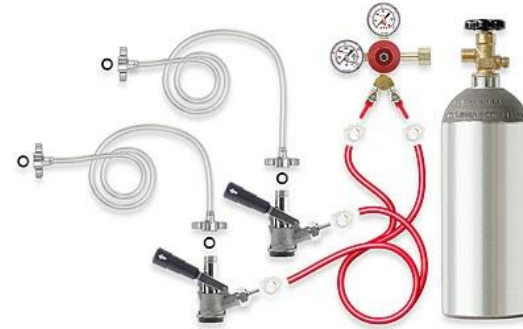




Jockey Box Training

Introduction

- A portable dispense solution, which uses high- pressure CO₂, and ice chilled stainless steel coils, to pour a well-balanced beer.
- **NOT** appropriate for day-to-day use, as draught beer is perishable and room temperature storage will accelerate aging of the keg.
- Jockey boxes use high pressure CO₂ or Beer Gas which can easily over carbonate a keg when tapped longer than a day.



Internal Layout

- 50' ft Stainless Steel Coil 5/16 ID
- 5'ft of coiled "choke" 3/16 ID NSF-51 Vinyl Tube

Recommended pressure: 30 PSI



Internal Layout

- 70' ft Stainless Steel Coil 5/16 ID
- 3'ft of coiled "choke" 3/16 ID NSF-51 Vinyl Tube

Recommended pressure: 35 PSI



Internal Layout

- 120' ft Stainless Steel Coil 5/16 ID
- 3'ft of coiled "choke" 3/16 ID NSF-51 Vinyl Tube

Recommended pressure: 35-40 PSI

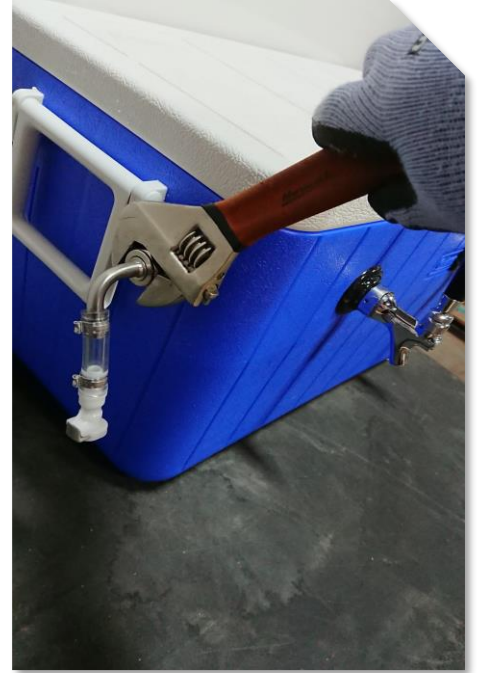


Set Up

1. First Step check that you have all the necessary components:
 - Primary Regulator (CO2/N2)
 - Red Gas Manifold with Keg Couplers
 - 4'ft Beer lines (Keg to Jockey Box)
 - Beer Nut Washers
 - Quick Connect Fitting Attachments.
2. Attach **Quick Connect Fittings** using an adjustable wrench.

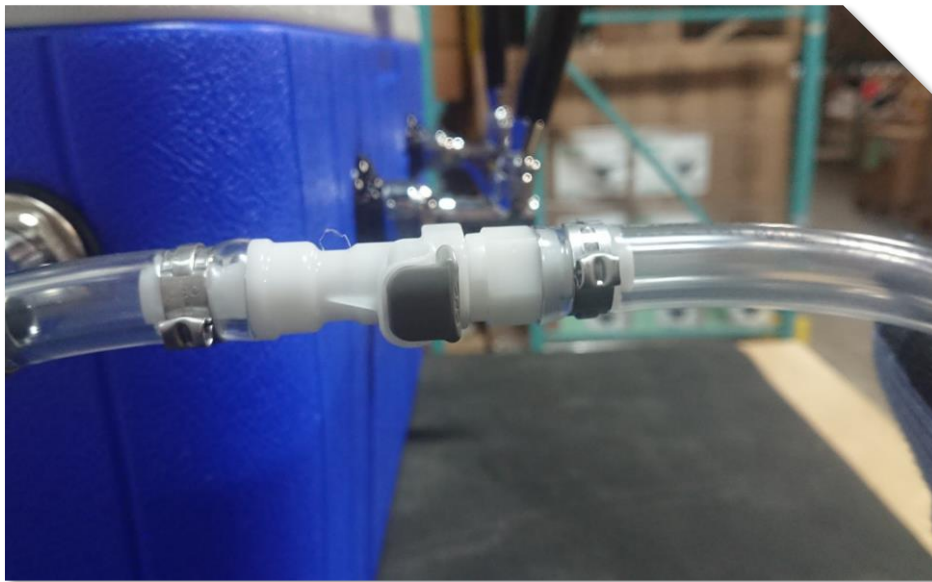


Note: Make sure the sealing washer is being installed!



Set Up

3. Connect the Beer Lines by pushing **MALE** connector into the **FEMALE** connector.

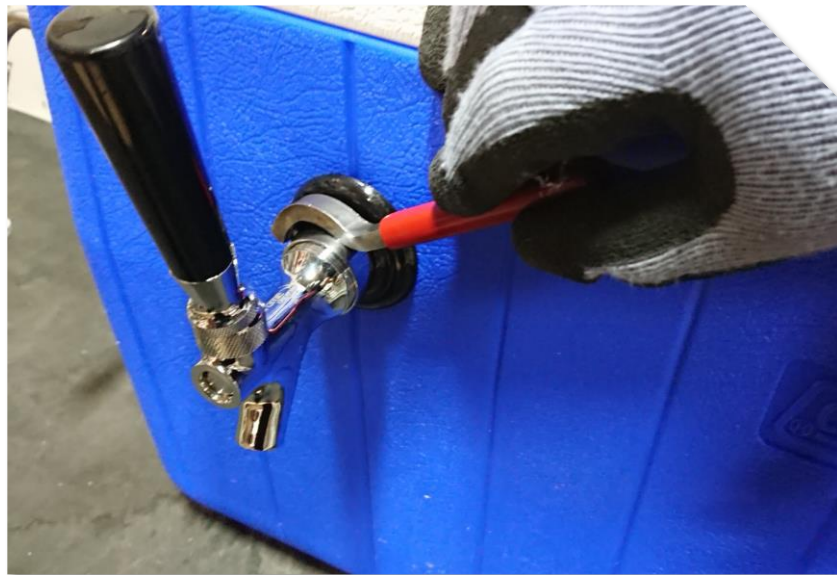


Set Up

4. Attach the Faucets using a faucet wrench.



Note: Look inside the faucet and make sure the faucet washer is here!



Set Up

- Coil style Jockey Boxes can pour beer efficiently even with kegs at **room temperature** (64°F - 74°F or 18C-24C). however, if the temperature is **ABOVE** room temperature your keg will need to be **chilled**.



Set Up

- Tap the keg. With the coupler in the “**up**” position, twist on to the keg and **push down** handle to lock.
- Add **ICE** to the jockey box and completely cover the coils.
- Add **COLD** water on top of the ice allowing better surface contact. The ice water is a better conductor than just ice.



Setting Beer Gas Pressure

- First inspect your N2 regulator for damaged gauges and make sure there is a sealing washer for the N2 Stem.
- Using a N2 wrench or adjustable wrench securely tighten the regulator onto the gas cylinder.
- When setting the N2 pressure good practice is to first ensure that the regulator valve is in the off position.



Before turning on the gas make sure that the regulator is in the OFF position. This is because there is no way to know what the previous user had the regulator set to. You could accidentally over carbonate the keg!



Note: Without N2 sealing washer you WILL leak gas



Setting Beer Gas Pressure

- With the shut-off valve on the regulator in the **OFF** position turn the knob on the N2 cylinder all the way **OPEN**.
- Regardless what the regulator is set to when you first turn it on, set it back to **ZERO** by turning the front adjustment knob counter-clockwise.
- With regulator set to zero we are ready to start “balancing” the beer gas pressure in our jockey box.
- The size of coil will affect what our set point will be however, **28 PSI** is usually a safe place to start for any size coil.



Note: The gauge on the left lets you know how much gas is left in the cylinder.



Note: As there are many variables, this is usually a trial and error process opposed to an actual calculation.



Setting Beer Gas Pressure

- Starting at 28 PSI (using a Slot Screwdriver) **SLOWLY** turn the pressure knob clockwise stopping about every 2 PSI to check beer flow.
- Once you achieve a good flow, enjoy! Remember there are many variables involved in balancing a perfect rate of beer flow i.e. Keg temperature, outdoor temperature, style of beer, and the length of coil. Every event will bring its own unique challenges. Just remember to not stress and go with the flow!



Note: Gas needs time to blend with the beer throughout the whole coil system. Wait a few minutes before checking beer flow after each adjustment for a more accurate result.

Beer Tubing

Type	Size	Restriction	Volume
Vinyl	3/16" ID	3.00 lbs/ft	1/6 oz/ft
Vinyl	1/4" ID	0.85 lbs/ft	1/3 oz/ft
Vinyl	5/16" ID	0.40 lbs/ft	1/2 oz/ft
Vinyl	3/8" ID	0.20 lbs/ft	3/4 oz/ft
Vinyl	1/2" ID	0.025 lbs/ft	1-1/3 oz/ft
Barrier	1/4" ID	0.30 lbs/ft	1/3 oz/ft
Barrier	5/16" ID	0.10 lbs/ft	1/2 oz/ft
Barrier	3/8" ID	0.06 lbs/ft	3/4 oz/ft
Stainless	1/4" ID	1.20 lbs/ft	1/6 oz/ft
Stainless	5/16" ID	0.30 lbs/ft	1/3 oz/ft
Stainless	3/8" ID	0.12 lbs/ft	1/2 oz/ft

Cleaning & Maintenance

- It is nearly impossible to remove the mold and biofilms that can occur from storing away a jockey box that still has beer left in the coils!



Cleaning & Maintenance

- At the **end of every event** immediately blow out the lines using an empty cleaning can or stainless-steel flusher attachment (shown below).
- Try **every week** to use beer line cleaner and rinse out with water.
- Also important to regularly clean the faucets between events. Take apart the faucet (shown below) and scrub any biofilms with a faucet brush.

