

# Counter Pressure Bottle Filler

## General Instructions for use:

Sterilize pressure filler and bottles before use.

Either 1/4 inch hose barb on the top Tee can be used for CO2 or Beer inlet.

Chilled beer and bottles can help to prevent foaming.

Ensure beer in Keg is sufficiently carbonated.

Only use the Counter Pressure Bottle Filler with low pressure from the Keg, typically your pouring pressure, less than 10 p.s.i.

**Ensure both lever ball valves and needle bleed valve are shut before use or you may experience beer spilling out at great velocity. I've done it!!!**

Connect CO2 from regulator to gas inlet on bottle filler. You can use a three way Tee for this. (I can provide a three way Tee and in-line connect/disconnect if needed).

Connect Beer from Keg to Beer inlet on bottle filler. An extra Keg coupling is handy for this.

With the rubber stopper fitted to provide a gas tight seal, ensure stainless fill tube reaches nearly to the bottom of the bottle you are filling. If it doesn't, loosen the nut at the fitting that has the needle valve and adjust accordingly - then tighten. Alternatively you can place a piece of plastic tubing over the stainless tube.

Apply a little downward pressure on the bottle filler so that the rubber stopper in the neck of the bottle has a tight seal.

Open the CO2 ball valve slowly which will pressurize the bottle. Open the needle valve and you will hear a hiss. Count slowly to 5 with needle valve open to give enough time to expel any air. (This is to allow purging of air in the bottle with CO2. As CO2 is heavier than air, CO2 will displace the air, forcing it to the top of the bottle and out the opened needle bleed valve).

Close needle/ball bleed valve.

Then close CO2 inlet ball valve.

Open Beer ball valve. As the pressure inside the bottle is equal to the pressure in the Keg, NO BEER will flow. If beer does flow you don't have an air-tight seal and this should be corrected.

**It is important to keep downward pressure on the rubber stopper as releasing it now will cause beer to flow uncontrollably. I've also done it!!!**

Slowly open the needle valve and gently fill the bottle with Beer to the top. It is better to gently fill the bottle as rushing will cause foaming. Once full, shut the needle/ball bleed valve.

Then shut the beer valve

Open the needle valve to expel any remaining CO2. Some froth may exit the needle valve, this is common. Do not remove tube and stopper until you are doubly sure that all CO2 has been expelled or you may receive a Beer shower. **I've done this too!!!!**

When you remove the rubber stopper from the neck of the bottle your Beer may start to foam up. Allow it to overflow and cap immediately. This CO2 foam is good as it helps displace any trapped air from the bottle and so is beneficial.

Once you have filled a few bottles you will gain experience and develop your own style which works for you.

**Note:**

- Do not use glass bottles that are cracked or chipped
- Plastic or glass can be filled
- Can be thoroughly dis-assembled for cleaning
- Use Teflon tape around threads for proper seal on re-assembly

All care has been used in writing these instructions but we cannot be held responsible for any injury to person or property.

