

Counter Pressure Bottle Filler Kit duotight Compatible

Instruction Manual

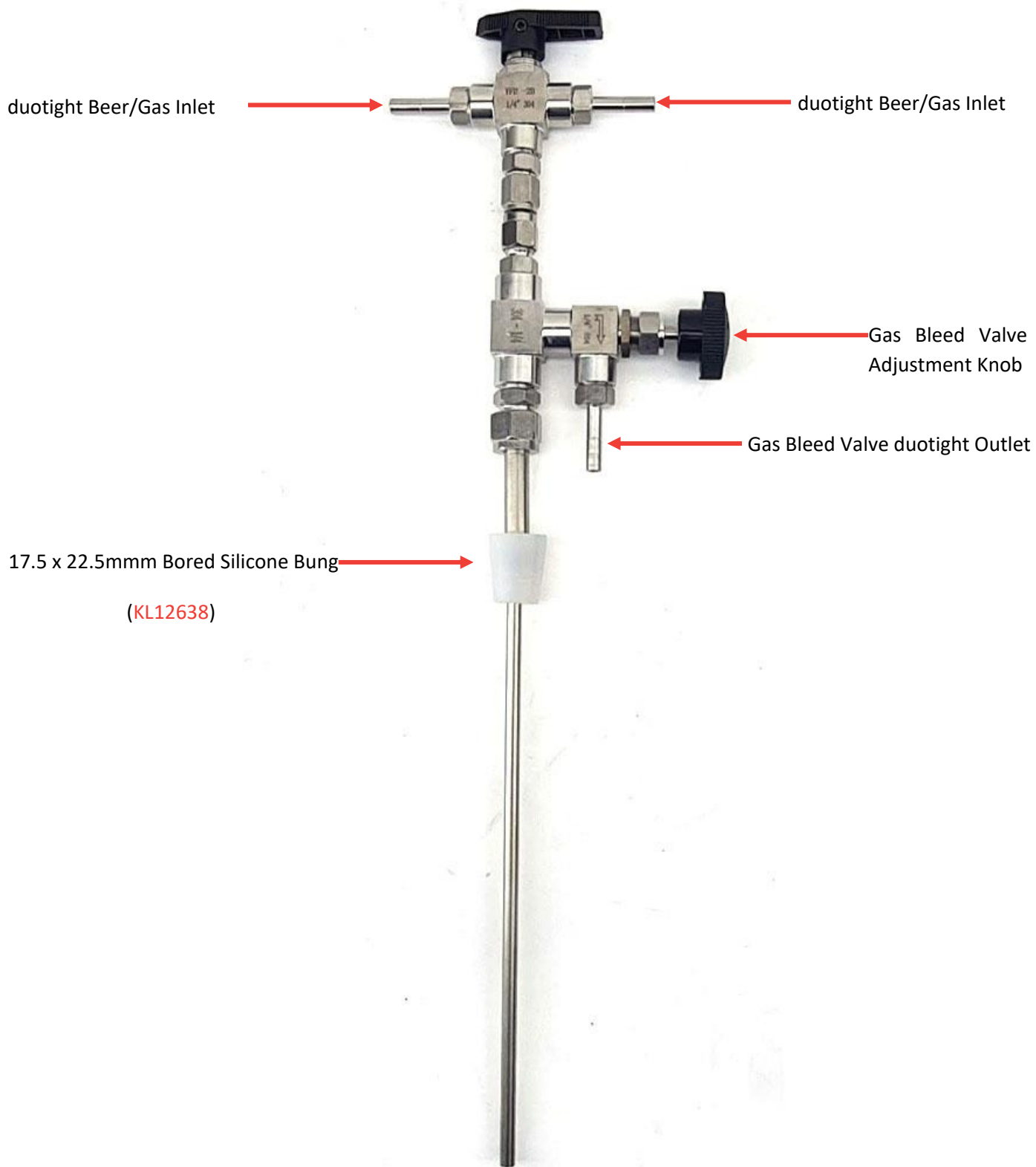
KL01243



Counter Pressure Bottle Filler Kit Instruction Manual

Important

- Do not exceed 15psi (100 kPa)
- A leak test must be conducted upon initial setup.
- Only use KegLand approved cleaning and sanitising chemicals such as StellarClean and StellarSan. Do not clean with harsh chlorinated cleaners.



Assembly

The counter pressure bottle filler comes as standard with duotight compatible barbs for the inlets and outlets.

The easiest means to attach gas line and beer line to your counter pressure bottle filler is either by sliding the hosing over the barb and securing with a stepless clamp or you can use duotight fittings (sold separately).

6.35mm x 8mm duotight fittings or 6.35mm x 9.5mm duotight fittings can be pushed on to the duotight barbs of each inlet and outlet making it easy to connect and disconnect the correct size EVABarrier tubing you have available. Simply push the duotight fitting onto the barb ensuring that the barb is pushed in past the two o-rings on the duotight fitting to its full depth. Check for a good connection by gently pulling back on the duotight fitting, if the duotight fitting comes free from the barb then push the duotight fitting onto the barb ensuring the duotight fitting is pushed far enough onto the barb.



Ensure your hose has a clean straight cut with no burs, this can be achieved easily with a sharp Stanley knife or two in one tube cutter. Do not cut the hose at an angle. Then push your EVABarrier hose into the duotight fitting ensuring a good connection has been formed by gently pulling back on the hose.

Either the left or right duotight fitting at the top of the counter pressure bottle filler can be used for beer or gas. It doesn't matter which way it is connected.

Once you have hooked up your EVABarrier gas line and beer line to the counter pressure bottle filler it is important to perform a quick leak test.

Performing a Leak Test

It is essential to perform a leak test whenever you plan to bottle any beverage using the counter pressure bottle filler.

A leak test can be conducted via multiple methods which are outlined below. It is a good idea to perform both of the leak test methods to be certain the system is holding pressure and to avoid using excess CO2 during the transfer.

1. Pressure decay test

Step 1. Hook your counter pressure bottle filler up to your CO2 regulator and gas cylinder.

Step 2. Set the pressure on the regulator to 10psi by turning the adjustment knob on the regulator clockwise

Step 3. Turn the gas cylinder off and leave to sit for about 10-15 minutes. Then check if the pressure on the regulator has decreased from the set pressure.

If the pressure has dropped then this indicates that there is a leak in the system. The source of this leak needs to be determined and fixed before proceeding.

2. Bubble test

Step 1. Hook your counter pressure bottle filler up to your CO2 regulator and gas cylinder and set the pressure on the regulator to 10psi.

Step 2. Spray all connections with soapy water and look for the formation of bubbles. This includes all push fit connections and connections between the regulator and CO2 cylinder.

Note: Do not spray any duotight fittings with phosphoric acid or StellarSan solution.

If bubbles are formed at any of these connections this indicates a leak which needs to be fixed.

Alternatively, the counter pressure bottle filler including all hose connections can be submersed in water. The formation of bubbles in the water indicates a leak.

How To Fill a Bottle from a Carbonated Keg or FermZilla

Step 1. Carbonate your beer to the desired final pressure before transferring into bottles. The easiest way to carbonate your beer is to set your keg or FermZilla at 10-11 psi at 2°C for over 7 days.

Step 2. Connect your counter pressure bottle filler up to your regulator and your keg or FermZilla.

Step 3. Sanitise your bottles using a no-rinse sanitiser such as Chemi pro Oxi

Step 4. Insert the counter pressure bottle filler into your bottle and move the bung such that it fits securely into the opening of the bottle.



Step 5. Start with the handle of the counter pressure bottle filler in the off position (perpendicular to the unit).



Step 6. Set the pressure on your regulator to 10 psi

Counter Pressure Bottle Filler Kit Instruction Manual

Step 7. Fill your bottle with CO2 by rotating the handle in the direction of the gas inlet and then turn purge the bottle of any oxygen by purging the bottle for a few seconds by opening the gas bleed valve by turning the adjustment knob in a counter clockwise direction on the side of the counter pressure bottle filler.



Step 8. After the bottle has been purged of any oxygen, close the bleed valve and pressurise the bottle back up to 10psi with CO2.

Step 9. Turn the handle in the direction of the beer inlet to begin the flow of beer. Beer will begin flowing into the bottle. If the transfer of liquid into the bottle slows to a halt slowly open the gas bleed valve to allow some gas to escape. This will allow liquid to begin flowing into the bottle again.



Step 10.

Once the bottle is full turn the handle to be perpendicular to stop the flow of beer. Open the bleed valve to

Counter Pressure Bottle Filler Kit Instruction Manual

release any pressure in the bottle and then remove the bottle from the counter pressure bottle filler and quickly cap the bottle.

How to Fill a Bottle from a NukaTap on your Kegerator

Easily and quickly fill up a few travellers for a party or some bottles for a competition straight from the tap of the kegerator without having to disconnect all your beer lines and remove the kegs from your keg fridge.

The best way to connect beer line to your tap is to use a Liquid Ball Lock Spout

. Simply unscrew the spout on your NukaTap/intertap or and swap it over the with liquid ball lock spout. Then beer line can be attached to the ball lock spout using a liquid ball lock disconnect (.).

Once connected to your counter pressure bottle filler, open your tap while the handle on the counter pressure bottle filler is in the closed position to allow beer to flow to the counter pressure. Then fill your bottles as you normally would from a keg or FermZilla using the operating procedure above.

Note: You may need to periodically repressurise your keg up to 10 psi whenever the liquid flow rate slows down too much if you have removed the gas from the keg in the fridge.

Cleaning and Sanitising the Counter Pressure Bottle Filler

The best way to clean and sanitise your counter pressure bottle filler is to run Chemipro oxi through the liquid inlet of the counter pressure bottle filler, rinse thoroughly with water and then run a no-rinse sanitiser such as Chemi Pro oxi through.

An easy way to do this is to use a gas free ball lock line cleaning kit with a PET bottle . This will allow you to add the cleaner or sanitiser solution to a PET bottle and then pump the solution through the counter pressure bottle filler without gas.



Swapping the duotight Compatible Barbs with Ball Lock Posts – Quick Disconnects

The duotight compatible barbs can be removed from the Counter Pressure Bottle Filler using a 14mm socket.



This leaves a 1/4" female thread which suits a range of other fittings, however, the most useful of which is to install a liquid and gas ball lock posts with 1/4 inch BSP bulkhead assembly and . This allows the counter-pressure bottle filler to be quickly connected and disconnected from your existing kegging system.

