

NukaTap

Counter Pressure Bottle Filler

Instruction Manual

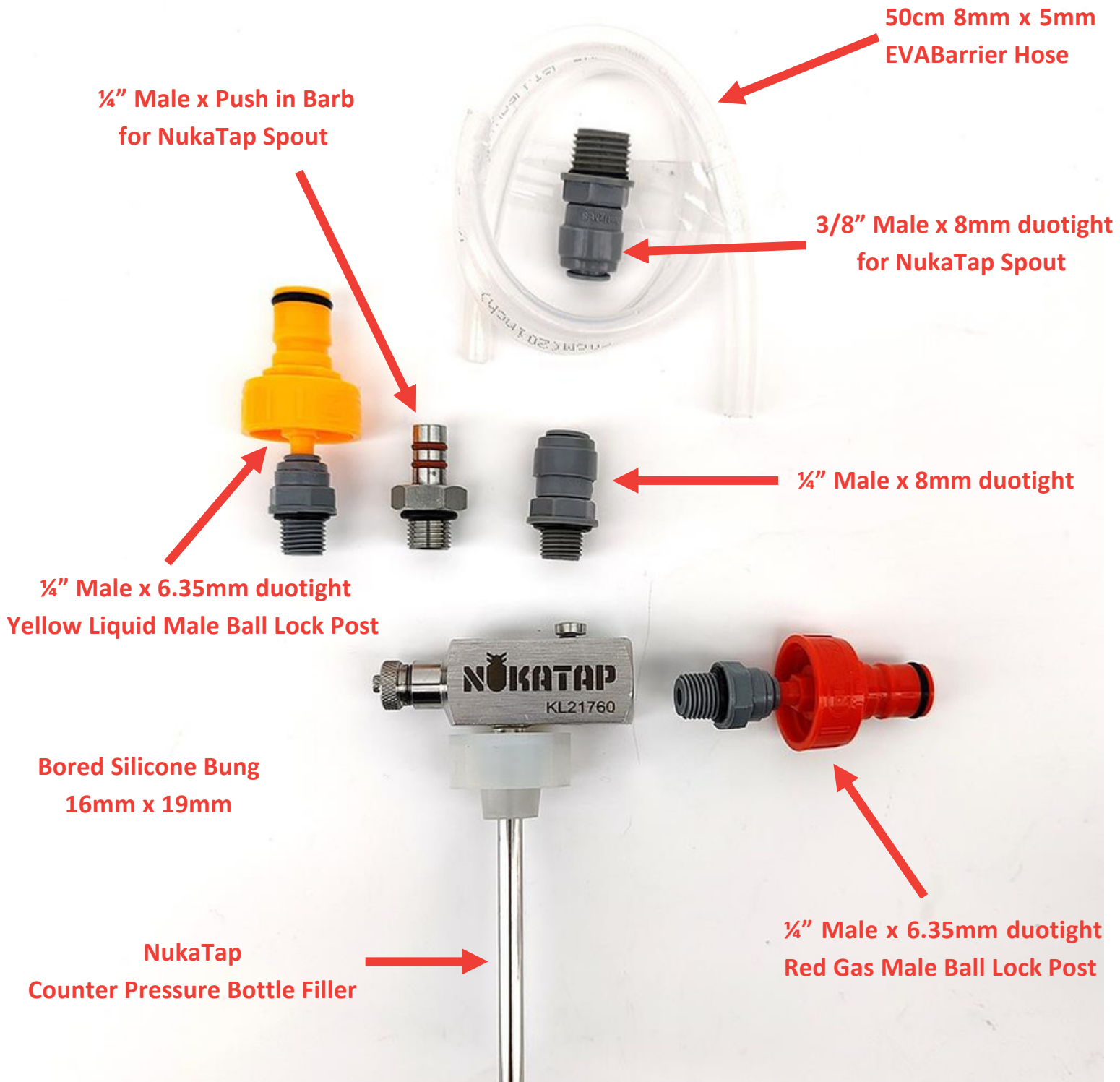
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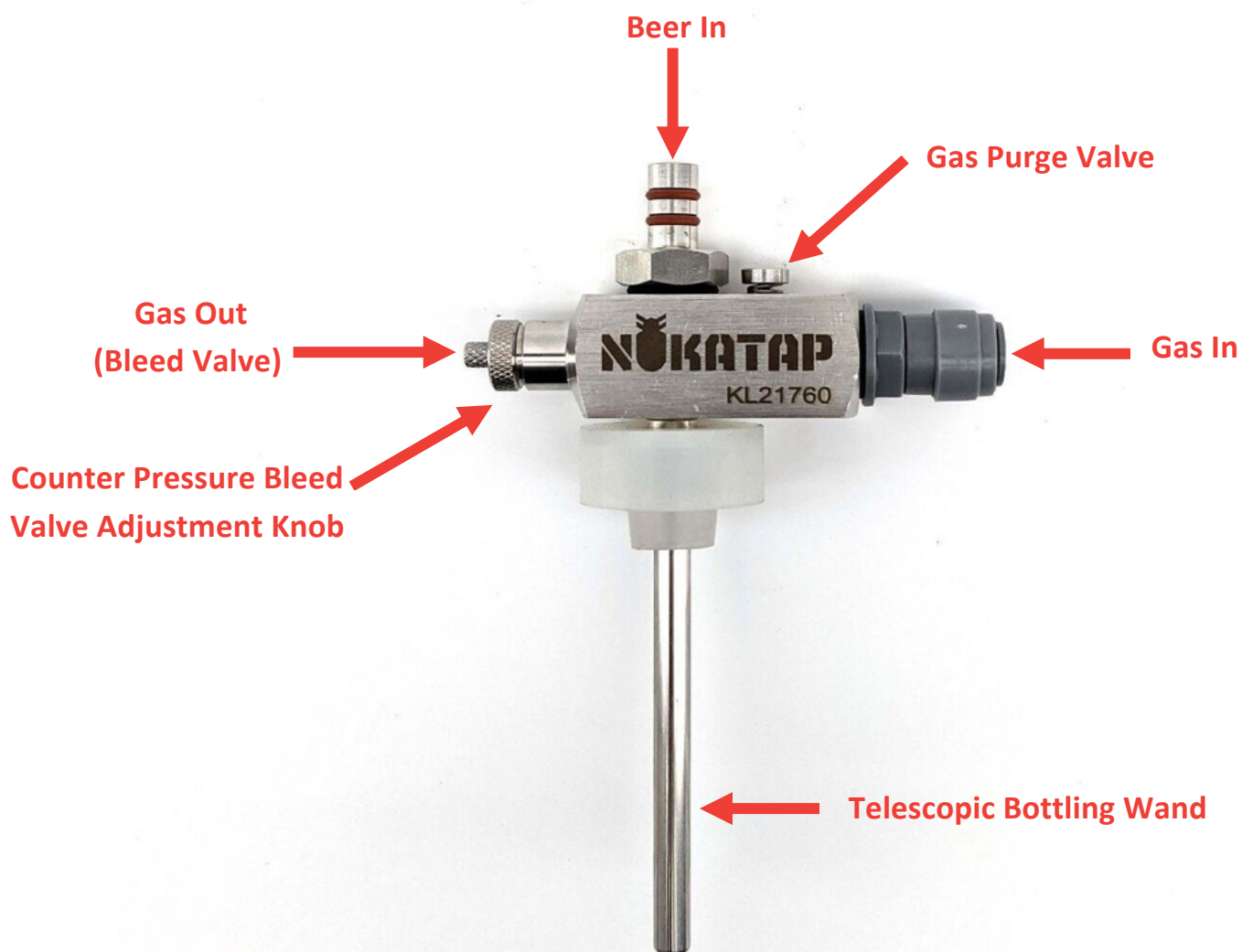
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Important

- 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.



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What's Included

- 1 x NukaTap Counter Pressure Bottle Filler
- 1 x 50cm 5mm ID x 8mm OD EVABarrier Hose
- 1 x 3/8" Male x 8mm duotight for NukaTap Spout
- 1 x 1/4" Male x 8mm duotight
- 1 x 1/4" Male x Push in Barb for Nukatap Spout
- 2 x 1/4" Male x 6.35mm duotight
- 1 x Red Gas Male Ball Lock Post
- 1 x Yellow Liquid Male Ball Lock Post

Assembly

The NukaTap Counter Pressure Bottle Filler comes as standard with a number of different duotight fittings and a push in spout allowing you to choose how the bottle filler is configured for your specific use.

Liquid/Beer Inlet Configuration

There are multiple ways that Beer/Liquid inlet can be configured on your NukaTap counter pressure bottle filler to suit your specific setup, these include:

Connecting Directly to a NukaTap

1. Screw the ¼" Male x Push in Barb for NukaTap Spout into the beer/liquid inlet of the NukaTap counter pressure bottle filler.
2. Push the barb into the NukaTap Spout to form a seal.



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Connecting to a NukaTap with 8mm OD EVABarrier Hose

If using a Series X kegerator example your bottle may be too large to fit under the tap and hence you may need to run a short 50cm length of EVABarrier hose between the NukaTap and the NukaTap counter pressure bottle filler.

1. Screw the ¼" Male x 8mm duotight fitting into the beer/liquid inlet of the NukaTap counter pressure bottle filler.
2. Unscrew the spout from the NukaTap on your kegerator
3. Screw the 3/8" Male x 8mm duotight into the NukaTap
 4. Push the 50cm 5mm x 8mm EVABarrier Hose firmly into the duotight fitting on the NukaTap and on the NukaTap counter pressure bottle filler.

Ensure the EVABarrier hose is pushed in far enough to seal on the two internal o-rings of the duotight fittings. To determine whether the hose is secure, gently pull back on the hose. If the hose is easily removed then push it back into the fitting until seated.



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The NukaTap counter pressure bottle filler can also be used to bottle directly from a pressurised FermZilla or keg.

Connecting to a Keg or Fermzilla with 8mm OD EVABarrier Hose

1. Screw the ¼" Male x 8mm duotight fitting into the beer/liquid inlet of the NukaTap counter pressure bottle filler.

2. Push EVABarrier hosing from your keg into the 8mm duotight fitting on beer/liquid inlet of the counter pressure bottle filler.



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Connecting to a Keg or Fermzilla via quick disconnects with 8mm OD EVABarrier Hose

1. Screw the ¼" Male x 6.35mm duotight fitting into the beer/liquid inlet of the NukaTap counter pressure bottle filler.
2. Firmly push the barb of the yellow liquid male ball lock post into the duotight fitting on the beer/liquid inlet of the counter pressure bottle filler.
3. Use EVABarrier hosing and two liquid ball lock disconnects to transfer beer from the FermZilla or keg to the NukaTap Counter Pressure Bottle Filler.



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CO2/Gas Inlet Configuration

There are two main ways that you can configure your gas inlet into the NukaTap Counter Pressure Bottle Filler.

Connecting to a regulator via a duotight fitting and EVABarrier Hosing

1. Screw the ¼" Male x 8mm duotight fitting into the Gas Inlet of the NukaTap Counter Pressure Bottle Filler
2. Push your EVABarrier gas hosing firmly into the duotight fitting on the gas inlet.



Connecting to a regulator via a quick disconnect and EVABarrier Hosing

This method allows for your NukaTap Counter Pressure Bottle Filler to be quickly connected and disconnected from your keging system without having to disassemble your gas connections.

1. Screw the ¼" Male x 6.35mm duotight fitting into the Gas Inlet of the NukaTap Counter Pressure Bottle Filler
 - Firmly push the barb of the red gas male ball lock post into the duotight fitting on the Gas inlet of the counter pressure bottle filler.
- 2.
3. Use a grey ball lock disconnect to connect EVABarrier gas hosing from your regulator to the red gas male ball lock post.
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Performing a Leak Test

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

Bottling Procedure

Bottling from a NukaTap

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.

The colder the beer the less foaming you will get in the bottle and hence the faster you will be able to transfer.

Step 2. Connect your counter pressure bottle filler up to your regulator and your NukaTap.

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

Step 4. Pull out the telescopic bottling wand to its full length and then insert the bottling wand into the bottle. The telescopic arm will retract as you move the bottle towards the bung which ensures the bottling wand reaches the bottom of the bottle.

Step 5. Keep the bottle slightly ajar from the bung and then with your regulator set to about 10psi press and hold the purge button for a few seconds to purge out any oxygen in the bottle.



Press and hold the purge button for a few seconds with the bottle ajar from the stopper

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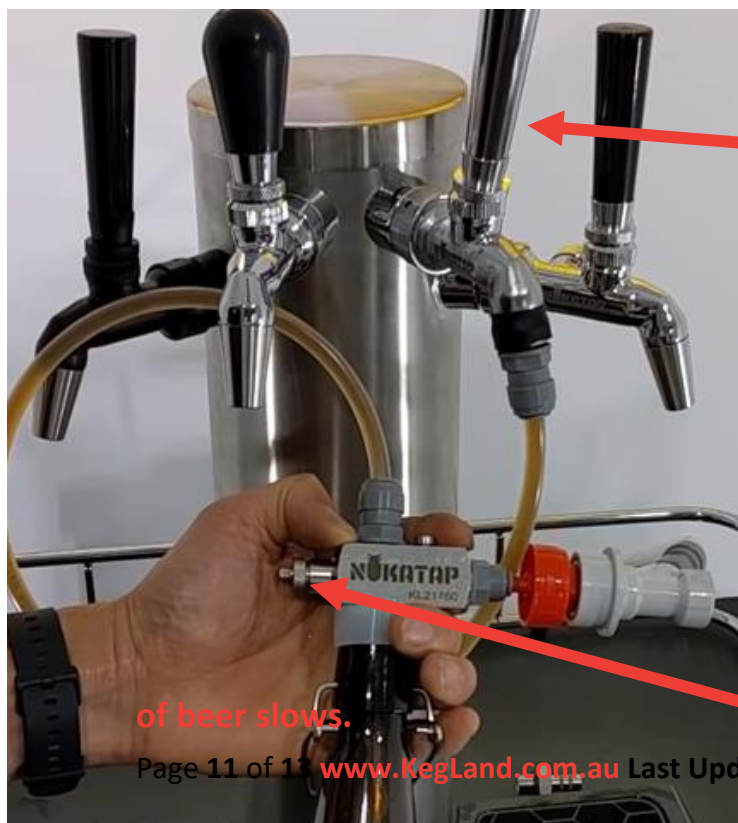
Step 6. Secure the bottle against the silicone bung to form a seal.

Step 7. Press the purge button again to fill the headspace of the bottle with 10psi. This will create counter pressure within the bottle and balance out the pressure in the keg to reduce foaming.



Secure the bottle against the stopper and purge the headspace for a few seconds

Step 8. Open the tap which will allow beer to begin flowing into the bottle. If the transfer of liquid into the bottle slows to a halt slowly rotate the large knurled bleed valve counter clockwise to allow some gas to escape. This will allow liquid to begin flowing into the bottle again.



Open the tap to begin the transfer of beer

of beer slows.

Open the large knurled bleed valve to allow some gas to escape when the flow

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Step 9. Once the bottle is full, close the NukaTap. Then pull on the smaller knurled bleed valve to release any pressure in the headspace of the bottle. Then remove the bottle from the bung and cap it immediately



Once the bottle is full. Close the tap

Pull on the smaller knurled bleed valve to release pressure in the

Bottling from a FermZilla or Keg

The procedure for bottling from a FermZilla or keg is the same as bottling from a NukaTap, however, you want to keep the NukaTap counter pressure bottle filler disconnected from your FermZilla or keg until step 8.

Once at step 8 the liquid ball lock disconnect for the beer inlet can be pushed onto the FermZilla, keg to begin the flow of beer.

Once the bottle is full disconnect the beer supply by removing the ball lock disconnect from the FermZilla or keg.

Cleaning and Sanitising the NukaTap Counter Pressure Bottle Filler

The best way to clean and sanitise your NukaTap counter pressure bottle filler is to run Stellarclean 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 NukaTap counter pressure bottle filler without gas.

