
How to manually fill a KeyKeg

User manual



Getting started with KeyKeg is easy. Filling your KeyKegs correctly will make sure your beverages reach local and international consumers as fresh as possible and in the best condition. Double Wall™ Technology makes KeyKeg strong, sturdy and damage resistant. This feature is also durable enough to withstand high internal KeyKeg pressure, ideal for highly carbonated beverages. These easy-to-follow instructions on filling will help you and your staff get the most from our lightweight, sustainable Kegs.

BEFORE STARTING:

CHECK WHICH TOOLS YOU NEED TO FILL YOUR KEYKEG

Before you can start filling your KeyKeg, you need to make sure you have the right tools at hand. These are all available at our webshop, via www.keykegshop.eu.

You will need the following accessories:

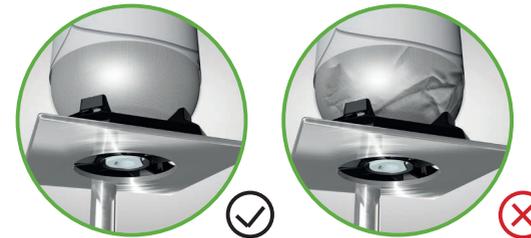
- KeyKeg filling head with manometer and ball valve
- KeyKeg dispensing head
- Beverage hose
- Filling stand
- Snap-cap
- Carbonated beverage calculator
- Deflating tool
- Beverage pump

A filling pressure of at least 2.0 bar (29 PSI) is advised when filling a KeyKeg. Filling a KeyKeg with a pressure lower than 2.0 bar may lead to a fill level under the nominal volume of the Keg and entrapped air between the bag and container. This can potentially lead to damage of the beverage bag.



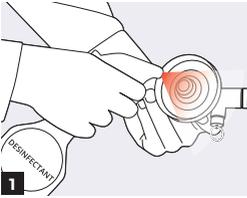
SAFETY FIRST: READ THE IMPORTANT SAFETY PRECAUTIONS

- Do not spill any disinfectant / cleaning agents (such as, but not limited to: alcohols, alkaline solutions, caustic hydroxides) on the PET of the KeyKeg because it can cause chemical embrittlement and risk to burst.
- You can consider an additional CO₂/N₂ flush of the beverage bag before filling, to minimize oxygen pick-up.
- You need to turn the KeyKeg upside down before filling it to help the beverage bag unfold correctly. If the KeyKeg is filled in the upright position, the bag could rupture. Upside down filling is easier than it sounds with the KeyKeg filling stand.
- After filling, check if the beverage bag of the KeyKeg is completely pressed to the container wall. No unfilled spaces should be visible between the bag and the container wall, in order to prevent possible damage to the bag during handling.

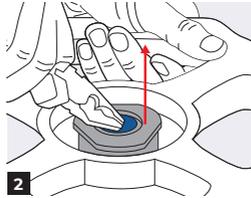


- In case of carbonated beverage: determine the CO₂ equilibrium pressure using the calculator. For most carbonated beverages, a counter pressure of 1 bar (14.5 PSI) is sufficient.

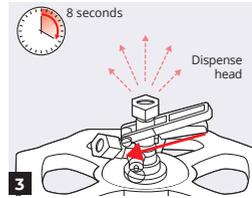
START FILLING: FOLLOW THESE MANUAL FILLING INSTRUCTIONS TO FILL YOUR KEYKEG



1 Sanitize dispensing head with disinfectant.



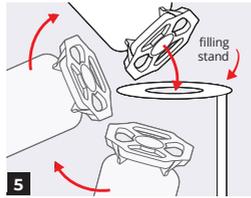
2 Remove the dust cap and discard.



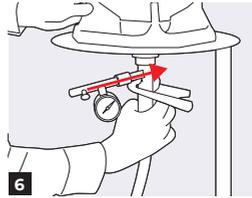
3 Vent KeyKeg bag for 8 seconds with a KeyKeg dispensing head.



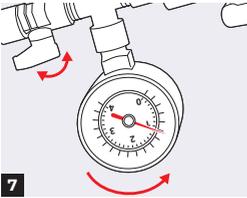
4 Sanitize KeyKeg filling head with disinfectant and fill line with beverage until top.



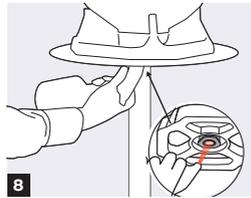
5 Place the KeyKeg upside down on the filling stand. Then spray the fitting with disinfectant.



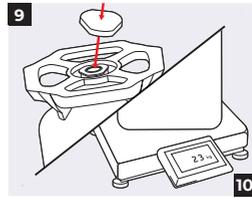
6 Connect the KeyKeg filling head and open the beverage valve.



7 Keep counter pressure to a level well over the equilibrium pressure of the beverage and open gas valve gradually. When pressure is '0' leave the beverage valve open for an extra 3 seconds.



8 Sanitize inside valve with disinfectant and clean with warm water after filling, when still upside down.



9 Place KeyKeg right-side-up. Weigh the KeyKeg and seal with a snap cap.

THE WEIGHT OF THE EMPTY KEYKEG

KeyKeg 10 L

~1.0 kg - 2.20 lbs (US)

KeyKeg 20 L

~0.96 kg - 2.23 lbs (US)

KeyKeg 30 L

~1.39 kg - 3.22 lbs (US)

MORE INFORMATION



Scan the qr-code for manual filling instruction video