

petainer One-way keg Quick Guide

Capacity	20L	30L
Manual, semi-automatic, and automatic filling:	✓	✓
Maximum operating pressure	3.1 bar, 45 psig	3.1 bar, 45 psig
Light and UV protection	✓	✓
CO2 Barrier (ingress after 9 months)	<15% CO2 loss	<15% CO2 loss
O2 Barrier (ingress after 12 months)	<200 ppb intake	<200 ppb intake
Once opened the keg lasts:	2-4 weeks (Ambient condition) >4 weeks (Cold cellar)	



No solvents



Food save



Store inside



Store upright



Do not pierce



No rough handling



Do not exceed 3.1 bar



Depressurise before recycling

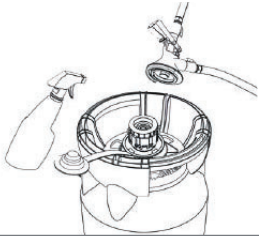


High temp. can affect shelf life



Stored at room temperature

Cleaning a Keg



What needs to be sanitized:

Before filling or dispensing, sanitize all of the connecting accessories such as valves, piping, seals, and couplers.

- 1.- Clean and spray the fitting & external part of the valve with an ethanol-based disinfectant.
- 2.- Observe disinfectant exposure times.



Disinfectant to use:
70% Ethanol *

*Acidic disinfectants can damage the fitting
70% Isopropyl Alcohol (IPA) also appropriate

Filling a Keg

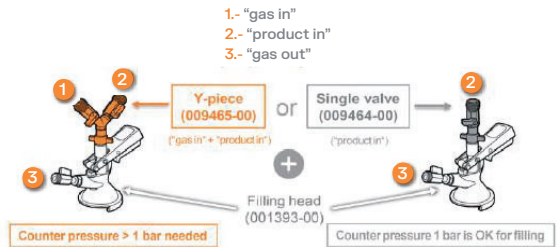
Important: Kegs may be damaged throughout the supply chain; therefore, Petainer advises that all kegs be determined to be pressurized before filling to ensure beverage integrity.

Connect the keg:

- Push the filling head into the fitting.
- Hold the fitting with one hand, and twist the filling head clockwise and push down the handle.
- Kegs come pre-purged with N2.

Manual Filling:

- The "gas in" valve (1) must be closed.
- Open the "product in" valve (2) slowly so the product flows into the keg.
- Control filling speed and foaming by opening the "gas out" valve (3).
- Once the keg is full, close the "gas out" valve (3) and the "product in" valve (2), then lift up the handle.
- Turn the filling head counterclockwise (S,D,G)/slide the head off (A) and remove it.
- Notes: Filling pressure should not exceed 3.1 bar / 45 psi. For accurate filling, do it on a scale. It is recommended to leave a headspace at the top of the keg.



Semi & Automatic filling:

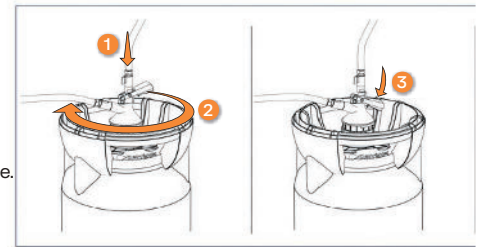
Petainer kegs can be filled on many suitably modified steel keg fillers. Please contact the filling machine supplier for advice, format parts, and program modifications, and request the full manual from your Petainer representative for detailed considerations.

Tapping a Keg

To begin:

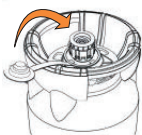
Remove the snap cap and ensure that the dispense head, keg fitting, and pipes have been cleaned and sterilized.

- 1.- Push the filling head into the fitting.
- 2.- Hold the fitting with one hand, and twist the filling head clockwise while pushing down the handle.
Too much force can damage the fitting.
- 3.- Push down the dispense head handle, and the keg is ready.



Disposing a Keg

- 1.- Depressurize the keg by using the pressure release tool on the neck of the keg.

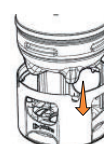
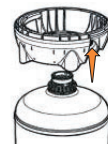


- 2.- Remove the locking clips by pushing down the tab on the top chime and sliding the clip off over the depressed tab.



Steps 2 & 3 apply only to hybrid kegs.

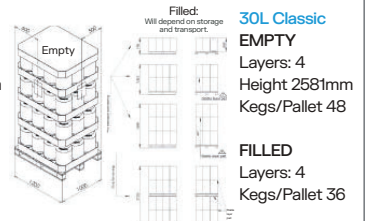
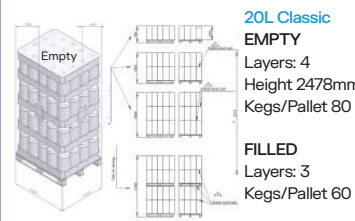
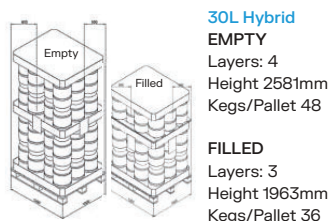
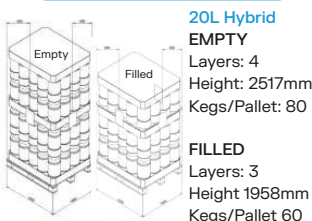
- 3.- When the clips are removed, lift the top chime from the keg. Then, place your feet in the grooves in the bottom chime and push the keg away.



- 4.- Collect all parts of the keg for disposal.



Palletization



For more information, request the detailed Petainer keg user manual from your representative, or access resources online at: <https://www.petainer.com/pet-plastic-kegs/resources>