

The Flex Chamber



IMPORTANT!

The Flex Chamber is designed only for use with a BrewBuilt X Series conical. Please read this entire instruction manual for important safety information prior to the use of your Flex Chamber. Please also read the X Series instruction manual that came with your fermenter and review all warnings before use.

Failure to follow these warnings could result in serious injury or death.

WARNING

The Flex Chamber does not have a Pressure Relief Valve and must remain open to the Fermenter so CO₂ can be released. Always keep the bottom butterfly valve open while the Flex Chamber is installed. Close valve only before removing.

PREPARING YOUR FLEX CHAMBER FOR USE EACH TIME

1. Soak or spray the Flex Chamber and all parts — caps, gaskets, clamps, etc. — with sanitizer prior to assembling and attaching it to your conical dump port.
2. Assemble your Flex Chamber by attaching the lid and threading the caps onto the threaded ports on each side.
3. Spray sanitizer into the closed butterfly valve on your conical dump port as well as the top of the Flex Chamber and its TC gasket. Fasten the Flex Chamber to the butterfly valve with a 2" TC clamp.

TIP: *If you are connecting the Flex Chamber to a full X Series conical, it's important to understand some basic displacement concepts. The empty Flex Chamber is filled with gas (oxygen) that will be sent up through your beer. If this happens post fermentation it could negatively impact the beer's flavor. See below to learn how to use your Flex Chamber side ports to flush with CO₂.*

COLLECTING AND DUMPING TRUB WITH FLEX CHAMBER

The ability to remove trub and hop sediment is one of the key advantages of a conical fermenter. With the butterfly valve open and the Flex Chamber

attached, trub separates directly into the Flex Chamber, which can then be easily removed. Follow the process outlined on the next page.

1. If you are using the conical with the Pressure Pack lid, make sure the entire conical system has been depressurized and that the bottom butterfly valve is in the open position. Removing the pressure from the conical can be done by loosening the cap on the pressure relief valve, using a separate spunding valve, or using a gas-in quick disconnect on the gas-in post on the Pressure Pack lid.
2. When you are sure the system has been depressurized close the butterfly valve at the bottom of the conical.
3. Place a bowl, pan, or small bucket below the Flex Chamber to collect drips and un-clamp the Flex Chamber from the butterfly valve.

FLUSHING THE FLEX CHAMBER WITH CO₂

An optional step is to flush your Flex Chamber with CO₂ prior to attaching it. This will help eliminate oxygen from the Flex Chamber. You can easily do this by attaching a ball lock adapter (Part# KG500) to one of the threaded side ports. Here's how to effectively flush the Flex Chamber with CO₂.

1. Soak or spray the Flex Chamber and all parts — caps, gaskets, clamps, etc. — with sanitizer prior to assembling and attaching it to your conical dump port.
2. Attach the Flex Chamber to the bottom of the butterfly valve, keeping the butterfly valve closed. Remove one black side cap and install the KG500 ball lock adapter. Slightly loosen the other black cap on the opposite side of the Flex Chamber so that CO₂ can escape while flushing.
3. Set the regulator on your CO₂ tank to its lowest possible setting i.e. 1–2 psi and connect your Ball Lock Gas QD to the KG500 ball lock adapter.
4. Allow gas to flow out of the Flex Chamber for a few seconds to ensure all the oxygen has been flushed. Tighten the black cap. You can replace the KG500 with the black cap or leave it in place for fermentation.

