

Yeast Harvester



Assembly, Operation, & Maintenance

Congratulations on your purchase and thank you for selecting the Yeast Harvester from Blichmann Engineering™. We are confident that it will provide you years of service and many gallons of outstanding beer. This manual will familiarize you with the use, assembly, and the sanitation procedures for the product.



IMPORTANT INFORMATION

PLEASE READ AND THOROUGHLY UNDERSTAND THIS MANUAL PRIOR TO USE FOR IMPORTANT SAFETY INFORMATION!

WARNING: Sections labeled “Warning” can lead to serious injury or death if not followed. Please thoroughly read these sections and understand them completely before use. If you do not understand them or have any questions, contact your retailer or Blichmann Engineering (www.BlichmannEngineering.com) before use.

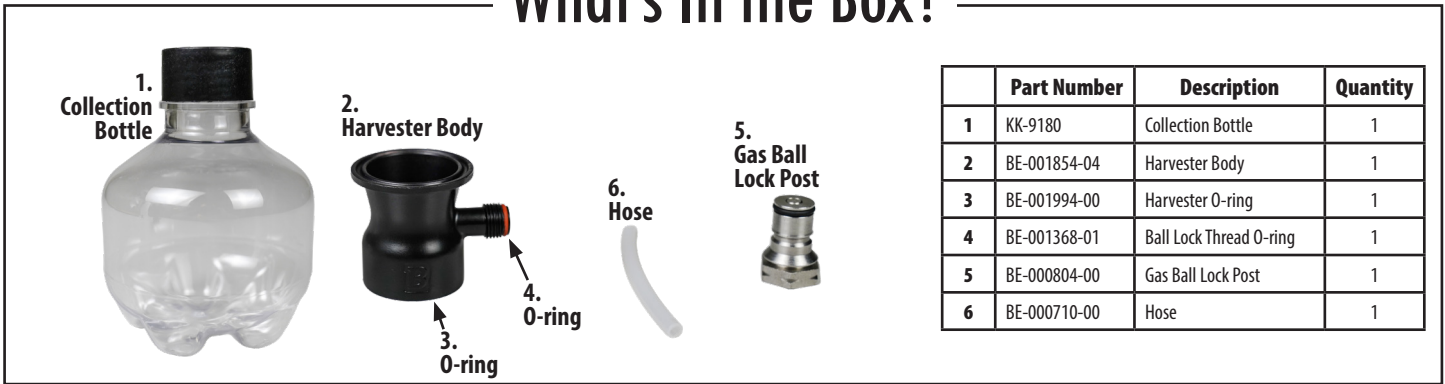
CAUTION: Sections labeled “Caution” can lead to equipment damage or unsatisfactory performance of the equipment. Please read these sections thoroughly. If you have any questions, contact your retailer or Blichmann Engineering (www.BlichmannEngineering.com) before use.

IMPORTANT: Sections labeled “Important” should specifically be followed to ensure satisfactory results with the product.

Brewing has inherent hazards and requires care, focus, and a mindset of safety and precaution. Hot liquids, steam, flame, electricity, heavy lifting, slippery surfaces, cuts, and harsh chemicals to name a few.

- Always thoroughly read and understand all product manuals before using the product.
- Always keep children and pets safely away from the brewing area.
- Always wear protective clothing, safety glasses/goggles, shoes, and burn/chemical resistant gloves.
- Always use GFCI protected circuits for ALL electrical equipment.
- Always keep flame away from flammable surfaces.
- Always brew on hard surfaces such as concrete.
- Always disconnect electrical equipment from power and propane tanks after each use.
- Never lift hot and/or heavy liquids.
- Never use drugs or alcohol while brewing.
- Never leave the brewing area unattended.

What's In the Box?



Warning: Close the bottom dump valve, unscrew the bottle to relieve pressure, and remove the bottle before removing the Yeast Harvester body and clamp. Point the bottle away from yourself and others while removing the cap. Remove the cap slowly. Do not exceed 35 psi (2.4 Bar). Failure to follow these warnings could result in serious injury.

Warning: Do not over-tighten the gas keg post.

Caution: Do not use the Yeast Harvester with fluids at temperatures over 100°F.

Cleaning

Before the first use and after each use, disassemble the Yeast Harvester and wash it with Powdered Brewery Wash (PBW) or a similar product. Sanitize with Star San or a similar product. Do not exceed 100°F and use only for the time recommended by the chemical manufacturer.

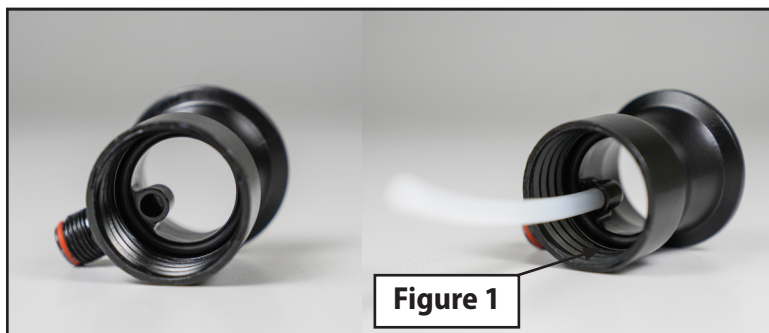
Recommended Usage

The Yeast Harvester can be installed at the beginning of fermentation with the bottom dump valve left open. This will allow trub, protein, and early flocculating yeast to collect. You may discard this collection after 5-6 days of fermentation. The best yeast to collect is over the next 3-4 days after the first dump. Store the collected yeast in the the bottle with an airlock and a #7 stopper until fermentation is complete. The cap may be used on the bottle to store yeast that has completed fermentation.

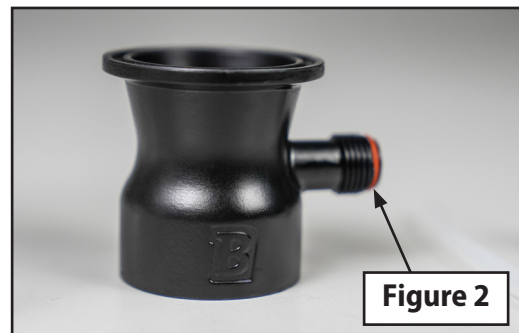
Fermentor Configuration and Requirements

A 1.5" triclamp valve is required to connect the Yeast Harvester to a fermentor. For best results, configure the valve in the vertical position. The Yeast Harvester requires a minimum of 7.5" (191mm) of space below the fermentor's bottom dump valve to operate. Fermentor leg extensions are required to elevate the Fermentor™ G4 and ANVIL Crucible™ for use with the Yeast Harvester.

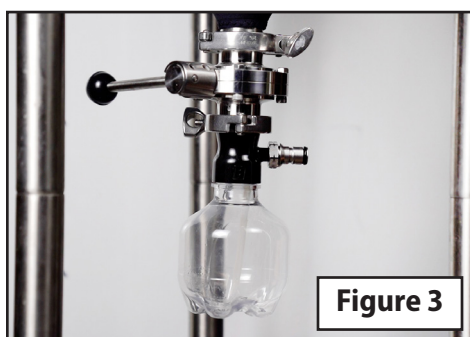
Operation:



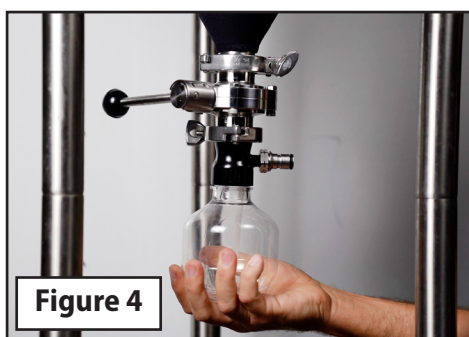
Install the tube into the bottom of the yeast harvester body. This will direct the CO₂ to the bottom of the bottle, ensuring that the oxygen is completely purged from the bottle.



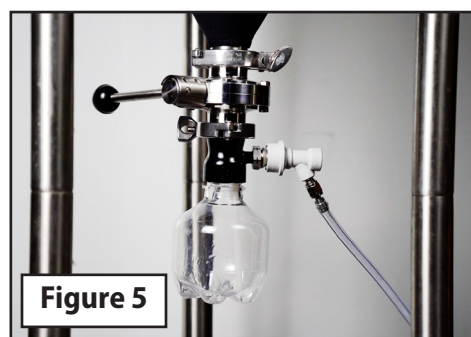
Ensure the o-ring is seated on the ball lock post shown in figure 2.



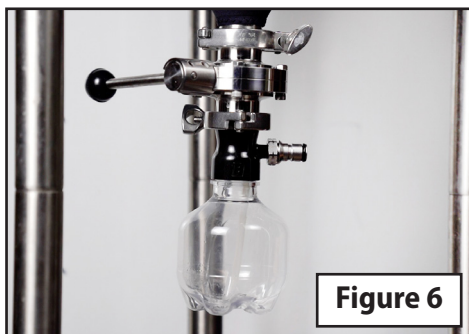
Install the Yeast Harvester as shown in figure 3 with a 1.5" tri-clamp and gasket.



Slowly loosen the collection bottle to allow CO₂ to release out of the top.



Attach the gas ball lock and introduce CO₂ into the collection bottle. Five seconds of purging at 10psi is sufficient.



Tighten the collection bottle to the harvester body and remove the gas ball lock.



Slowly open the valve to allow the yeast into the bottle. After the yeast has been harvested, close the valve and slowly unscrew the bottle to gently relieve pressure.

TIP: If sediment is preventing the yeast from flowing into the bottle, unscrew the bottle one quarter-turn to allow gas to escape and the yeast to collect into the bottle.

Blichmann Engineering Product Warranty

A. Limited Warranty

1. Blichmann Engineering warrants to the original purchaser that this product will be free from manufacturing defects in material and workmanship for a period of one (1) year from the date of purchase by the customer. Proof of purchase is required. Blichmann Engineering's obligation to repair or replace defective materials or workmanship is the sole obligation of Blichmann Engineering under this limited warranty.
2. This product is for home use only. The limited warranty covers only those defects that arise as a result of normal use of the product and does not cover any other problems, including, but not limited to, those that arise as a result of:
 - a. Improper maintenance or modification;
 - b. Damage due to incorrect voltage or improper wiring by customer;
 - c. Operation outside of the product's specifications;
 - d. Carelessness or neglect to operate the product in accordance with instructions provided with the product;
 - e. Damaging the tamper label on the product;
 - f. Damage by over-tightening the fasteners;
 - g. Failure to follow cleaning and / or maintenance procedures; or
 - h. Exceeding published operational temperatures.
3. Blichmann Engineering reserves the right to request delivery of the defective component for inspection before processing the warranty claim. If Blichmann Engineering receives, during the applicable warranty period, notice of a defect in any component that is covered by the warranty, Blichmann Engineering shall either repair or replace the defective component with a new or rebuilt component at Blichmann Engineering's option.
4. Blichmann Engineering must be notified within seven (7) days of the delivery date of any shipping damage. Customer is responsible for shipping damage outside of this time period. Approval for return must be provided by Blichmann Engineering prior to any return. Customer is responsible for keeping all original packaging material for warranty returns. Blichmann Engineering is not responsible for damage from improperly packaged warranty returns, and these repair costs will be the sole responsibility of the customer. Shipping costs for warrantee returns are covered only for the contiguous United States.
5. Blichmann Engineering's limited warranty is valid in any country where the product is distributed.

B. Limitations of Warranty

1. Any implied warranty that is found to arise by way of state or federal law, including any implied warranty of merchantability or any implied warranty of fitness, is limited in duration to the terms of this limited warranty and is limited in scope of coverage to this warranty. Blichmann Engineering disclaims any express or implied warranty, including any implied warranty of fitness for a particular purpose or merchantability, on items excluded from coverage as set forth in this limited warranty.
2. Blichmann Engineering makes no warranty of any nature beyond that contained in this limited warranty. No one has authority to enlarge, amend, or modify this limited warranty, and Blichmann Engineering does not authorize anyone to create any other obligation for it regarding this product.
3. Blichmann Engineering is not responsible for any representation, promise, or warranty made by any independent dealer or other person beyond what is expressly stated in this limited warranty. Any selling or servicing dealer is not Blichmann Engineering's agent, but an independent entity.

C. Limitations of Liability

1. The remedies provided in this warranty are the customer's sole and exclusive remedies.
2. Except for the obligations specifically set forth in this warranty, in no event shall Blichmann Engineering be liable for direct, indirect, special, incidental, or consequential damages, whether based on contract, tort, or any other legal theory and whether or not advised of the possibility of such damages.
3. This warranty does not cover, and in no event shall Blichmann Engineering be liable for, travel, lodging, or any other expense incurred due to manufacturing defects in material and workmanship, or any other reason.
4. Any performance of repairs after the warranty coverage period has expired or performance of repairs regarding anything excluded from coverage after this limited warranty shall be considered good-will repairs and they will not alter the terms of this limited warranty, or extend any warranty coverage period.
5. Venue for any legal proceedings relating to or arising out of this warranty shall be in Tippecanoe County, Indiana, United States, which courts will have exclusive jurisdiction.

D. Local Law

1. This warranty gives the customer specific legal rights. The customer may also have other rights that vary from state to state in the United States or other countries.
2. To the extent that this warranty is inconsistent with local law, it shall be deemed modified, only to the extent necessary to be consistent with such local law.

This product uses food grade materials anywhere the product touches the beverage.

Warning: This product contains or may contain chemical(s) known to the State of California to cause cancer, birth defects, or other reproductive harm.