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Ss brewtech 2020 Keg WaSsher Engineering Better Beer User Guide

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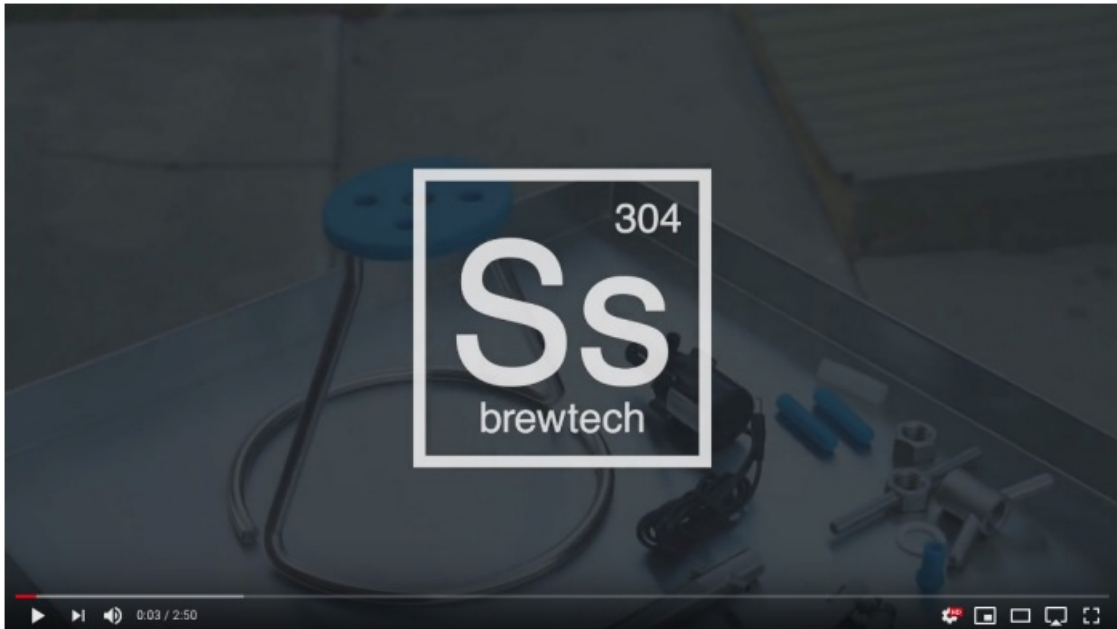**Ss brewtech 2020 Keg WaSsher Engineering Better Beer**

IN THE BOX

- Base Plate and Leg Assembly
- Threaded Manifold
- CIP Spray Ball
- Clamp Nut
- Locknut
- Handle Locknut
- PTFE Washer
- Silicone Baseplate Seal
- (2) Silicone Clamp Nut Sleeves
- Silicone Pump Compression Seal

NOT INCLUDED

- (3) 5 Gallon Buckets
- Powdered Brewery Wash (PBW)
- Saniclean Sanitizer

ASSEMBLY VIDEO

SETUP

Begin by locating the baseplate and leg assembly along with the Silicone Baseplate Seal. Work the seal's flanged surfaces into each of the 4 drain holes and center manifold hole first, and then run the seal over the outer edges of the baseplate to secure it in place. Install the 3" section of 3/8" Silicone tubing into one of the four drain holes. This will prevent the keg from air locking and maintain sufficient drainage.

Next, locate the threaded manifold, the CIP ball will be pre-installed. Use a wrench to tighten the CIP ball to the manifold, take care not to overtighten, a snug fit will do. No thread tape is required.

Install the Handle Locknut onto the manifold so that the handle's angle is pointing toward the barbs located at the base of the manifold, as shown. Thread the Handle Locknut all the way down to the base of the manifold. Next, slide the PTFE washer so that it rests on the Handle Locknut. Momentarily set the manifold aside.

Locate the Clamp Nut, (2) Silicone Clamp Nut Sleeves, and the Locknut. Install the Silicone Sleeves on to each end of the Clamp Nut, insuring a snug fit.
Next, insert the manifold assembly into the underside of the baseplate assembly. Holding it in place, thread the Clamp Nut assembly onto the manifold first, followed by the locknut.

Next Locate the Gas Ball Lock Quick Disconnect Fitting and the Liquid Ball Lock Quick Disconnect Fitting, along with the (4) hose clamps, and (2) Sections of ¼" Silicone Tubing. Slip the 2 hose clamps onto each section of tubing, and then install the tubing onto the barbs of the Manifold and Ball Lock QD fittings. Secure the hose clamps in place.

Lastly, locate the Silicone Pump Compression Seal and insert it into the underside of the manifold. Be sure to work the entire seal into the manifold, as shown. Then insert the outlet side of the pump into the compression seal, ensuring a snug fit. Install the Silicone Pump Intake Cover onto the intake side of the pump.

The Keg WaSsher is now fully assembled and ready for use.

OPERATION

To operate the Keg WaSsher, we recommend using (3) 5 Gallon Buckets, PBW and Saniclean. A larger bucket can be used, but to minimize the volume of cleaner needed to operate the unit, a 5-gallon bucket size is recommended.

Begin by installing the Keg WaSsher onto a dirty keg. Set the dirty keg on a flat surface, depressurize, and then remove the lid. Remember to always vent and depressurize the keg before installing the Keg WaSsher.

Next, pick up the Keg WaSsher assembly, turn it upside down and insert the CIP ball into the keg's lid opening first. Take care to align the Clamp Nut with the widest part of the keg's lid opening. Once the CIP ball is inserted, tilt the Keg WaSsher so that one of the Clamp Nut's locking bars fits into the keg's lid opening. Next, angle the second locking bar into the keg.

Finally, turn the locking bar so that it interlocks with the inside of the keg, taking care to not put any pressure on the gas or liquid dip tubes inside the keg. Then alight the keg's eccentric lid opening with the baseplate, and begin to tighten the handle locknut until the entire assembly is secure and snugged down.

Once the Keg WaSsher is firmly installed on a keg, place the (3) 5-gallon buckets in a row. Using a ruler or tape measure, measure the distance between the base of the Keg WaSsher's legs to the bottom of the Handle Locknut, as shown. This will be the recommended cleaner volume for proper operation.

Using that measurement, you can mark the inside of the 5-gallon buckets accordingly for future use. Fill the first bucket with Powdered Brewery Wash, mixed to the manufacturers recommendations. Take care to insure both proper concentration and temperature of the solution for effective cleaning. Recommended chemical blend solutions should be between 145° – 155° and should never exceed temperatures of 160°.

Fill the second bucket with warm, clean, fresh water.
Fill the Third bucket with Saniclean, mixed to the manufacturers recommendation. Double check to ensure that each bucket is filled with the correct volume.

IMPORTANT: DO NOT use a foaming sanitizer such as Star San with the Keg WaSsher. The CIP spray ball will create an abundance of foam, the foam can inhibit proper draining, resulting in pump failure.

Begin the cleaning cycle by inserting the Keg WaSsher into the PBW. Then plug the 24VDC Power Supply into a GFCI outlet. Next, connect the power supply to the pump using the silicone power supply connector seal, as shown. Lastly, switch the pump on using the power supply's inline On/Off switch.

Cleaning will start immediately. We recommend that based on soil level, that the PBW cycle last from 5-20 mins. Once the cleaning cycle is complete. Use the inline On/Off switch to shut the pump off before removing it from the cleaning solution. Then transfer the entire assembly to the next bucket containing warm, fresh water. Reactivate the pump, which will thoroughly rinse the PBW out of the keg.

We recommend that the keg be rinsed for 3-5 mins. Once the rinse cycle is complete. Use the inline On/Off switch to shut the pump off before removing it from the fresh water. Then transfer the entire assembly to the next bucket containing Saniclean sanitizer. Reactivate the pump, which will thoroughly sanitize the keg.

We recommend that the keg be sanitized for 3-5 mins. Once the keg is cleaned and sanitized it is ready for immediate use. For longer term storage, we recommend air drying, and then storing under 5-10 PSI of CO_2 pressure.

USE THE FOLLOWING WITH CAUTION

Stainless steel scrubbing pads or Scotch-Brite pads. If used too aggressively, abrasive pads can damage the surface and/or finish of the stainless.
Oxalic Acid cleaners such as Bar Keeper's Friend, Kleen King, or Revere Ware Stainless cleaners on the etched volume markings or etched logo. They may cause the markings to fade.

NEVER USE THE FOLLOWING

Chlorine bleach or chlorine based products. Chlorine can cause pitting of stainless steel, or pin holes through the surface which cannot be repaired.

OxiClean or other peroxide cleaners in combination with hard water. These can cause calcium carbonate to precipitate onto the surface. If this happens re-passivate your vessel.

WARNING

- It is important to always use proper Personal Protective Equipment (PPE) for all person(s) nearby, handling or using cleaning and sanitation chemicals. This includes but is not limited to protective eyewear, face shield, protective gloves, aprons, or footwear. Never use a chemical in a manner other than as directed by the manufacturer.
- Never run the pump dry. Doing so will cause irreparable damage to the internal components, and void all warranties.
- Only use the Keg WaSsher with the recommended cleaning and sanitizing products contained within this quick start guide.
- Always use a GFCI outlet for the 24V DC power supply, and avoid any liquid contact with the power supply's electrical components.

QUESTIONS / SUPPORT

If you have any further questions about your product, go to our website and take a look at our extensive knowledge base in the Support section. Over the years it has become a treasure trove of information. If after searching our FAQs and you still can't find an answer to your specific question, please submit a ticket to our support team.

SsBrewtech.com

Documents / Resources

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2020 Keg WaSsher Engineering Better Beer, 2020 Keg WaSsher, Engineering Better Beer, Better Beer

References

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