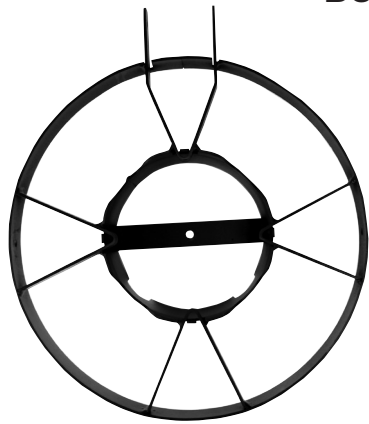




A revolutionary, pro-quality brew sculpture in a powerful, compact package—at a compact price. The Center of Gravity™ is built to brew right out of the box. Virtually tool-free setup. A tiny total footprint of just one square meter. Quick, compact storage. Center of Gravity™ is the first all-in-one brew sculpture that you can set up in 15 minutes and break down to fit in a hockey bag.

INVENTORY

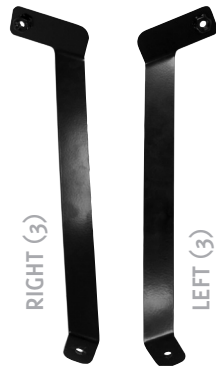
BURNERS



BURNER FRAME (3)



BURNERS (3)



FRAME SUPPORTS (6)

SMALL PARTS



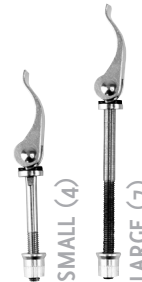
ADJUSTABLE FEET (4)



HEX-HEAD SCREWS (6)



ALLEN WRENCH



QUICK CLAMPS



VELCRO STRAPS (10)



NEEDLE VALVES (3)

PROPANE LINES



3-WAY PROPANE MANIFOLD



PROPANE LINES (3)

BASE



LEGS (2)



BASE



POSTS (3)

ADDITIONAL EQUIPMENT REQUIRED: Crescent Wrench

TECHNICAL DETAILS

| | | | |
|-------------------------|--------------------|-----------------------------|-----------------------------------------|
| Product | Center of Gravity™ | Maximum Batch Size | 10 Gallons |
| Burner Output | 54,000 BTUs | Load Capacity (One Burner) | 125 lbs. |
| Weight | 90 lbs. | Load Capacity (Full System) | 300 lbs. |
| Footprint | 38" x 38" | Maximum Kettle Diameter | 16.5" |
| Height of Bottom Burner | 26.5" | Maximum Kettle Height | 19" |
| Height of Middle Burner | 44.75" | Base Material | Powder-Coated Steel |
| Height of Top Burner | 63" | Burner Frame Material | High-Temp-Industrial-Paint-Coated Steel |
| Full Height | 63.5" | Burner Material | Cast Iron |
| Packs into Hockey Bag | 35"L x 17"W x 18"H | Propane Line Material | Rubber with Brass Connections |



WARNING

READ AND UNDERSTAND BEFORE USING THIS PRODUCT

- Do not leave this system unattended while any burner is lit or while heating.
- Monitor the system when hot and after use (temperatures above 100°F/38°C). Heated liquid and equipment can remain at scalding temperatures long after the boil has ended and burners have been shut off.
- Do not exceed 125 lbs. per burner assembly or 300 lbs. for the full system.
- Do not use this system for heating oil or grease.
- Keep children, pets and unauthorized persons away from the Center of Gravity™ at all times.
- Always operate the system on a level, stable, noncombustible surface such as brick or concrete. Surfaces not suitable for use include wood, asphalt or plastic which may burn, blister or melt.
- This system is for outdoor use only. Do not use in a building, garage, tent or any other enclosed area. Do not use in or on a recreational vehicle or boat.
- Do not locate this system under any overhead construction. Keep a minimum clearance of 10 ft. (3.05m) from the sides, front and back of the burner to any construction. Keep the area clear of any combustible material. Do not use on or under any apartment or condo balcony or deck.
- Do not allow the flame to roll past the bottom of the brew kettle.
- Do not install casters or wheels on the Center of Gravity™.
- Never lift or move a full kettle of water onto or off of the Center of Gravity™.
- Only use the propane tank valve as the gas shutoff. Do not use the regulator or needle valves.
- A 20-pound (9 kg) propane cylinder should be used with this burner. The LP-gas supply cylinder used must have a protective collar and must be constructed and marked in accordance with the specifications for LP-gas cylinders of the U.S. Department of Transportation (DOT), cylinders, spheres and tubes for the transportation of Dangerous Goods. Do not store a spare LP-gas cylinder indoors, or under or near the Center of Gravity™. Never fill the cylinder beyond 80% full. For proper vapor withdrawal, the 20 lb. (9 kg) cylinder should be used in the proper upright position. Cylinder must be turned off while not in use. Failure to follow these instructions and warnings could result in fire or explosion which could cause property damage, personal injury or death.
- Keep the gas supply hose away from heated surfaces at all times.
- Ensure all connections are tightly secured before each use.
- Level the stand with the adjustable feet prior to each use.
- Check for gas leaks before each use—this can be done by applying soapy water and looking for bubbles.
- This system gets dangerously hot while in use. Use well-insulated protective gloves, clothing and boots during operation for protection from hot surfaces or splatter from hot liquids. Safety goggles are also recommended to protect you from splatter.
- Keep a fire extinguisher nearby at all times when operating the Center of Gravity™.
- Use a pump or gravity to move hot liquids from or into each brewing vessel.
- Allow the system to cool to 100°F (38°C) before moving or storing.

ASSEMBLY

BEFORE YOU BEGIN

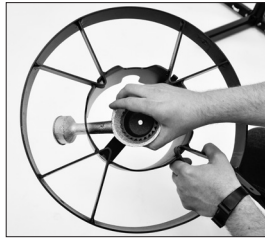
Check your inventory. Ensure you've received everything listed in the Inventory section. You can also follow along online with a how-to video for assembling the Center of Gravity™.

CREATING THE BURNER ASSEMBLIES

EQUIPMENT: Burners, Burner Frames, Burner Supports, Hex-Head Screws

1. Position the burner frame face-up.
2. Remove the nut and washer from the screw at the base of the burner.

3. Holding the head of the burner, slide the air inlet down through the center of the frame. You will create two right-oriented burners and one left-oriented burner.



4. Insert the burner screw through the hole in the center bar on the burner frame.

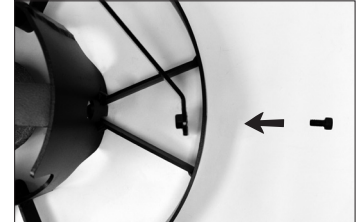


LEFT-ORIENTED BURNER

5. For the left-oriented burner, position the air inlet tube through the left notch in the frame. Use the right notch for the right-oriented burners.

6. Flip the burner over, holding it together as you flip it.
7. Thread the washer and nut onto the burner screw. Tighten with a wrench.

8. Locate the holes on the rim of the burner frame. Use a hex head screw to attach each support to the inside of the frame.



**FULLY ASSEMBLED
RIGHT-ORIENTED BURNER**

BUILDING THE BASE

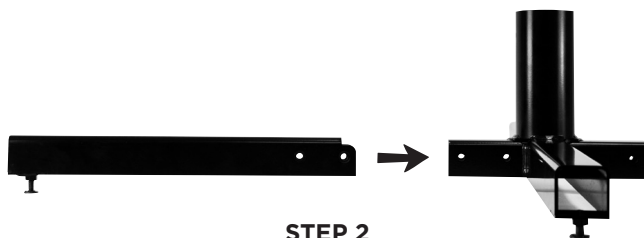
EQUIPMENT: Base, Adjustable Feet, Legs, Small Quick Clamps, Assembled Base, Center Posts, One Large Quick Clamp

1. Thread one foot into each of the four legs.



STEP 1

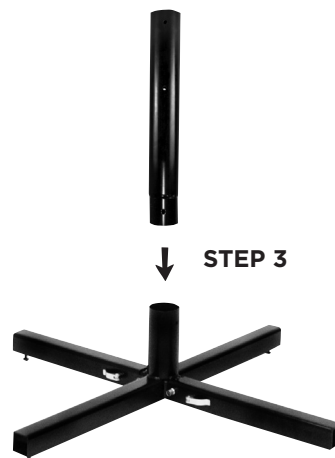
2. Slide the non-footed end of the weldless leg over the bracket on the base. Using two small quick clamps, secure each leg to the base.



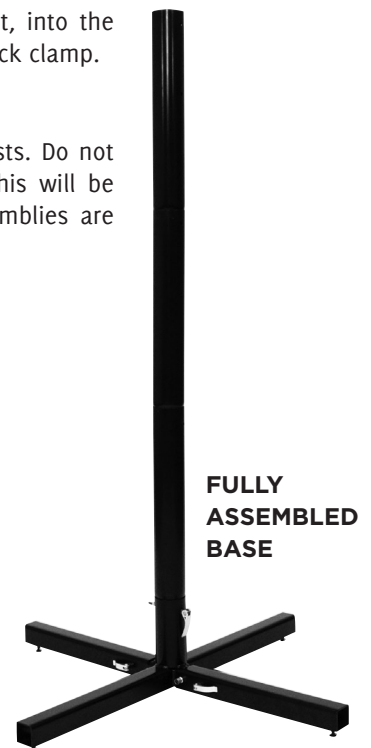
STEP 2

3. Insert post, tapered end first, into the base. Secure with a large quick clamp.

4. Insert the two remaining posts. Do not secure with quick clamps—this will be done when the burner assemblies are installed.



STEP 3



**FULLY
ASSEMBLED
BASE**

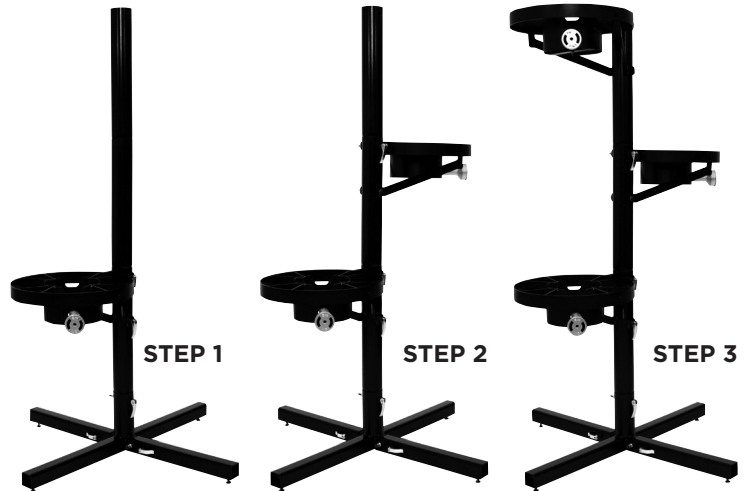
INSTALLING THE BURNER ASSEMBLIES

EQUIPMENT: Two Right-Oriented Burner Assemblies, One Left-Oriented Burner Assembly, Six Large Quick Clamps, Allen Wrench

1. Attach the bottom (right-oriented) burner. Undo the nut of two quick clamps. Insert the first clamp through the burner support and the lowest holes on the center post, then secure. Use the second clamp to attach the mounting bracket to the center post.
3. From the same direction as the bottom burner, secure the remaining right-oriented burner assembly to the center post.
4. Ensure the center post is straight and there is no wobble in the legs. Adjust the feet on the base to straighten as necessary. Ensure burner frames are level, then tighten the hex head screws with the allen wrench.



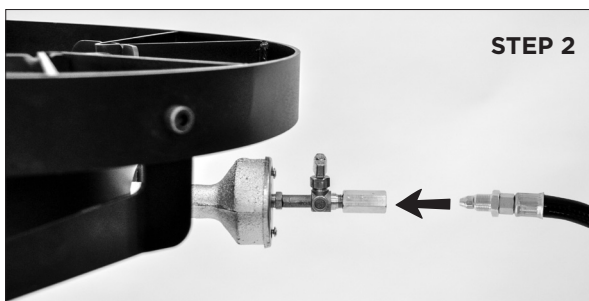
2. From the opposite direction as the first burner, secure the middle (left-oriented) burner assembly to the center post.



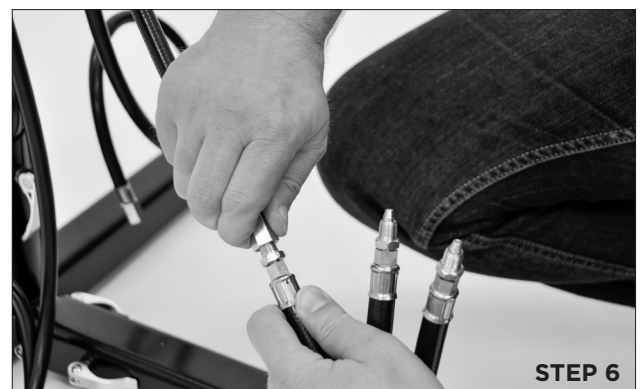
INSTALLING THE PROPANE LINES

EQUIPMENT: Needle Valves, Propane Hoses, Propane Manifold, Velcro Straps, Crescent Wrench (not included)

1. Install the needle valves. Thread a needle valve into the air inlet tube on each burner. **DO NOT OVERTIGHTEN.** The brass tip of the needle valve is soft and can snap off if overtightened. Hand-tighten only.
2. Attach the first propane hose. Thread the first hose into the needle valve of the top burner. Tighten with a wrench.
4. Repeat Step 2 and 3 for the middle hose.
5. Attach the bottom hose as described in Step 2. Use the final double velcro strap to secure all three propane hoses to the bottom of the center post.



3. Run the propane hose along the front-facing burner support. Secure it to the support with one velcro strap. There should be as little slack as possible without kinking the hose. Attach two velcro straps together and secure the hose to the center post.



6. Install the manifold. Thread each propane hose into the manifold and tighten with a wrench.

NOW YOU'RE READY TO BREW!