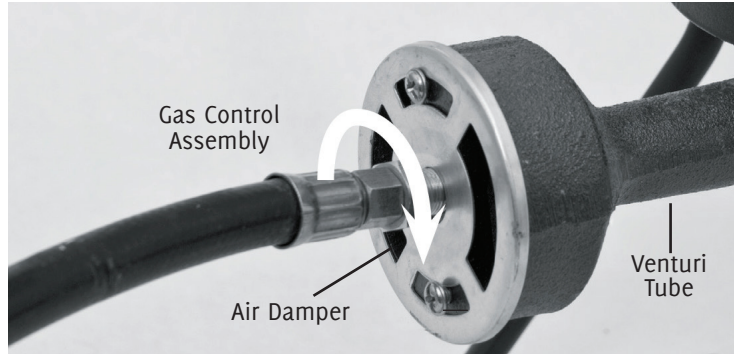


DARKSTAR® 2.0

Dark Star® 2.0 is a whole new beast of a burner. Faster full-volume boil. A bigger, better built-in wind guard. Easy to use and loaded with 65,000 BTU's of brewing power for better beer in a fraction of the time.

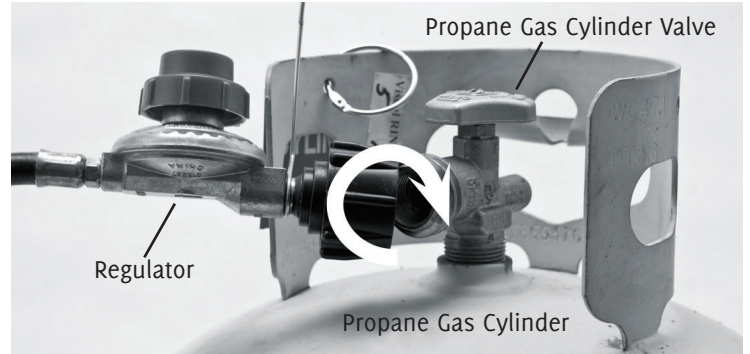
ASSEMBLY



CONNECTION TO BURNER

Thread the male-end fitting of the Gas Control Assembly into the burner Venturi Tube. Hand-tighten—overtightening will strip the threads of the Venturi Tube.

NOTE: Once connected, the gas control assembly does not need to be removed for storage.



CONNECTION TO PROPANE GAS CYLINDER

- Ensure the gas cylinder and regulator are fully closed, in the OFF position. Attach the regulator-end of the Gas control Assembly to the cylinder and tighten.
- Turn the gas cylinder counter-clockwise one full turn. Check the cylinder for leaks with soapy water. If a leak is detected, shut off the gas and re-tighten all connections.

USE

LIGHTING THE BURNER

1. Ensure the regulator is fully closed and turn the air damper until it is about halfway open.
2. Turn on the gas by twisting the gas cylinder valve counter-clockwise for one full rotation.
3. Using long-handled matches or a lighter, light the burner through the ignition hole while slowly opening the regulator.
4. If the burner does not ignite, close the regulator and allow residual gas to disperse before making a second attempt.

Note: Locate the gas cylinder away from the burner to ensure it is not subjected to radiant heat.

ADJUSTING HEAT OUTPUT

1. To increase heat output, turn the regulator counter-clockwise. Clockwise rotation will decrease heat output.
2. Use the regulator and air damper to fine-tune heat output once the burner has ignited.

TURNING THE BURNER OFF

With the flame still operating, turn the valve on the gas cylinder “OFF”. Allow the flame to burn down until all remaining gas in the hose has been used. Turn the gas controls on the regulator “OFF”

CARE

CLEANING

Once the burner has cooled, use soapy water with mild detergent to wipe down all surfaces.

NOTE: Do not allow water in burner outlets. Do not submerge the burner. Do not use abrasive cleaners or bleach.

MAINTENANCE

- Periodically check for leaks using the soapy water method. If any signs of weakness are detected on the hose or regulator, replace immediately.
- If the burner flame is unstable, changes color from blue to yellow, or has a distinct smell, take the burner to your local appliance-repair shop immediately for inspection.

TECHNICAL DETAILS

Product	Dark Star® Burner	Output	65,000 BTU
Description	High Pressure Burner	Height of Burner	13.4 inches
Size	18 x 18.1 x 13.4 inches	Burner Surface Diameter	18 inches
Weight (Net weight)	12.5 lbs	Pressure	Cylinder Pressure



WARNING

READ AND UNDERSTAND BEFORE USING THIS PRODUCT

- Do not leave this burner unattended while it is lit or heating.
- Monitor the burner 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 burner has been shut off.
- Do not exceed 125 lbs
- Do not use this burner for heating oil or grease.
- Keep children, pets and unauthorized persons away from the Dark Star® 2.0 Burner at all times.
- Always operate the burner 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 burner 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 burner 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.
- Never lift or move a full kettle of water onto or off of the Dark Star® 2.0 Burner.
- Only use the propane tank valve as the gas shutoff. Do not use the regulator.
- 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 Dark Star® 2.0 Burner. 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.
- Check for gas leaks before each use—this can be done by applying soapy water and looking for bubbles.
- This burner 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.
- Allow the burner to cool to 100°F (38°C) before moving or storing.
- The installation of this burner must conform with local codes or, in the absence of local codes, with the National Fuel Gas Code, ANSI Z223.1/NFPA 54, Storage and Handling of Liquefied Petroleum Gases, ANSI/NFPA 58, Natural Gas and Propane Installation Code, CSA B149.1, Propane Storage and Handling, CSA B149.2, or the Standard for Recreational Vehicles, ANSI A119.2/NFPA 1192 and the Recreational Vehicle Code, CSA z240 RV Series
- If you smell gas: Shut off gas to the burner, extinguish any open flame, and if odor continues, keep away from the burner and gas cylinder and immediately call your fire department.
- Never use a gas cylinder if it shows signs of dents, gouges, bulges, fire damage, erosion, leakage, excessive rust, or other forms of visible external damage. The cylinder may be hazardous and should be checked by a qualified liquid propane supplier.
- If a fire should occur, keep away from the burner and immediately call your Fire department.
- When burner is in use, have a type BC or ABC fire extinguisher readily available. A type BC or ABC fire extinguisher may, in some circumstances, contain the fire.
- DO NOT use external electrical sources with this burner.
- Do not attempt to disconnect the regulator hose assembly while burner is in operation.
- When burner use is complete, always turn the LP cylinder valve OFF first, then turn the regulator control valve OFF. Turning the cylinder OFF first allows remaining gas to flow out of the regulator hose assembly before the regulator control valve is turned OFF.