



CSA Certified Fire Pit Burner Kit

Installation and Operations Manual



Models:

CSA-12S.....	Ulc-PZ30-F-E
CSA-18S.....	Ulc-PZ-12-C-E
CSA-13R.....	Ulc-PY13-F-E
CSA-19R.....	Ulc-PY19-D-E
CSA-18-6.....	Ulc-PC18-H-E
CSA-24-8.....	Ulc-PC24-H-E
CSA-30-6.....	Ulc-PC30-Y-E
CSA-30-10.....	Ulc-PC30-H-E
CSA-36-6.....	Ulc-PC36-Y-E
CSA-36-12.....	Ulc-PC36-H-E
CSA-48-6.....	Ulc-PC48-Y-E

WARNINGS

DANGER

CARBON MONOXIDE HAZARD

- Carbon Monoxide is a colorless, odorless gas produced from incomplete combustion of gas.
- Carbon Monoxide can cause brain damage or death.
- Only use this appliance outdoors in a well-ventilated location.

DANGER

EXPLOSION – FIRE HAZARD

- Never store propane near high heat or open flames.
- Turn off the appliance and contact a certified gas installer if you smell gas.
- Always provide adequate ventilation for this appliance.

DANGER

WORKING WITH GAS IS DANGEROUS

- We recommend you have a licensed gas installer make all gas connections.
- Locate an NFI certified gas installer at www.nficertified.org.

DANGER

VENTILATE ALL ENCLOSURES

- Enclosures require a minimum of 20 square inches of ventilation.
- Propane is heavier than air, locate ventilation in the lowest portion of the enclosure.



CAUTIONS

All components supplied with this burner kit must be used. Removing, modifying, or replacing any components will negate the CSA safety certification.

Dented, rusted, or otherwise damaged propane tanks pose a hazard and should not be used.

The installation of this burner kit must comply with local building codes.

Natural gas installation requires the purchase of a natural gas conversion kit. Contact Celestial Fire Glass for the proper kit for your burner model.

If the burner will not be used for an extend period, we recommend that you turn off the gas at the propane tank.

INSTALLATION

Installation of your CSA certified fire pit burner kit is a breeze. The kit includes all components required for your burner to connect to a standard 20 lb. propane tank. Installation is as simple as dropping your burner pan in place and connecting to a propane tank.

- Step 1 Prepare the surface for the burner kit to be installed into. The dimensions of the cut-out for the burner should be 1" larger than the pan size. For example, if you have a 24" x 8" burner pan the cutout should be 25" x 9". The surface should be a non-flammable material such as granite.
- Step 2 Once the burner pan is in place, attach the control panel. The control panel should be located in a place which is easily accessible near the burner pan.
- Step 3 Install a AA battery into the spark igniter switch. To do this unscrew the cap around the igniter button. Then insert a AA battery with the positive end facing outwards.



- Step 4 Connect the gas source and test for leaks. Use soapy water to check all gas connections. If you smell gas or see bubbles there is a leak which needs to be resolved before proceeding further.
- Step 5 Add fire glass to the burner pan. The fire glass should cover the burner by about 1/2" (just enough so the burner is no longer visible). Too much fire glass can cause sooting and the flame to burn incompletely. Be sure not to cover the metal cage which houses the igniter and thermocouple. Without adequate ventilation to the cage the flame will not stay lit.
- Step 6 Light the burner and test for proper operation. First, turn on the gas from the propane tank. Then press in on the control valve and turn counter-clockwise. While holding the control valve in press on the spark igniter button. Once the burner lights, stop pressing on the igniter button but keep the control knob pressed in. After about 15 to 20 seconds release the control knob (if the flame does not stay lit, press the control knob longer to allow the thermocouple to heat).

OPERATIONS

- Before lighting the burner be sure the pan is clear of all debris.
- If you smell gas do not light the burner. Turn off the gas supply to the burner and call your gas specialist.
- Keep children and pets clear of the fire pit. The burner pan gets very hot and will cause burns if touched.
- Turn the gas on at the propane tank.
- Press on the control knob and turn counter-clockwise to turn the gas on.
- Press the red spark igniter button to light the gas.
- Continue to press on the control knob until the flame is able to stay lit on its own. This typically takes about 15 to 20 seconds.
- Release the control knob and adjust the flame to the desired height.
- To turn off the burner rotate the control knob clockwise to the off position. Once the flame is off turn off the gas supply at the propane tank.



MAINTENANCE

While the CSA burner kit is made of stainless steel, you should still protect it from the elements as much as is reasonably possible. Stainless steel resists rust but is not rust proof. Over time moisture will negatively affect stainless steel. We recommend you cover your burner pan with a stainless-steel cover when not in use. This will keep excessive amounts of water from entering the burner pan and the enclosure below it.

Stainless-steel can be cleaned using vinegar and water. For tougher stains we recommend baking soda. Use soft scrub surfaces to clean the stainless-steel. Avoid using abrasive products such as steel wool.

When the burner is not going to be used for a period of time, turn off the gas at the propane tank.

Fire glass requires to be cleaned on occasion. You can clean your fire glass with a 50/50 mixture of vinegar and water.

Cover the burner when not in use. This will extend the life of your burner pan and keep debris from falling into the fire glass.

TROUBLESHOOTING

Flame won't stay lit.

- a) Clear all fire glass from the cage containing the spark igniter. This cage contains a flame sensor called a thermocouple. The thermocouple must have a flame in direct contact with it, otherwise it will turn off the flow of gas. Clearing fire glass from over and around the cage ensures the flame directed at the thermocouple gets enough air to burn.
- b) Propane tank can't produce gas because it's too cold. For the liquid propane in your propane tank to turn to gas it requires heat. If the weather is very cold there won't be enough ambient heat for the liquid propane to become a gas. Locating your propane tank in a location which isn't as cold helps, but if the outside temperature is below 32 degrees you will have difficulty with the flame.



If you should have any questions or problems, the Celestial Support Team is available to provide support. Available Monday through Friday, from 8:00 am to 5:00 pm.

Call us at (301) 245-7755

Email us at support@celestialfireglass.com

Online at <https://support.celestialfireglass.com/contact/>

Online Resources at <https://support.celestialfireglass.com>