



Valve Systems:

SPQMKN
SPQMKLP

INSTALLATION AND OPERATIONS GUIDE FOR GRAND CANYON GAS SAFETY PILOT CONTROL SYSTEMS. GRAND CANYON GAS LOGS USES COPRECI.

Installation and service must be provided by a qualified installer, service agency or gas supplier



CAUTION

THIS DEVICE SHOULD BE INSTALLED BY A QUALIFIED SERVICE TECHNICIAN WITH DUE REGARD FOR SAFETY AS IMPROPER INSTALLATION COULD RESULT IN A HAZARDOUS CONDITION.



We recommend that our gas hearth products be installed and serviced by professionals who are certified in the U.S. by the National Fireplace Institute® (NFI) as NFI Gas Specialists.

CAUTIONS

1. This valve system **MUST** be installed by a certified and trained gas professional
2. Turn off gas supply before installing valve.
3. All piping **MUST** meet applicable local codes and ordinances and the national fuel gas codes (ANSI Z223.1/NFPA NO.50)
4. ALL wiring **MUST** meet applicable electrical codes and ordinances.
5. Check out the complete system after installing the valve.
6. Prior to installation, verify conformance with burner installation instructions.

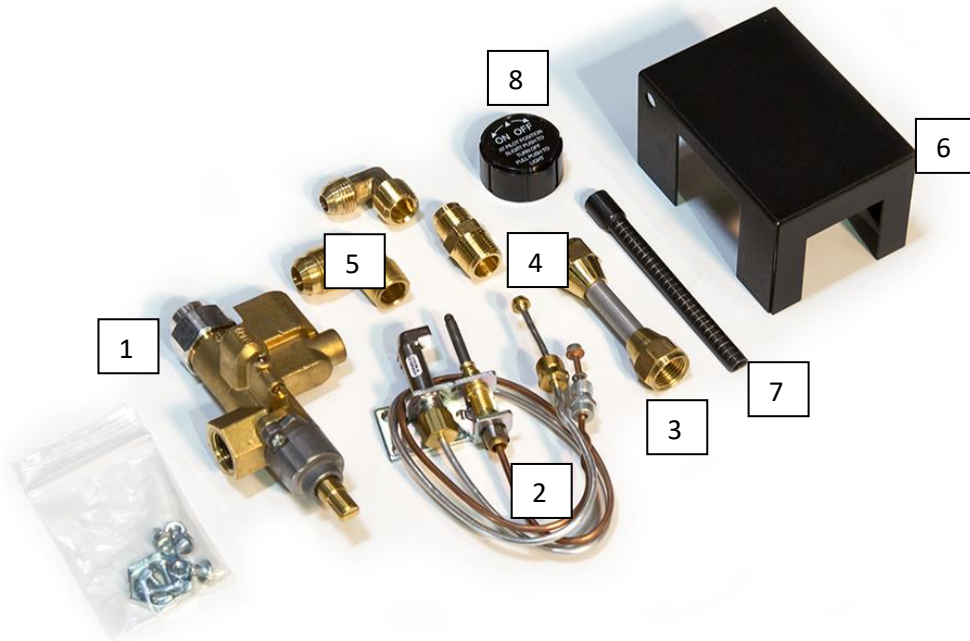
FOR YOUR SAFETY

IF YOU SMELL GAS:

1. **OPEN ALL WINDOWS**
2. **DO NOT TOUCH ELECTRICAL SWITCHES**
3. **EXTINGUISH ALL OPEN FLAMES**
4. **IMMEDIATELY CALL YOUR GAS SUPPLIER**

INSTALLER: Leave this manual with the log set
CONSUMER: Retain this manual for future reference.

PARTS LIST



SPQMKN / SPQMKLP PARTS LIST

1. Copreci Gas Control Valve
 2. 1900-01H/107 (Thermocouple Pilot Hood)
 3. 426 (3/8 x 3/8 Swivel Connector)
 4. 48-66 (3/8 x 3/8 Straight)
 5. 49-66 (3/8 x 3/8 90*)
 6. Heatshield (Heatshield)
 7. 101 4" Stem Extension
 8. Control Knob
 9. VEM-8 (Vermiculite)*
 10. 218P (Pilot LP Orifice NOT SHOWN) *
- *LP ONLY

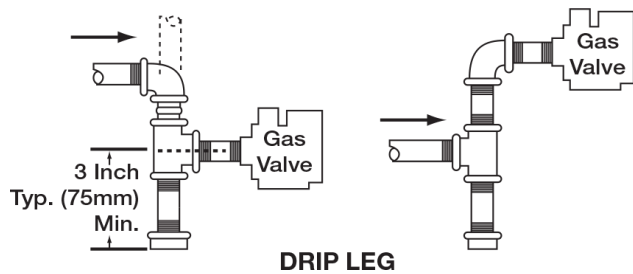
WARNING: Installer MUST follow gas flow on the valve. If not valve may not shut off gas.

INSTALLATION INSTRUCTIONS

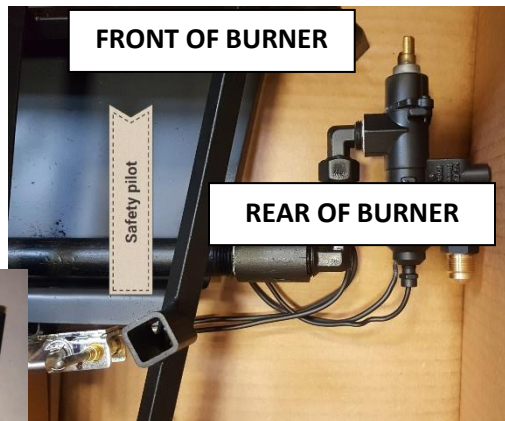
Turn off gas supply to equipment before servicing.

PIPING

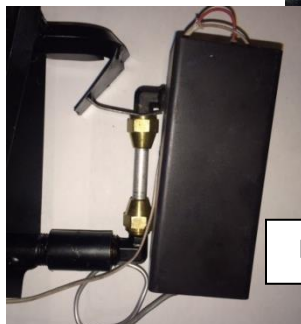
1. Check replacement valve for multiple outlets (side outlets). If it has them, be sure all unused outlets are plugged using the socket plugs provided.
2. Pipe or tubing must be clean and free of scale and dirt.
3. Make sure gas piping is pressure tested before control is connected. High pressure can damage control causing a hazardous condition. Do not subject control to more than 1/2 PSI, (14" W.C.) inlet pressure.
4. If it is not already installed, a drip leg (sediment trap) must be added to the gas supply line to control. (See figure below.) All piping must comply with local codes and ordinances and with National Fuel Gas Code (ANSI Z223. 1/NFPA, No. 54).
5. Using pipe thread compound or tape (suitable for gas), apply a small amount on the male pipe threads. Insert part #4 (48-66) into the back of the valve & part # 5 (49-66) in to the side of the valve. Hand tighten at first & then secure with turns of an open-ended wrench.
6. Using Part 426 or US-4-6 connect the valve to the burner. These are flare fitting & do not require any Teflon tape of pipe compound. Secure tightly and in a position to where the valve is parallel to the burner.
7. Attached the Pilot assembly to the pilot mounting tab located on the burner. Using 2 self-tapping screws, attached the pilot so that the 90-degree hood has one flame shooting towards the burner & the other flame shooting towards the thermocouple.
8. Secure the thermocouple & pilot tubing to the gas valve.
9. Once fittings & lines are tightened connect the valve to the incoming gas supply, cover the valve with the heat shield & attached the knob & stem to the valve.



PILOT PLACEMENT



HEATSHIELD PLACEMENT



FOR YOUR SAFETY READ BEFORE LIGHTING

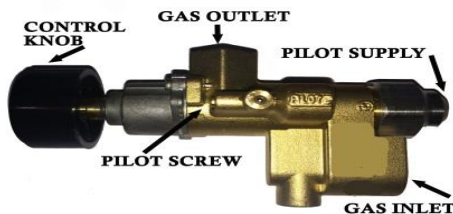
“WARNING – If you do not follow these instructions exactly, a fire or explosion may result causing property damage, personal injury or loss of life.”

- A.** This appliance has a pilot which must be lighted by hand.
- B. BEFORE LIGHTING** smell all around the appliance area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.
WHAT TO DO IF YOU SMELL GAS:
 - 1.** Do not try to light any appliance.
 - 2.** Do not touch any electric switch; do not use any phone in your building
 - 3.** Immediately call your gas supplier from a neighbor’s phone. Follow the gas supplier’s instructions.
 - 4.** If you cannot reach your gas supplier, call the fire department.

- C.** Use only your hand to push in or turn the gas control knob. Never use tools. If the knob will not push in or turn by hand, don’t try to repair it, call a qualified service technician. Force or attempted repair may result in a fire or explosion
- D.** Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control, which has been underwater.

LIGHTING INSTRUCTIONS

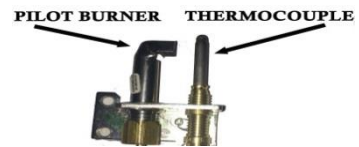
- 1.** STOP! Read the safety information above on this label.
- 2.** Push in gas control knob slightly and turn clockwise to “OFF”



NOTE: Knob cannot be turned from “PILOT” to “OFF” unless knob is pushed in slightly. Do not force.

- 3.** Wait five (5) minutes to clear out any gas. If you then smell gas, STOP! Follow “B” in the safety information above. If you don’t smell gas, go to next step.

- 4.** Find pilot – follow metal tube from the gas control behind the burner.



- 5.** Turn knob on gas counter-clockwise to arrow in the center of the knob.
- 6.** Push in control knob all the way and hold in. immediately light the pilot with a match. Continue to hold the control knob in for about one minute after the pilot is lit. release knob and it will pop back up. Pilot should remain lit. If it goes out, repeat steps 3-7
 - If knob does not pop up when released, stop and immediately call your service technician or gas supplier.
 - If the pilot will not stay lit after several tries, turn the gas control knob to “OFF” and call your service technician or gas supplier.
- 7.** Turn gas control knob counterclockwise to “ON”

TO TURN OFF GAS TO APPLIANCE

- 1.** Turn knob clockwise from “ON” position to the center arrow position. Push in the gas control knob slightly and turn clockwise to “OFF”. Do not force knob.