

# INSTALLATION GUIDE FOR HARGROVE VENTED GAS LOGS VARIABLE FLAME REMOTE (AF-SCK) for Eco Pilot Valve

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

## FOR YOUR SAFETY

### WHAT TO DO IF YOU SMELL GAS

1. Open windows.
2. Extinguish all open flames.
3. Do not try to light any appliance.
4. Do not touch any electrical switch; do not use the phone in your building.
5. Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
6. If you cannot reach your gas supplier, call the fire department.

## WARNING

To avoid a potential fire hazard, do not disassemble or attempt to repair the safety gas valve. Disassembly, reassembly or internal adjustment could cause the valve to malfunction, resulting in property damage, personal injury, or death. If the control valve does not operate properly following the installation or service, replace the unit.

## FOR YOUR SAFETY

DO NOT STORE OR USE GASOLINE OR OTHER FLAMMABLE LIQUIDS OR FLAMMABLE VAPORS IN THE VICINITY OF THIS OR ANY OTHER APPLIANCE.

## CAUTIONS

1. This valve should be installed only by a qualified service technician trained in gas safety equipment.
2. Turn off the gas supply before installing the valve.
3. All piping must meet applicable local codes and ordinances and the National Fuel Gas Code (ANSI Z223.1/NFPA NO.54)
4. All wiring must meet the applicable electrical codes and ordinances.
5. Assure that the complete system is operating according to the manufacturer's instructions after installing the Parts Only Kit.
6. Prior to installation, verify conformance with the log unit's installation instructions.
7. Assure that all the piping is free of any foreign matter.

*INSTALLING A HARGROVE SAFETY GAS VALVE IN A LOCATION OTHER THAN SPECIFIED IN THIS MANUAL WILL VOID THE WARRANTY EXCEPT WHEN THE SAFETY GAS VALVE IS INSTALLED OUTSIDE THE FIREBOX IN A SAFE AND PROPER INSTALLATION AND ACCESS IS PROVIDED FOR MAINTENANCE AND REPAIR OF THE SYSTEM. A QUALIFIED INSTALLER MUST MAKE INSTALLATION AND ADJUSTMENTS.*

## FOR YOUR SAFETY

**WARNING:** If you do not follow these instructions exactly, a fire or explosion may occur resulting in property damage, personal injury, or loss of life.



## PARTS LIST



<u>ITEM</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
1	SKS	Variable Motor Servo for Eco Valve
2	RC-S6V-ST	Variable Remote and Receiver

## SERVO INSTALLATION

Remove the slotted covered screw on the front of the SKC-C gas control valve.

Connect and tighten the SKS Servo hand tight using the black base of the servo, DO NOT overtighten or tighten using moter or wires.

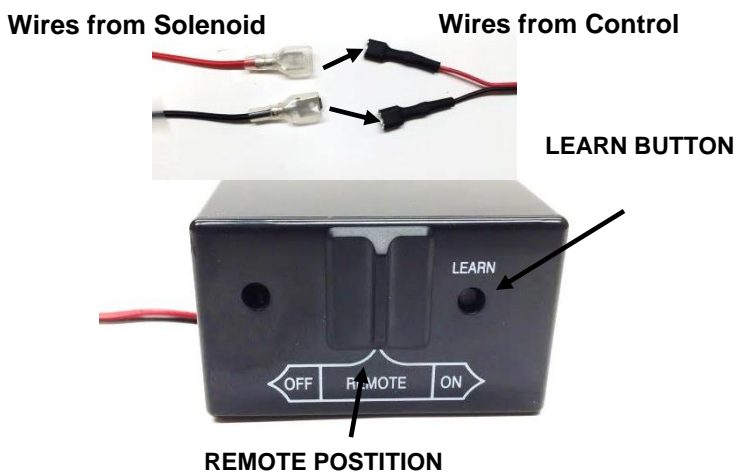


## REMOTE CONTROL INSTALLATION

Install the batteries included in the control box and handheld remote. Connect the wires from the solenoid, to the wires on the control box. (black to black/red to red)

Flip the selector switch on the receiver to the "REMOTE" position and use a pin to depress the "LEARN" button. You should hear a confirmation tone once released. Using your handheld, depress the "ON" button and the receiver should give 3 confirmation beeps.

Your remote control is now ready for operation.



**IMPORTANT:** It is recommended that the remote control box be installed outside the firebox to insure maximum durability during its operation. For application in which the control box is located in the firebox use Fiber Heat Shield (FRCHSCL) to protect the control box.

## LIGHTING THE PILOT

**IMPORTANT: THIS APPLIANCE HAS A PILOT, WHICH MUST BE LIT BY HAND. WHEN LIGHTING THE PILOT, FOLLOW THESE INSTRUCTIONS EXACTLY. BEFORE LIGHTING, SMELL ALL AROUND THE APPLIANCE AREA FOR GAS. BE SURE TO SMELL NEXT TO THE FLOOR BECAUSE SOME GASES ARE HEAVIER THAN AIR AND WILL SETTLE ON THE FLOOR.**

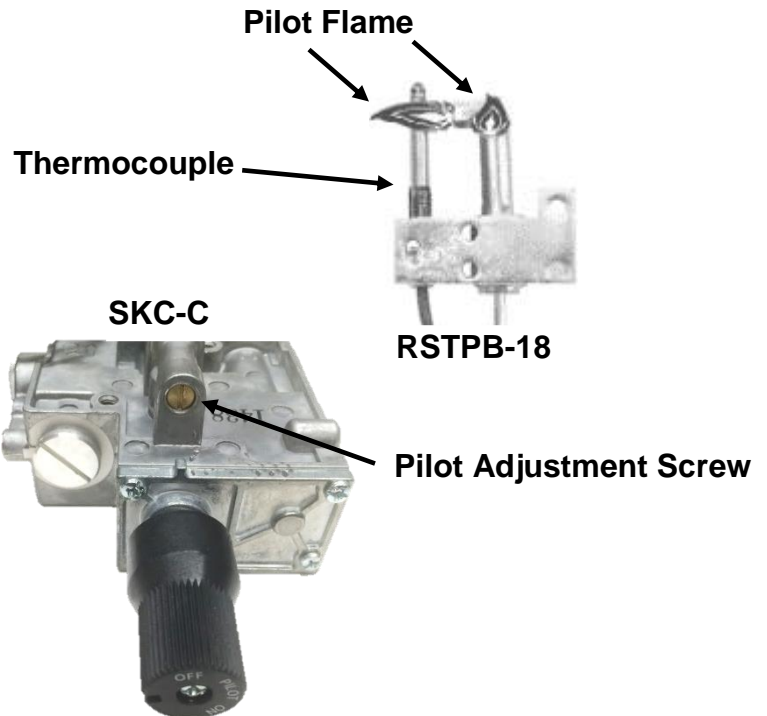
Read the lighting instruction plate attached to the gas valve or located in the burner kit instructions.

Push in gas control knob slightly and turn clockwise until the knob will not turn any longer. This is the "OFF" position. The word off should be at the 12 o'clock position on the control knob.

Slightly push in on pilot knob and turn valve to the "PILOT" position. Push the knob in all the way and hold in. Immediately light the pilot. *(The pilot is located on the back right corner of the burner pan)* Continue to hold the knob for at least 30 seconds after the pilot is lit. Release the knob and the pilot should remain lit.

Carefully check the connections for leaks using a soapy solution.

**NOTE-** if the pilot will not stay lit after several tries turn the control off and call a technician.



**IMPORTANT:** These controls are factory preset and will not normally require additional adjustment of the pilot flame. If field adjustment of the pilot flame is required, adjust using the pilot adjustment screw. The 90 degree pilot should produce 2 flames about 1-1 1/2" in 2 directions. One flame should come towards the front of the firebox to ignite the burner and the other, wrapping around the thermocouple to ensure proper valve operation.

## REMOTE OPERATION

Turn the gas valve to the "ON" position. At this point the remote control will now control the flow of gas. Leave the valve in the "ON" position. Hold "ON/HI" on the remote to turn the set on, always turn the set on "HI" for ignition and then push "LO" until the desired flame height. To turn the set "OFF" always push the "OFF" button, the main flame will extinguish; however the pilot flame will remain lit.

