

HHT 29479

HHT Gas Fireplace Pilot Assembly LP (29479) Instruction Manual

Model: 29479

INTRODUCTION

This manual provides essential instructions for the safe and proper installation, operation, and maintenance of your HHT Gas Fireplace Pilot Assembly LP, model 29479. This component is a genuine OEM replacement part designed for specific gas stoves and fireplaces manufactured by Quadra-Fire, Heat N Glo, and Heatilator. It is intended for use with standing pilot units only and is not compatible with IPI, DSI, or HSI ignition systems.

Please read this manual thoroughly before attempting any installation or service to ensure safety and optimal performance of your appliance.

SAFETY INFORMATION

- **Professional Installation Recommended:** Installation and service of gas appliances should only be performed by a qualified installer, service agency, or gas supplier. Improper installation, adjustment, alteration, service, or maintenance can cause injury or property damage.
- **Gas Type:** This pilot assembly is designed for Liquid Propane (LP) gas systems. Do not attempt to use it with natural gas.
- **Gas Leaks:** If you smell gas, immediately shut off the gas supply to the appliance and evacuate the area. Do not light any appliance, touch any electrical switch, or use any phone in the building. Call your gas supplier from a neighbor's phone.
- **Power Disconnection:** Always disconnect electrical power to the appliance before servicing.
- **Original Parts:** Use only genuine OEM replacement parts. Substitutions may compromise safety and performance.

COMPATIBILITY

This HHT Gas Fireplace Pilot Assembly LP (29479) is compatible with the following standing pilot gas fireplace models:

- **Quadra-Fire Gas Fireplaces:** I30SE-LC, I30SE (Affinity)
- **Heat N Glo Gas Fireplaces:** DVI25S-LC, DVI35S-LC
- **Heatilator Gas Fireplaces:** NOVi30, NOVi30L, NOVi35, NOVi35L, Max60, Max60F

Note: This part is specifically for standing pilot units. It is not compatible with IPI (Intermittent Pilot Ignition), DSI (Direct Spark Ignition), or HSI (Hot Surface Ignition) systems.

SETUP AND INSTALLATION

Installation of the pilot assembly requires careful attention to gas connections and electrical wiring. It is strongly recommended that installation be performed by a qualified service technician.

1. Preparation:

- Ensure the gas supply to the appliance is turned off at the main shut-off valve.
- Disconnect electrical power to the fireplace.
- Allow the fireplace to cool completely if it has been in operation.
- Access the pilot assembly area, typically by removing the fireplace's front panel or log set.

2. Removal of Old Assembly:

- Carefully disconnect the thermocouple, thermopile, and pilot gas line from the existing pilot assembly.
- Unscrew or unclip the old pilot assembly from its mounting bracket.

3. Installation of New Assembly:

- Mount the new HHT Gas Fireplace Pilot Assembly LP (29479) into the designated position, ensuring it is securely fastened.
- Reconnect the pilot gas line, thermocouple, and thermopile to the new assembly. Ensure all connections are tight and properly seated.
- Use a gas leak detection solution (soap and water mixture) to check all gas connections for leaks after the gas supply is restored.

4. Testing:

- Restore gas supply and electrical power.
- Follow the appliance's specific instructions for lighting the pilot and main burner to verify proper operation.



An image showing the HHT Gas Fireplace Pilot Assembly LP (29479). This component is essential for the ignition system of compatible gas fireplaces and stoves.

OPERATING INSTRUCTIONS

Once the pilot assembly is installed and tested, operate your gas fireplace according to the specific instructions provided in your fireplace's owner's manual. The general procedure for lighting a standing pilot is as follows:

1. Locate the gas control knob, usually behind the lower access panel of your fireplace.
2. Turn the knob to the "PILOT" position and push it in. While holding it in, press the igniter button repeatedly until the pilot flame lights.
3. Continue to hold the knob in for approximately 30-60 seconds after the pilot lights. This allows the thermocouple to heat up and generate enough millivolts to hold the pilot valve open.
4. Release the knob. If the pilot flame remains lit, turn the knob to the "ON" position.
5. You can now turn on the main burner using the fireplace's main control switch or remote, if applicable.

Always refer to your specific fireplace model's manual for detailed lighting procedures.

MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your pilot assembly and fireplace.

- **Annual Inspection:** Have a qualified service technician inspect the pilot assembly and entire gas system annually.

They can check for proper flame characteristics, clean any debris, and ensure all connections are secure.

- **Cleaning:** If the pilot flame appears weak or erratic, it may be due to dust or debris obstructing the pilot orifice. With the gas supply and power off, gently clean the pilot hood and orifice area using a soft brush or compressed air. Do not use sharp objects that could damage the orifice.
- **Thermocouple/Thermopile Check:** Ensure the thermocouple and thermopile tips are properly positioned within the pilot flame. They should be engulfed by the flame for optimal performance.

TROUBLESHOOTING

If you encounter issues with your pilot assembly, consider the following common troubleshooting steps. For complex problems, contact a qualified service technician.

- **Pilot Will Not Light:**
 - *No Gas Supply:* Check if the main gas valve to the fireplace is open.
 - *Igniter Issue:* Ensure the igniter is sparking. If not, the igniter or its wiring may be faulty.
 - *Obstructed Pilot Orifice:* Clean the pilot orifice as described in the Maintenance section.
 - *Low Gas Pressure:* This requires a professional to diagnose.
- **Pilot Lights But Goes Out When Knob Released:**
 - *Not Held Long Enough:* Ensure you hold the control knob in for the recommended 30-60 seconds to allow the thermocouple to heat up.
 - *Faulty Thermocouple:* The thermocouple may be worn out or improperly positioned. It needs to be fully engulfed by the pilot flame. A faulty thermocouple will not generate enough millivolts to keep the pilot valve open.
 - *Loose Connections:* Check that the thermocouple connection to the gas valve is secure.
- **Pilot Lights But Main Burner Will Not Ignite:**
 - *Faulty Thermopile:* The thermopile (also known as a generator) generates power for the main gas valve. If it's faulty or not adequately heated by the pilot flame, the main burner will not light.
 - *Main Gas Valve Issue:* The main gas valve itself may be faulty.
 - *Control Switch/Remote Issue:* Check the fireplace's main control switch or remote for proper function.

SPECIFICATIONS

Brand	HHT
Model Number	29479
Part Type	Gas Fireplace Pilot Assembly
Fuel Type	Liquid Propane (LP)
Material	Metal
Weight	2 Pounds
UPC	793611852495

WARRANTY INFORMATION

This HHT Gas Fireplace Pilot Assembly LP (29479) comes with a**Limited Warranty**. For specific details regarding the terms, conditions, and duration of your warranty, please refer to the documentation provided with your original fireplace appliance or contact HHT customer support directly. Keep your proof of purchase for warranty claims.

SUPPORT

If you require further assistance, have questions about installation, or need to troubleshoot issues not covered in this manual, please contact a qualified gas appliance service technician or the manufacturer's customer support.

For HHT product support, please refer to the contact information provided on the official HHT website or in your fireplace's original documentation.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question