

**NOVUS SERIES INSTALLATION INSTRUCTIONS**

**STANDING PILOT IGNITION OPERATION**

- a. Hearth & Home Technologies recommends you leave the pilot on year round.
- b. **Lighting the Appliance During Regular Use**  
Turn the wall switch to "ON".
- c. **Shutdown During Regular Use**  
Turn the wall switch to "OFF".
- d. **Long-term Shutdown**
  - 1) Turn all wall switches to "OFF".
  - 2) Turn pilot knob on valve to "OFF".
  - 3) Turn the gas line to "CLOSED".
  - 4) To relight the pilot and appliance, see page 27.

**3. FUEL**

- a. Do not burn wood or other material in the appliance.
- b. Natural or propane gas conversions necessary to meet the application need to be made by a qualified technician using Hearth & Home Technologies specified and approved parts.
- c. In the event your appliance must be converted to use propane, you must use a CKVP Conversion Kit. To convert to natural gas, you must use a CKVN Conversion Kit.

**2. ELECTRONIC IGNITION OPERATION**

- a. **Lighting the Appliance During Regular Use**  
Turn the wall switch to "ON".
- b. **Shutdown During Regular Use**  
Turn the wall switch to "OFF".
- c. **Long-term Shutdown**
  - 1) Turn all wall switches to "OFF".
  - 2) Turn the gas line to "CLOSED".
  - 3) To relight the appliance, see page 26.

**WARNING!**

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 under water.

**M. START-UP ISSUES**

Issues:	Possible Causes and Solutions:
1. Condensation on the glass.	1. This is a result of gas combustion and temperature variations. As the appliance warms up, this condensation should disappear.
2. Blue flames.	2. This is a result of normal operation and the flames will begin to yellow as the appliance is allowed to burn.
3. Odor from the appliance.	3. When first operated, this appliance may release an odor for the first several hours. This is caused by the curing of the paint and the burning off of any oils remaining from manufacturing.
4. Film on the glass.	4. This is a normal result of the curing process of the paint and logs. Glass should be cleaned within 4-6 hours of initial burning to remove deposits left by oils from the manufacturing process. A non-abrasive cleaner, such as Brasso may be necessary or consult your local dealer.

**WARNING!**

Never use gasoline, gasoline-type lantern fuel, kerosene, charcoal lighter fluid or similar liquids in this appliance. Keep any flammable liquids a safe distance from the appliance.

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## N. MAINTENANCE INSTRUCTIONS

### 1. CLEANING THE BURNER AND CONTROL COMPARTMENT

Keep the burner and control compartment clean by brushing and vacuuming at least once a year. Always turn off the wall switch (or remote control) and gas valve before cleaning.

### 2. CHECKING THE VENTING SYSTEM

The appliance and venting system should be inspected before use, and at least annually, by a qualified field service technician, to ensure that the flow of combustion and ventilation air is not obstructed.

### 3. CHECKING FLAME PATTERNS

Check the flame pattern of the burner periodically, making sure the flames are steady, not lifting or floating. See Figure 51. The flame color should be blue with yellow tips.

The thermopile and thermocouple (standing pilot) tips should be covered with flame. See Figure 52. If the appliance has an electronic ignition, the ignitor rod should be covered with the burner flame. See Figures 53-54.

If the vent configuration is installed incorrectly, the vent may cause the flames inside the appliance to lift or "ghost" - a dangerous situation. Inspect the flames after installation to ensure proper performance. See Figure 51. If the vent configuration is correct, yet the flames are lifting or ghosting, shut off gas to the appliance and contact the dealer.

**Note:** If the air shutter is open all the way and the flames remain sooty, shut off gas to the appliance and contact a qualified gas service technician.

To prevent the possibility of soot buildup, we have provided your appliance with an adjustable air shutter. Your air shutter is set at 1/4" open for natural gas and fully open for propane. In the event soot is accumulating in your appliance, the air shutter should be opened farther.

**Note:** The look of the flames and embers may differ based on the type of fuel and venting assembly that is used.

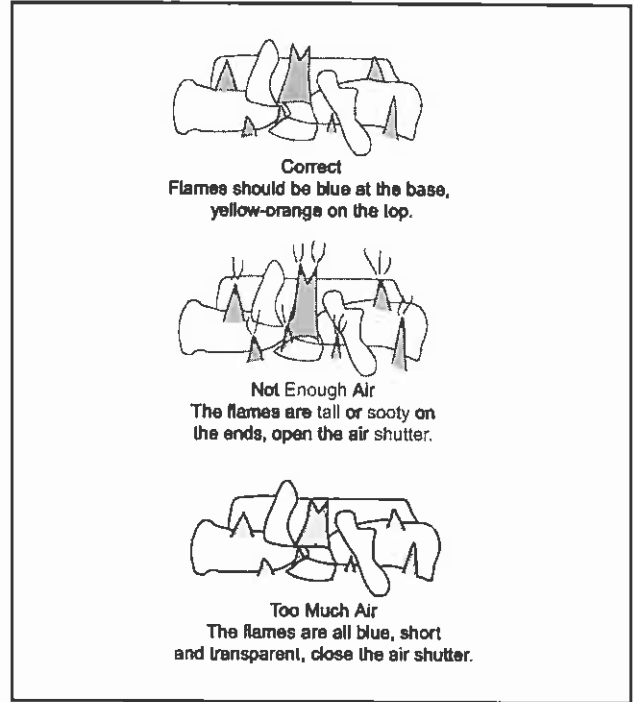


Figure 51 - Flame Patterns

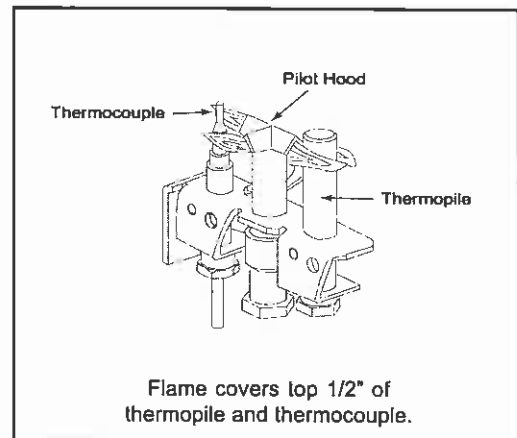


Figure 52  
Standing Pilot

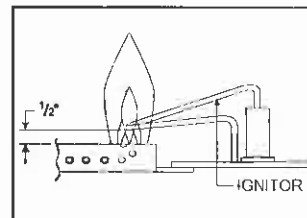


Figure 53

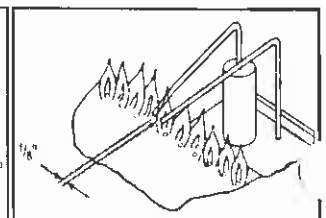


Figure 54

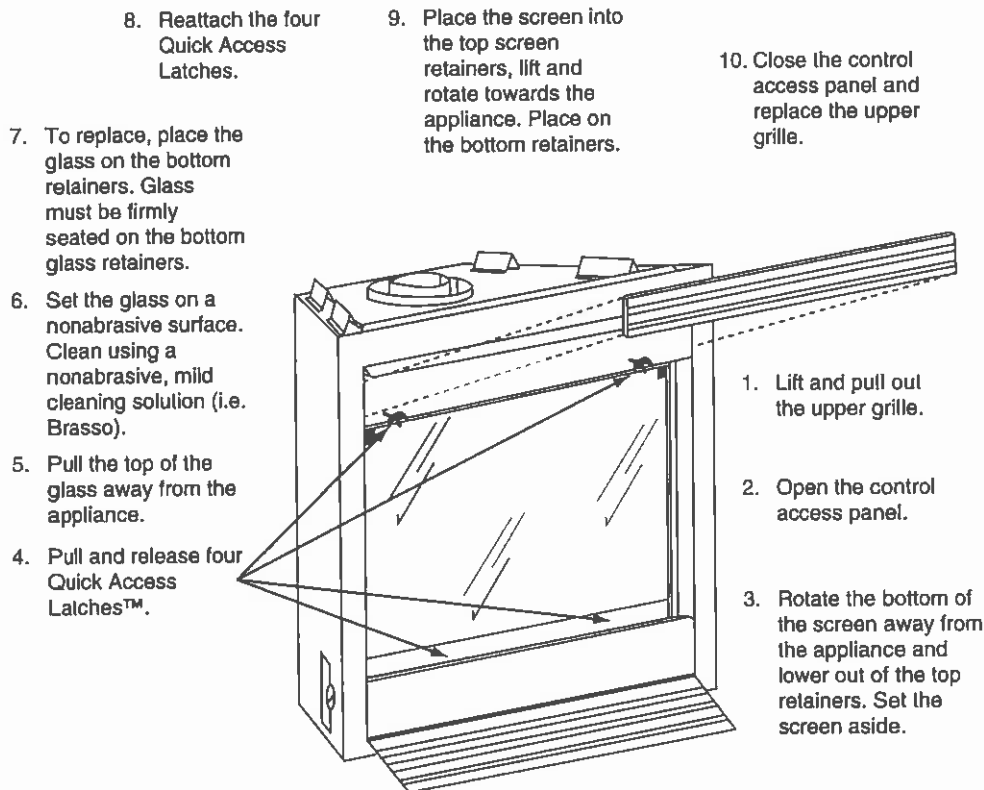
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**NOVUS SERIES INSTALLATION INSTRUCTIONS**

**CLEANING THE GLASS**

See Figure 55. Never operate this appliance without the glass properly secured in place or if the glass is broken. In the event of glass breakage, carefully remove the glass frame. This will allow the removal of all glass fragments and sheet metal edge protection strips. Vacuum all remaining glass pieces with a shop vac. **DO NOT VACUUM IF THE PIECES ARE HOT!**

Replace glass with only a Heatilator Glass Panel Assembly ordered through your local distributor. Never use substitute material.



**Figure 55 - Glass Cleaning**



**Figure 56 - Log Removal**

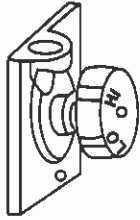
**5. LOG REMOVAL/REPLACEMENT**

If removal of the logs becomes necessary, remove two screws (one at each end of the grate assembly). See Figure 56. Grasp the grate assembly, pull forward and lift the grate assembly up and off the burner, pulling it out of the appliance.

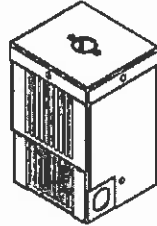
To replace the grate assembly, lower the grate assembly onto the burner and push back until the holes on the tabs line up with the holes on the hearth pan. Reinstall the two screws removed and secure in place.

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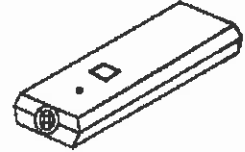
**O. OPTIONAL COMPONENTS—GNTC50**



**MF1**  
Adjustable Flame Control  
(Natural Gas Standing Pilot)  
**MF2**  
Adjustable Flame Control  
(Propane Gas Standing Pilot)



**BC10**  
Fan Motor Rheostat Control



**RC-SMART-HTL**  
Remote Control

**RC-ELEC-HTL**  
Remote Control  
(Electronic Ignition)

**RC-BATT-HTL**  
Battery-operated Remote  
Control (Standing Pilot)

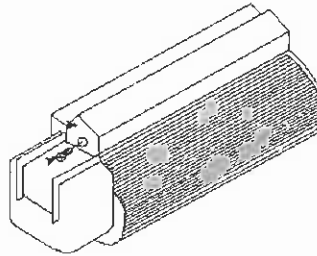
**RCT-MLT-HTL**  
Multi-Function  
Remote Control

**SMART-STAT-HTL**  
Remote Control with  
Thermostat Control

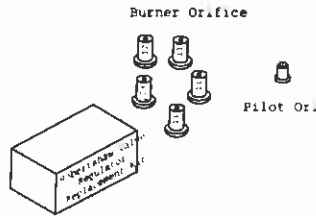
**SMART-BATT-HTL**  
Battery-operated Remote  
Control with Thermostat  
Control



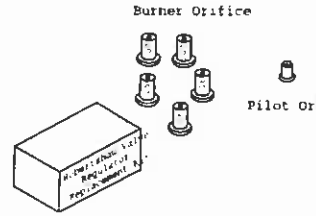
**WSK-MLT-HTL**  
Multi-Function Wall Switch



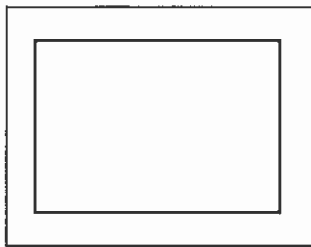
**FK4**  
Fan Kit



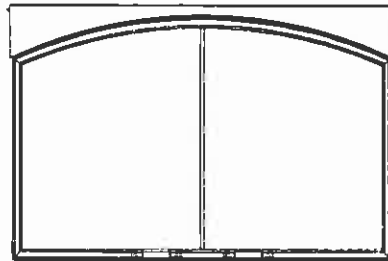
**CKVN**  
Conversion Kit



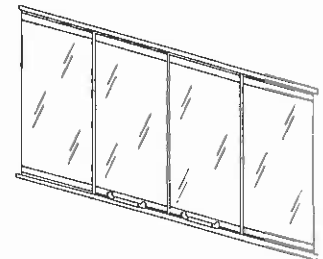
**CKVP**  
Conversion Kit



**GP33**  
Ceramic Glass - 33"



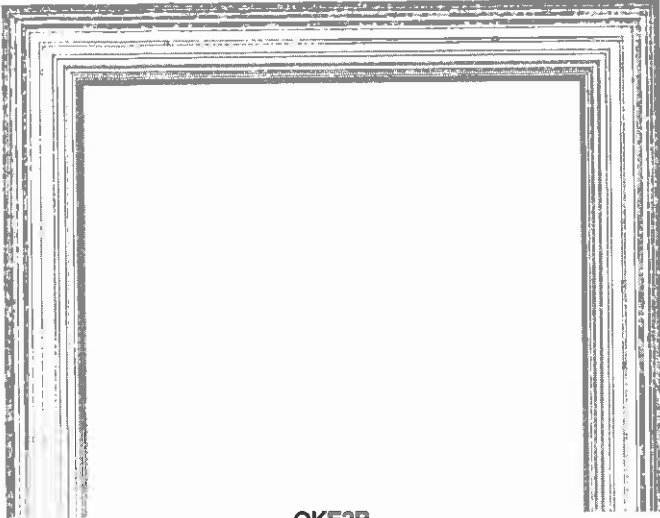
**DFA33**  
**DFA33B**  
**DFA33S**  
Arched Doors



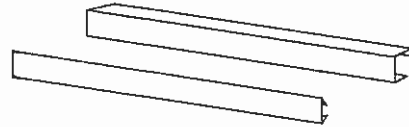
**DFN3B/S**  
Fixed Glass  
Door

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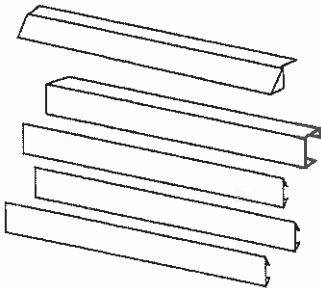
**OPTIONAL COMPONENTS—GNTC50 (con't)**



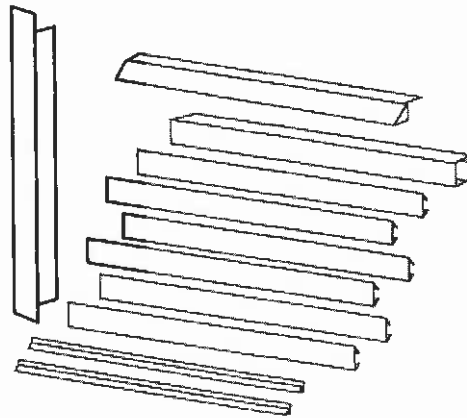
**QKE2B**  
Quick Tile Surround



**TKN35B/S**  
Trim Kits



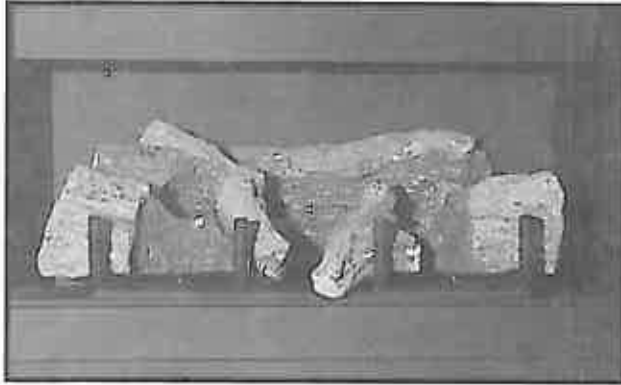
**TKN3B/S**  
Trim Kits



**TKN32S**  
Trim Kits

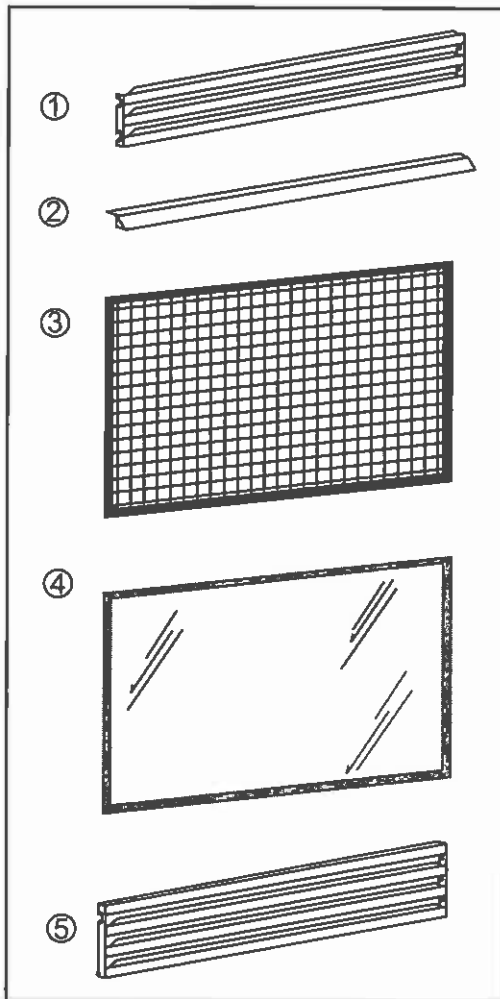
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**P. REPLACEMENT PARTS**



A

Item	Part #	Description	Qty
A	31663	Novus Log Set	1
1	22122	Upper Grille	1
2	21992	Hood	1
3	26803	Screen Assembly	1
4	22711	33" Glass Assembly	1
5	21581	Lower Grille	1
6	33858	Glass Latch (not shown)	4



Visit our Website at [www.heatilator.com](http://www.heatilator.com) for a dealer/distributor near you!

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## Gas Appliance (Fireplace) Limited Lifetime Warranty

HEARTH & HOME TECHNOLOGIES ("HHT") extends the following warranty for HEATILATOR® gas appliances installed in the United States of America or Canada (the "Appliance"). Dealers and employees of HHT have no authority to make any warranty or authorize any remedies in addition to or inconsistent with the terms of this warranty.

### Limited Lifetime Warranty

HHT warrants the Appliance for component failure due to a manufacturing defect of any of the following components: combustion chamber, burner pan, and logs. The Limited Lifetime Warranty specified above is subject to the conditions, exclusions and limitations listed below, is for the period the Appliance is owned by the original homeowner only, and is nontransferable.

### 1 Year Limited Warranty

HHT warrants the Appliance to be free from failure of any of the following components for a period of one year after installation: valve, flexible gas line connector, glass panel, fan, direct vent chimney components, factory paint, gasket, piezo ignitor, thermopile, thermocouple, junction box, pilot assembly, shutoff valve, high limit switch, refractory liners, transformer, and control box. If the Heatilator Appliance is found to be defective in either material or workmanship within one year of the date of original installation, HHT will provide replacement parts at no charge and pay reasonable labor and freight costs, and is for the period of one year following the date of original installation of the Appliance.

### Conditions, Exclusions, & Limitations of Liability

- A. Both the Limited Lifetime and 1 Year Limited Warranties supplied by HHT apply only while the Appliance is in its location of original installation. HHT's obligation under this warranty does not extend to damages resulting from (1) installation, operation or maintenance of the Appliance not in accordance with the Installation Instructions, Operating Instructions, and the Listing Agent Identification Label furnished with the Appliance; (2) installation which does not comply with local building codes; (3) shipping, improper handling, improper operation, abuse, misuse, accident or unworkmanlike repairs; (4) environmental conditions, inadequate ventilation or drafting caused by tight sealing construction of the structure, air handling devices such as exhaust fans or forced air furnaces, or other causes; (5) use of fuels other than those specified in the Operating Instructions; (6) installation or use of components not supplied with the Appliance or any other components not expressly authorized and approved by HHT; and/or (7) modification of the Appliance not expressly authorized and approved by HHT in writing. This warranty is limited to only the component parts manufactured or supplied by HHT.
- B. HHT's liability under both the Limited Lifetime Warranty and the 1 Year Limited Warranty is limited to the replacement and repair of defective components or workmanship during the applicable period. HHT may fully discharge all of its obligations under such warranties by repairing the defective component(s) or at HHT's discretion, providing replacement parts at no charge and paying reasonable labor and freight costs.
- C. **EXCEPT TO THE EXTENT PROVIDED BY LAW, HHT MAKES NO EXPRESS WARRANTIES OTHER THAN THE WARRANTY SPECIFIED HEREIN. THE DURATION OF ANY IMPLIED WARRANTY IS LIMITED TO DURATION OF THE WARRANTY SPECIFIED ABOVE.**
- D. Some states do not allow exclusions or limitations of incidental or consequential damages, so those limitations may not apply to you. This warranty gives you specific rights; you may also have other rights which vary from state to state.

### How to Obtain Service

To obtain service under this warranty you must:

1. Send written notice of the claimed condition to Heatilator Technical Service Department, Hearth & Home Technologies, 1915 W. Saunders Street, Mt. Pleasant, Iowa 52641-1563. You may also register your claim online at [www.heatilator.com/contact.asp](http://www.heatilator.com/contact.asp).
2. Provide proof of purchase, model number, serial number, and manufacturing date code to HHT.
3. Provide HHT reasonable opportunity to investigate the claim, including reasonable opportunity to inspect the Appliance prior to any repair or replacement work and before the Appliance or any component of the Appliance has been removed from the place of original installation.
4. Obtain HHT's consent to any warranty work before the work is done.

**ADDITIONAL INFORMATION.** If you would like information on current HEATILATOR products or want to locate a dealer in your area, call 1-800-843-2848.

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