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› Pleasant Hearth VFS2-PH30DT 30,000 BTU 32-inch Intermediate Gas Vent-Free Stove User Manual

Pleasant Hearth VFS2-PH30DT

Pleasant Hearth VFS2-PH30DT 30,000 BTU 32-inch Intermediate Gas Vent-Free Stove User Manual

Model: VFS2-PH30DT

1. PRODUCT OVERVIEW

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Pleasant Hearth VFS2-PH30DT 30,000 BTU 32-inch Intermediate Gas Vent-Free Stove. Please read all instructions carefully before use and retain this manual for future reference.

The Pleasant Hearth VFS2-PH30DT is a vent-free gas stove designed to provide supplemental heating. It features a dual burner system for a realistic flame appearance and operates on either Natural Gas (NG) or Liquid Propane (LP).



Image 1.1: Angled front view of the Pleasant Hearth VFS2-PH30DT vent-free gas stove, showcasing its black finish and the simulated log set with flames.

2. IMPORTANT SAFETY INFORMATION

WARNING: Improper installation, adjustment, alteration, service, or maintenance can cause injury or property damage. Refer to this manual. For assistance or additional information, consult a qualified installer, service agency, or the gas supplier.

CALIFORNIA PROPOSITION 65 WARNING:

This product and the fuels used to operate this product (LP or NG), and the products of combustion of such fuels, can expose you to chemicals including benzene, which is known to the State of California to cause cancer and reproductive harm. For more information, go to www.P65Warnings.ca.gov.

- Read all instructions before installing or using this appliance.
- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- Due to high temperatures, the appliance should be located out of traffic and away from furniture and draperies.
- Children and adults should be alerted to the hazards of high surface temperatures and should stay away to avoid burns or clothing ignition.

- Young children should be carefully supervised when they are in the same room as the appliance.
- Do not place clothing or other flammable material on or near the appliance.
- Installation and repair should be done by a qualified service person. The appliance should be inspected before use and at least annually by a professional service person. More frequent cleaning may be required due to excessive lint from carpeting, bedding material, etc. It is imperative that control compartments, burners, and circulating air passageways of the appliance be kept clean.

3. SETUP AND INSTALLATION

3.1 Unpacking and Assembly

Carefully remove all components from the packaging. Verify that all parts are present according to the packing list (not provided in this document, refer to your product packaging). Assembly is required. The stove is designed for straightforward assembly.



Image 3.1: Front view of the gas stove, showing the mesh screen and the simulated log set within the firebox.

3.2 Placement and Clearances

Select a suitable location for your stove, ensuring it is on a level, non-combustible surface. Observe the following minimum clearance requirements:

- Minimum clearance from wall: 5 inches

- Minimum clearance above stove: 36 inches

The stove is designed to heat approximately 1,000 square feet. Ensure the chosen location allows for proper heat distribution.



Image 3.2: The gas stove positioned in a room, demonstrating its compact size and how it integrates into a living space.

3.3 Gas Connection

This appliance is designed for use with either Natural Gas (NG) or Liquid Propane (LP). It is crucial to ensure the stove is configured for the correct fuel type before connection. Consult a qualified gas technician for installation and connection to your gas supply.

- For LP use, a 100-lb. tank or larger with a two-stage adjustable regulator is required. This regulator is typically available from your local gas company.
- Before initial lighting, the gas line must be bled to remove any air.
- Verify that the stove's internal settings match your gas supply type (NG or LP). Incorrect settings can lead to malfunction or safety hazards.

IMPORTANT: Check your local regulations on installation restrictions and requirements for vent-free gas appliances. Some regions may prohibit or restrict their use.



Image 3.3: Rear view of the gas stove, showing the gas inlet connection point and warning labels.

4. OPERATING INSTRUCTIONS

4.1 Lighting the Pilot Light

Locate the control knob, typically found behind the lower front panel. Follow the instructions printed on the appliance or in the full installation manual for lighting the pilot light. This usually involves pressing and holding the knob while igniting the pilot, then holding for a short period to allow the thermocouple to heat up.



Image 4.1: A detailed view of the control knob, showing settings from OFF/PILOT to 5, used for ignition and temperature adjustment.

4.2 Adjusting Heat Output

The stove features a built-in thermostat and a control knob with settings from 1 to 5. Once the pilot is lit, turn the control knob to your desired heat setting. The stove will automatically cycle on and off to maintain the set temperature.

- Setting 1-2: Lower heat output, flames may appear mostly blue.
- Setting 3-5: Higher heat output, flames will have a more prominent yellow appearance.

The dual burner system provides two rows of flames for a fuller fire appearance.



Image 4.2: A close-up view of the firebox, showing the ceramic logs and the active gas flames, illustrating the dual burner effect.

4.3 Shutting Down the Stove

To turn off the main burner, rotate the control knob to the "OFF" position. To completely shut down the appliance, including the pilot light, follow the specific instructions in your full installation manual, which typically involves turning the gas supply off at the source.

5. MAINTENANCE

Regular maintenance ensures safe and efficient operation of your gas stove.

5.1 Cleaning

- Ensure the stove is completely cool before cleaning.
- Wipe exterior surfaces with a soft, damp cloth. Do not use abrasive cleaners.
- Periodically vacuum the area around the burners and control compartment to remove dust and lint. Excessive lint from carpeting or bedding can affect performance.

5.2 Annual Inspection

It is recommended that the appliance be inspected and serviced by a qualified service person at least annually. This inspection should include:

- Verification of proper gas pressure.
- Cleaning of burners and pilot assembly.
- Inspection of gas connections for leaks.
- Checking for proper operation of the overheat sensor and thermostat.

6. TROUBLESHOOTING

This section addresses common issues you might encounter. For problems not listed here, contact a qualified service technician.

Problem	Possible Cause	Solution
Stove does not light or pilot light goes out.	No gas supply or gas valve closed. Air in gas line. Incorrect fuel type setting. Pilot light assembly dirty or faulty.	Ensure gas supply is open. Bleed gas line as per installation instructions. Verify stove is set for NG or LP correctly. Clean pilot assembly or contact service technician.
Control knob sticks or is difficult to turn.	Internal mechanism obstruction or wear.	Contact customer support or a qualified service technician for inspection and repair. Do not force the knob.
Control panel cover does not stay closed.	Weak or misaligned magnet/latch mechanism.	Inspect the magnet and latch. If a defect is present, contact customer support for potential replacement parts or guidance.
Smoke alarms activate during initial use.	Burn-off of manufacturing residues.	This is normal for the first few uses. Ensure adequate ventilation during this period. If alarms persist, consult a professional.

7. SPECIFICATIONS

Brand	Pleasant Hearth
Model Number	VFS2-PH30DT
Product Dimensions (D x W x H)	14.37" x 31.93" x 28.27"
Firebox Dimensions (D x W x H)	12.25" x 26.07" x 12.08"
Item Weight	78 Pounds
Material	Alloy Steel, Cast Iron
Color	Black
Heat Output	30,000 British Thermal Units (BTU)
Fuel Type	Natural Gas (NG) or Liquid Propane (LP)
Ventilation Type	Vent Free
Covered Space	Up to 1,000 sq. ft.
UPC	872076001508

8. WARRANTY AND SUPPORT

This product is covered by a manufacturer's warranty. For specific details regarding warranty coverage, terms, and conditions, please refer to the documentation included with your purchase or visit the official Pleasant Hearth website.

For technical assistance, troubleshooting not covered in this manual, or to inquire about replacement parts, please contact Pleasant Hearth customer support. Contact information can typically be found on the product packaging or the manufacturer's website.

Online resources and additional information may be available at the Pleasant Hearth Store on Amazon.