

City of Portland, Maine - Building or Use Permit Application

389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No: 09-0006	Issue Date:	CBL: 013 D008001
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Location of Construction: 19 ANDERSON ST	Owner Name: BERG ELIZABETH C	Owner Address: 19 ANDERSON ST	Phone:
Business Name:	Contractor Name: Frost N Flame	Contractor Address: 629 Main St. Gorham	Phone 2078567000
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	Zone: R-6

Past Use: 3 Unit Residential	Proposed Use: 3 Unit Residential - Install a Jotul GF200 DVII second floor	Permit Fee: \$50.00	Cost of Work: \$2,700.00	CEO District: 1
		FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied <i>See Conclusion</i>	INSPECTION: Use Group: R2 Type: SB IBC 2003 ST ME GAS Regs	

Proposed Project Description:
Install a Jotul GF200 DVII second floor

Signature: *Craig Cusack* Signature: *Jm 01/13/09*

PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)

Action: Approved Approved w/Conditions Denied

Signature: _____ Date: _____

Permit Taken By: ldobson	Date Applied For: 01/05/2009	Zoning Approval	
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- This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.
- Building permits do not include plumbing, septic or electrical work.
- Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work..

Special Zone or Reviews

Shoreland
 Wetland
 Flood Zone
 Subdivision
 Site Plan

Maj Minor MM

Date: *01/15/09*

Zoning Appeal

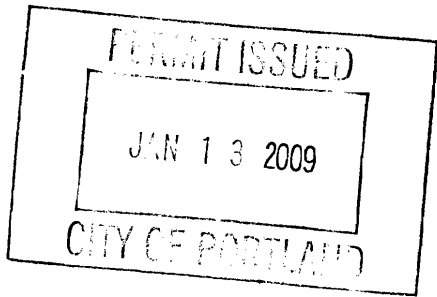
Variance
 Miscellaneous
 Conditional Use
 Interpretation
 Approved
 Denied

Date: _____

Historic Preservation

Not in District or Landmark
 Does Not Require Review
 Requires Review
 Approved
 Approved w/Conditions
 Denied

Date: _____



CERTIFICATION

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the application is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provision of the code(s) applicable to such permit.

SIGNATURE OF APPLICANT	ADDRESS	DATE	PHONE
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE		DATE	PHONE

BUILDING PERMIT INSPECTION PROCEDURES

Please call 874-8703 or 874-8693 (ONLY)

to schedule your inspections as agreed upon

Permits expire in 6 months, if the project is not started or ceases for 6 months.

The Owner or their designee is required to notify the inspections office for the following inspections and provide adequate notice. Notice must be called in 48-72 hours in advance in order to schedule an inspection:

By initializing at each inspection time, you are agreeing that you understand the inspection procedure and additional fees from a "Stop Work Order" and "Stop Work Order Release" will be incurred if the procedure is not followed as stated below.

A Pre-construction Meeting will take place upon receipt of your building permit.

 X **Final inspection required at completion of work.**

Certificate of Occupancy is not required for certain projects. Your inspector can advise you if your project requires a Certificate of Occupancy. All projects DO require a final inspection.

If any of the inspections do not occur, the project cannot go on to the next phase, REGARDLESS OF THE NOTICE OR CIRCUMSTANCES.

CERIFICATE OF OCCUPANICES MUST BE ISSUED AND PAID FOR, BEFORE THE SPACE MAY BE OCCUPIED.

Signature of Applicant/Designee
Thomas H. Manley

Signature of Inspections Official

Date
01/13/09

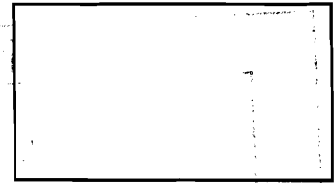
Date

Mailed



FILL IN AND SIGN WITH INK

APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT



To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

The undersigned hereby applies for a permit to install the following heating, cooking or power equipment in accordance with the Laws of Maine, the Building Code of the City of Portland, and the following specifications:

Location / CBL 19 Anderson St # 2 ¹³⁰⁸ Use of Building Meth Unit Date 1-5-09
 Name and address of owner of appliance Elizabeth C Berg 19 Anderson St #1
Portland Me 04101
 Installer's name and address same
Frost n Flame 956-1000 or 843 2876 Telephone 207-774-4508

Location of appliance:
 Basement Floor ^{2nd}
 Attic Roof

Type of Fuel:
 Gas Oil Solid
 # Ansiz21, 88-1900-
Appliance Name: Jotul GF 200 DV II (NFPA 54)
 U.L. Approved Yes No Lillehammer

Will appliance be installed in accordance with the manufacture's installation instructions? Yes No

IF NO Explain: _____
Bob Dodge

The Type of License of Installer:
 Master Plumber # _____
 Solid Fuel # _____
 Oil # _____
 Gas # PNT3736
 Other _____
caron.

Type of Chimney:
 Masonry Lined
 Factory built no chimney
direct vent thru wall
 Metal
 Factory Built U.L. Listing # _____
 Direct Vent
 Type Selkirk pipe UL# 13LL

Type of Fuel Tank
 Oil n/a
 Gas 2

Size of Tank n/a

Number of Tanks n/a

Distance from Tank to Center of Flame n/a feet.

Cost of Work: \$ 2700-
Permit Fee: \$ 50

Approved

Approved with Conditions

Fire: _____
 Ele.: _____
 Bldg.: _____

See attached letter or requirement

Inspector's Signature

Date Approved

Signature of Installer

Elizabeth C Berg

White - Inspection

Yellow - File

Pink - Applicant's

Gold - Assessor's Copy

City of Portland, Maine - Building or Use Permit

389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No: 09-0006	Date Applied For: 01/05/2009	CBL: 013 D008001
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Location of Construction: 19 ANDERSON ST	Owner Name: BERG ELIZABETH C	Owner Address: 19 ANDERSON ST	Phone:
Business Name:	Contractor Name: Frost N Flame	Contractor Address: 629 Main St. Gorham	Phone (207) 856-7000
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	

Proposed Use: 3 Unit Residential - Install a Jotul GF200 DVII second floor	Proposed Project Description: Install a Jotul GF200 DVII second floor
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Dept: Zoning	Status: Approved	Reviewer: Marge Schmuckal	Approval Date: 01/05/2009	Note:	Ok to Issue: <input checked="" type="checkbox"/>
Dept: Building	Status: Approved with Conditions	Reviewer: Tom Markley	Approval Date: 01/13/2009	Note:	Ok to Issue: <input checked="" type="checkbox"/>
<ol style="list-style-type: none"> 1) The installation must comply with the State of Maine Gas Regulations. 2) Application approval based upon information provided by applicant. Any deviation from approved plans requires separate review and approval prior to work. 					
Dept: Fire	Status: Approved with Conditions	Reviewer: Capt Greg Cass	Approval Date: 01/12/2009	Note:	Ok to Issue: <input checked="" type="checkbox"/>
<ol style="list-style-type: none"> 1) Install shall comply with all manufacture's specifications. 					

Stove and Vent Clearance Requirements

Minimum Clearances from the Stove to Combustibles:
 Measured from the stove top plate. See figs. 2-4.

For Both Stoves

- Rear: 0" (0 mm)
- Ceiling: 42" (1066 mm)
- Corner: 2" (50 mm)
- Sides: 3" (76 mm)

Minimum Clearances between Vent Pipe and Combustible Materials:

Horizontal Run:

- Off the top of the pipe 2" (50 mm)
- Off the sides and bottom 1" (25 mm)

Vertical Run:

- All sides 1" (25 mm)

Alcove Installation

- Maximum Alcove Depth: 24" (610 mm)
- Minimum Alcove Width: 34" (864 mm)
- Minimum Ceiling Height from stove top: 42" (1066 mm)

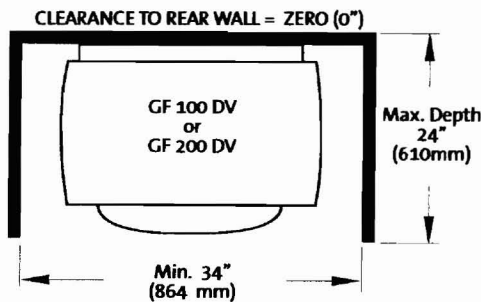
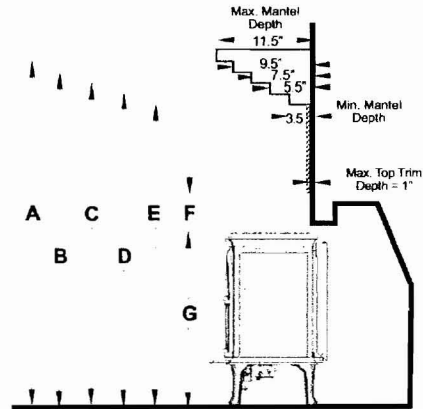
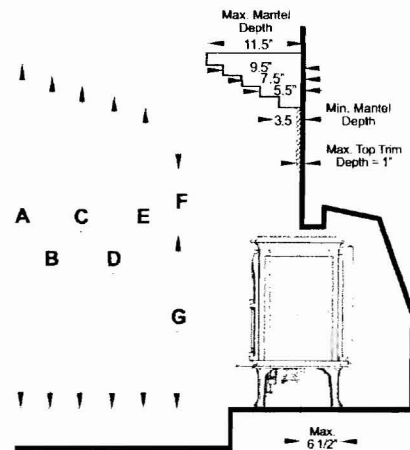


Figure 2. Alcove Installation Clearances.



	GF 100 DV II Nordic QT	GF 200 DV II Lillehammer
A	50 in. (1270 mm)	52 1/2 in. (1333 mm)
B	48 1/2 in. (1232 mm)	51 in. (1295 mm)
C	47 in. (1194 mm)	49 1/2 in. (1257 mm)
D	45 1/2 in. (1156 mm)	48 in. (1219 mm)
E	44 in. (1118 mm)	46 1/2 in. (1181 mm)
F	4 1/4 in. (108 mm)	4 1/4 in. (108 mm)
G	22 1/4 in. (565 mm)	24 3/4 in. (629 mm) Plinth Kit: 23 3/4 in. (603 mm) Long Legs: 27 in. (686 mm)

Figure 3. Mantel Clearances - stove flush with fireplace face.



	GF 100 DV II Nordic QT	GF 200 DV II Lillehammer
A	49 in. (1245 mm)	51 1/2 in. (1308 mm)
B	47 1/2 in. (1206 mm)	50 in. (1270 mm)
C	46 in. (1168 mm)	48 1/2 in. (1232 mm)
D	44 1/2 in. (1130 mm)	47 in. (1194 mm)
E	43 in. (1092 mm)	45 1/2 in. (1156 mm)
F	17 3/4 in. (451 mm)	17 3/4 in. (451 mm)
G	22 1/4 in. (565 mm)	24 3/4 in. (629 mm) Plinth Kit: 23 3/4 in. (603 mm) Long Legs: 27 in. (686 mm)

Figure 4. Mantel Clearances - stove set back into fireplace, 6 1/2" maximum.

Justin Aaron Bruce

Checklist - Windows Internet Explorer

http://www.jotul.com/en-us/wwwjotulus/Main-menu/Information-and-good-e Jotul GF DV Lillehammer UL

File Edit View Favorites Tools Help

Checklist

Page Tools

Cast Iron

Radiated-/Convected heat

Chimneys and draft conditions

Efficiency and Heat output

Clean Burn

Jøtul Warranty

Installation

Old Jøtul products

The ability of one of our stoves to heat your home depends on many different factors such as; how large your home is, what the R-value of your home is, where the stove will be placed, what sort of floor plan you have, how cold the climate is in your area, what type and quality of wood you burn, and what size Jotul you're looking at. Each of our heaters refers to a heating capacity in square feet. This figure is given for an average home in a moderate climate with an open floor plan. You will have to adjust up or down depending on your individual situation. Your Jotul dealer should be able to help you with this.

- **Are Jøtul products listed with the UL?**
All current Jotul woodstoves are safety tested and listed to UL standards by Intertek Testing Services (ITS). All current Jotul gas products are tested and listed to ANSI standards by Intertek Testing Services, and approved by the Massachusetts Plumbers and Gas Fitters. Our Direct vent gas products are also listed to the CAN/CGA standards in Canada, the P.4.1 in British Columbia, and the California Energy Commission.
- **How important is a good draft?**
Draft is a force that exists in a properly designed and functioning chimney system. It pulls air into the combustion chamber and expels smoke and combustion gases from the appliance. The ability for draft to exist depends on many factors: chimney location and height, elbows, horizontal runs, flue size, house construction, house pressurization as well as atmospheric and environmental conditions.
- **Do I need to have anything under the stove**
Floor protection under the stove, must be constructed of a non-combustible material for protection from radiant heat, sparks, and embers. Individual sections of floor protection must be mortared together to prevent sparks from falling through to combustible materials. Any carpeting must be removed from under the floor protection.

Internet 100%

Start 3 Novell Gr... Urban Insig... Checklist - ... Adobe - Sea... http://www... http://www... 9:48 AM

2006

Jøtul GF 200 DV II Lillehammer Specifications

Input Rates

Natural Gas

20,000 BTU/hr. maximum input
11,400 BTU/hr. minimum input

Propane

18,000 BTU/hr. maximum input
8,450 BTU/hr. minimum input

Inlet Pressure:	MIN	MAX
Natural Gas:	5.0 WC (1.24 kPa)	7.0 WC (1.74 kPa)
Propane:	12.0 WC (2.98 kPa)	14.6 WC (3.63 kPa)
Manifold Pressure:	MIN	MAX
Natural Gas:	1.2 WC (0.29 kPa)	3.8 WC (0.94 kPa)
Propane:	2.9 WC (0.72 kPa)	11.0 WC (2.74 kPa)

Piezo Ignitor / Standing Pilot

Weight: 180 lbs.

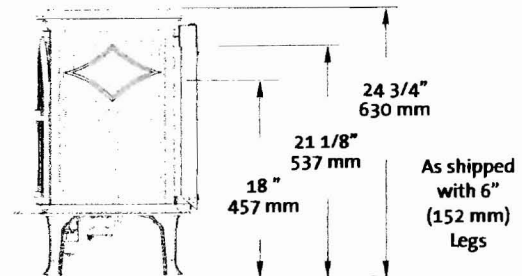
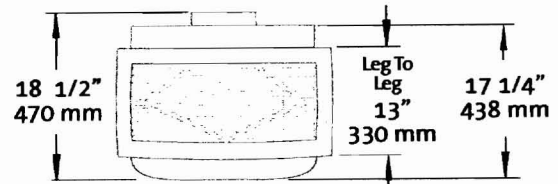
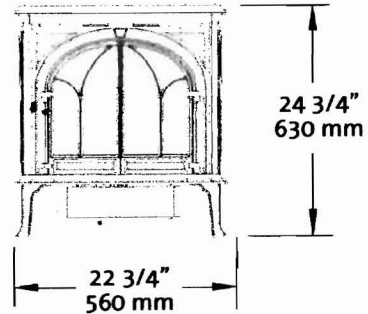
The Jøtul GF 200 DV II Lillehammer is a Direct Vent gas heater designed as a sealed combustion, air circulating gas appliance for residential applications. This appliance is approved for installation using 6 5/8" X 4" vent pipe from the following manufacturers:

- Simpson Dura-Vent GS
- Security Vent, Ltd.
- Amerivent Inc.
- Selkirk Metalbestos

The Jøtul GF 200 DV II Lillehammer gas stove is designed to burn NATURAL GAS or PROPANE only. It is shipped from the factory equipped to burn Natural Gas. If use with Propane is desired, the stove must first be converted for use with that gas. Use the LP Fuel Conversion Kit 155626 included with this stove See page 14 for instructions.

GF 200 DV II Miscellaneous Kit Contents

- Fuel Conversion Kit - LP 155626
- Rear Air Intake Restrictor Plate, Black -22111092
or Jøtul Iron - 22111085
- Side Air Intake Restrictor Plates, (2) 22099192
or Jøtul Iron - 22099185
- Decorative Wall Shield, Black 22092692
or Jøtul Iron 22092692



Height Dimensions with Optional Legs

Plinth Kit - subtract 1" (25 mm)
Long Legs - add 2 1/4" (57 mm)

GF 200 DV II Accessories

- Fuel Conversion Kit - NG 155627
- High Altitude Adjustment Kit - NG 155808
- High Altitude Adjustment Kit - LP 155809
- Blower Kit 155631
- Antique Brick Kit 155815
- Wall Thermostat 750003
- Remote Control 129706
- Mobile Home Floor Bracket Kit GF 200 DV II (6") / 154923
..... for Long Legs (8") / 750304
..... for Plinth Kit / 154342
- Long Leg Kits Matte Black / 154929
..... Blue Black / 154930
..... Forest Green / 154931
..... Ivory / 154932
..... Jøtul Iron / 155366
- Plinth Kits Matte Black / 350081
..... Blue Black / 350082
..... Ivory / 350083
..... Forest Green / 350084
..... Jøtul Iron / 350085

013-D-008
Margefile

City of Portland, Maine
Memorandum

To: Marge Schmuckal, Zoning Administrator
From: Mary P. Davis, Loan Officer *Mary P. Davis*
Subject: Verification of Legal Number of Units
Date: 03/26/99

C-B-L- Number: 13-D-8

We have received an application for housing assistance for the property located at:

19 Anderson Street

The applicant's name is: Mariah Gaughan

(current owner: James Guidi)

In completing the application the applicant has indicated that the number of units currently in use at this property is 3.

Please verify that the number of units are legal under the current code.

Yes, the number of units are legal.

No, the number of units do not coincide with City records or the Land Use Code. According to City records the legal number of units for this property is _____.

The property is a single family dwelling.

#99-0247
See Attached
Needs final copy

Verified By: *Marge Schmuckal* Title: *Zoning Admin*
3/29/99

621 Main St.
Gorham, ME 04038
856-1000 856-7000

889 Roosevelt Trail
N. Windham, ME 04062
896-3483 893-2876

Fax 856-1164

To ELIZABETH BERG
19 ANDERSON STREET Town: PORTLAND
State: ME Zip Code: 04101

Directions:

GO DOWN CUMBERLAND AVE IN PORTLAND PNT 3736
CROSS FRANKLIN ARTERIAL TO @ ON ANDERSON
4TH STREET ON @ #19 GREEN VICTORIAN BOB

1-9

DATE OF ORDER <u>11/10/08</u>	ORDER TAKEN BY <u>BRUCE (W)</u>
CONTRACTOR	
PHONE #	FAX # <u>774-4508</u>
MAILING ADDRESS OR E-MAIL	

QTY.	MATERIALS	PRICE	AMOUNT	DESCRIPTION OF WORK / LOCATION
	<u>GAS STOVE</u>			<u>2ND FLOOR INSTALL</u> (50')
<u>1</u>	<u>TOTAL GF 300 DV IT</u>		<u>SALL</u>	
	<u>WHITE BLACK #350830</u>			
	<u>REG 1690</u>	<u>1605</u>	<u>00</u>	
<u>1</u>	<u>BLOWER KIT #155631</u>		<u>253</u>	<u>00</u>
<u>1</u>	<u>THROUGH THE WALL VENT</u>		<u>395</u>	<u>00</u>
	<u>MATERIALS</u>			
<u>1</u>	<u>4DTAA APPLIANCE ADAPTER</u>			
<u>1</u>	<u>940 WALL THIMBLE COVER</u>			
<u>1</u>	<u>941 WALL THIMBLE</u>			
<u>1</u>	<u>4DTHC HORIZONTAL CAP</u>			
<u>1</u>	<u>4DTADSB 12" ADJUSTABLE BLACK</u>			
				GAS LINE INSTALLATION QUOTE
				COST OF ANY PROPANE NOT INCLUDED
				<u>NATURAL GAS</u>
				<u>BY OTHERS</u>
				GAS LINE MATERIALS
				GAS LINE LABOR
				REGULATOR & GAS TANK PROPERTY OF WEBBER ENERGY
				LABOR HRS. RATE AMOUNT
				<u>DELIVER/SETUP</u> 395 00
				<u>INSTALL UNIT</u>
				<u>INSTALL VENTING</u>
				COST OF PERMIT IF REQUIRED
				SHIPPING COST
				JOB LABOR 395 00
				MATERIALS 2253 00
				MATERIALS FOR GAS LINE
				GAS LINE LABOR
				TAX 112 07
				TOTAL 2761 17
				- SITE INSPECTION -
				BALANCE DUE

20% Restocking Fee for ANY returned or cancelled materials!

I, the customer, have read the back of this contract for terms & conditions of sale, and have signed the back page.

Work ordered by Elizabeth Berg
Signature Elizabeth Berg 11/10/08
I hereby acknowledge the satisfactory completion of the above described work.

ANY PERMITS REQUIRED ARE CUSTOMER'S RESPONSIBILITY

50% DEPOSIT TO ORDER: \$1380.00 (PCC/BW12)
BALANCE DUE UPON INSTALLATION: \$1381.17

Thank You

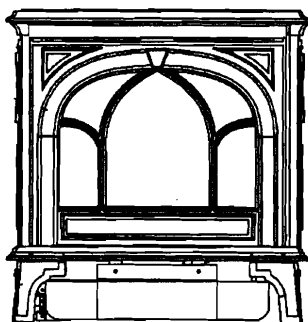
BALANCE DUE	
--------------------	--

ESTIMATE GOOD FOR _____ DAYS

(Customer Required to Sign Back of Contract)



GF 200 DV Lillehammer Gas Heater



Installation
and
Operation
Instructions



WARNING:

IF THE INFORMATION IN THESE INSTRUCTIONS ARE NOT FOLLOWED EXACTLY, A FIRE OR EXPLOSION MAY RESULT CAUSING PROPERTY DAMAGE, PERSONAL INJURY OR LOSS OF LIFE.

FOR YOUR SAFETY:

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

INSTALLATION:

INSTALLATION AND SERVICE MUST BE PERFORMED BY A QUALIFIED INSTALLER, SERVICE AGENCY OR LICENSED GAS SUPPLIER.

WHAT TO DO IF YOU SMELL GAS:

- **DO NOT TRY TO LIGHT ANY APPLIANCE.**
- **DO NOT TOUCH ANY ELECTRICAL SWITCHES.**
- **DO NOT USE THE PHONE IN YOUR BUILDING. IMMEDIATELY CALL YOUR GAS SUPPLIER FROM A NEIGHBOR'S PHONE.**
- **FOLLOW YOUR GAS SUPPLIER'S INSTRUCTIONS.**
- **IF YOU CANNOT REACH YOUR GAS SUPPLIER, CALL THE FIRE DEPARTMENT.**

AVERTISSEMENT:

ASSUREZ-VOUS DE BIEN SUIVRE LES INSTRUCTIONS DANS CETTE NOTICE POUR REDUIRE AU MINIMUM LE RISQUE D'INCENDIE OU POUR EVITER TOUT DOMMAGE MATERIEL, TOUTE BLESSURE OU MORTALITE'.

NE PAS ENTREPOSER NI UTILISER D'ESSENCE NI OU LIQUIDES INFLAMMABLES DANS LE VOISINAGE DE CET APPAREIL OU DE TOUT AUTRE APPAREIL.

L'INSTALLATION LE SERVICE DOIVENT ETRE EXECUTES PAR UN INSTALLATEUR QUALIFIE, AGENCE DE SERVICE OU LE FOURNISSEUR DE GAZ.

QUE FAIRE SI VOUS SENTEZ UNE ODEUR DE GAZ.

- **NE PAS TENTER D'ALLUMER L'APPAREIL**
- **NE TOUCHEZ A AUCUN INTERRUPTEUR.**
- **NE PAS VOUS SERVIR DES TELEPHONES SE TROUVANT DANS LE BATIMENT OU VOUS VOUS TROUVEZ.**
- **APPELEZ IMMEDIATEMENT VOTRE FOURNISSEUR DE GAZ CHEZ UN VOISIN. SUIVEZ LES INSTRUCTIONS DU FOURNISSEUR.**
- **SI VOUS NE POUVEZ REJOINDRE LE FOURNISSEUR DE GAZ, APPELEZ LE SERVICE DES INCENDIES.**

Jøtul GF 200 Lillehammer Direct Vent Gas Heater

Manufactured and Distributed by:
Jøtul A.S.A.
Fredrikstad, Norway
Jøtul North America
Portland, Maine

Test Standards

This appliance complies with National Safety standards and is tested and listed by Intertek Testing Services of

Middleton, Wisconsin to ANSI Z21.88-1998 (NFPA 54) and CSA 2.33-M98 for Canada.

DO NOT ATTEMPT TO ALTER OR MODIFY THE CONSTRUCTION OF THE APPLIANCE OR ITS COMPONENTS. ANY MODIFICATION OR ALTERATION WILL VOID THE WARRANTY, CERTIFICATION AND LISTING OF THIS APPLIANCE.



Suggested Tools for Installation and Service

- External regulator (for Propane only)
- Piping which complies with local code
- Manual shutoff valve - **T-Handle in MA**
- Sediment trap - if required by code
- Tee joint
- Pipe wrench
- Pipe sealant
- 10mm open end wrench
- 1/2", 7/16" open end wrench
- Phillips head screwdriver
- Flat head screwdriver
- 1/4" nut driver
- Gloves
- Safety glasses
- Torx T20 screwdriver
- Leak test solution
- Reciprocating Saw
- Power Drill

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THIS PRODUCT MUST BE INSTALLED BY A LICENSED MASTER PLUMBER OR GAS-FITTER WHEN INSTALLED IN THE COMMONWEALTH OF MASSACHUSETTS.

General Information

- **THIS HEATER MUST BE INSTALLED AND MAINTAINED BY A QUALIFIED SERVICE AGENCY.**
- **THIS APPLIANCE MUST NOT BE CONNECTED TO A CHIMNEY OR FLUE SERVING ANY OTHER APPLIANCE.**
- The installation and repair of this appliance must be done by a qualified service person. Failure to properly install and maintain this heater could result in an unsafe or hazardous installation, which may result in a fire, explosion, property damage, personal injury or loss of life.
- This appliance should be inspected before use and at least annually. 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.
- The installation must conform to local codes. Your local Jøtul dealer can assist you in determining what is required in your area for a safe and legal installation. Some areas require a permit to install a gas burning appliance. Always consult your local building inspector, or authority having jurisdiction, to determine what regulations apply in your area.
- **REMEMBER:** Your local officials have final authority in determining if a proposed installation is acceptable. Any requirement that is requested by the local authority having jurisdiction, that is not specifically addressed in THIS manual, defaults to local code. In the absence of local codes, the installation requirements must comply with the current National codes. In the U.S., these requirements are established in the National Fuel Code, ANSI Z223.1.(NFPA 54). In Canada, the codes have been established in CAN/CGA B149 Fuel Installation Code.
- Installer l'appareil selon les codes ou règlements locaux, ou, en l'absence de tels règlements, selon les Codes d'installation CAN/CGA-B149.
- **DO NOT OPERATE THIS STOVE IF ANY PART HAS BEEN UNDER WATER.** Call a qualified service technician to inspect the heater and to replace any part of the control system and any gas control which may have been under water.
- Ne pas se servir de cet appareil s'il a été plongé dans l'eau, complètement ou en partie. Appeler un technicien qualifié pour inspecter l'appareil et remplacer toute partie du système de contrôle et toute commande qui ont été plongés dans l'eau.

Glass Panel

DO NOT OPERATE THE LILLEHAMMER GAS STOVE WITH THE GLASS FRONT REMOVED, CRACKED OR BROKEN. REPLACEMENT OF THE GLASS SHOULD BE DONE BY A LICENSED OR QUALIFIED SERVICE PERSON. ONLY REMOVE GLASS FOR ROUTINE SERVICE. ALWAYS HANDLE GLASS CAREFULLY.

SEE THE MAINTENANCE CHAPTER FOR INSTRUCTIONS ON REPLACING THE GLASS PANEL.

Clearance to Combustibles

Minimum Stove Clearance

Rear	0"	(0mm)
Ceiling	17"	(432mm)
Corner	2"	(51mm)
Right Side	2"	(51mm)
Left Side	*10"	(255mm)

* Necessary for complete access to pull out required Lighting Instructions Plate.

Minimum Vent Pipe Clearance

Horizontal runs:

Off the top of the pipe -	2"	(26mm)
Off the sides and bottom -	1"	(26mm)

Vertical runs:

All sides -	1"	(26mm)
-------------	----	--------

See Figures 4 and 5.

Mantel and Trim Clearances

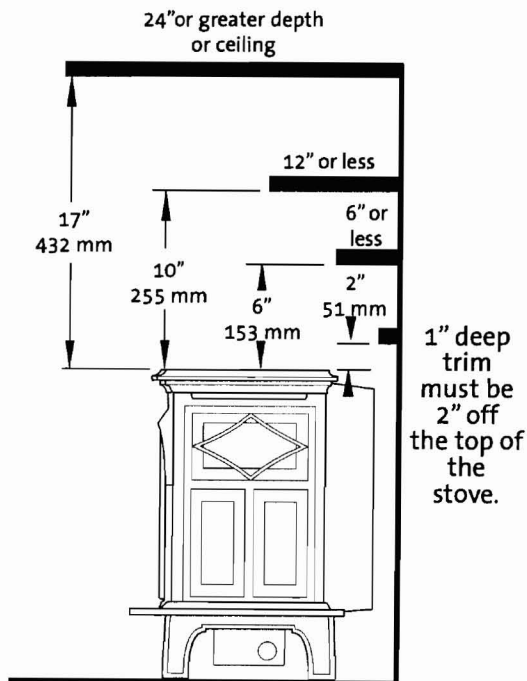
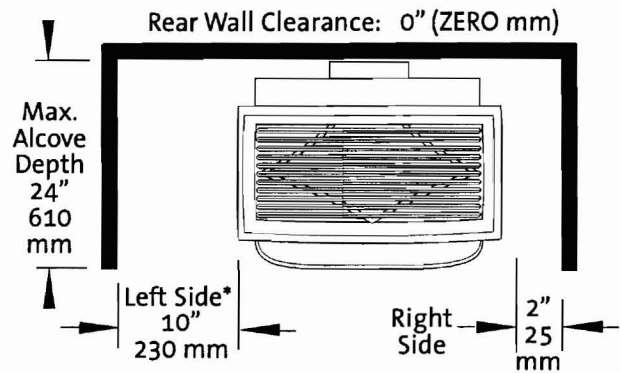


Figure 3. Mantel / Trim Clearances

Parallel Installation



* Allow 10" on left side of the appliance for complete access to the lighting instructions and control valve.

Figure 4. Clearances with stove parallel to the walls

Alcove Installation

Maximum Depth:	24"	(610mm)
Minimum Width:	35"	(890mm)
Minimum Ceiling Height:	42"	(1067mm)

Corner Installation

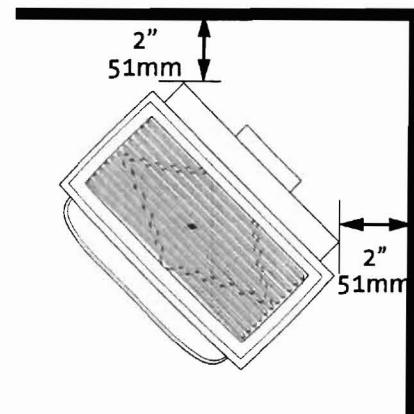
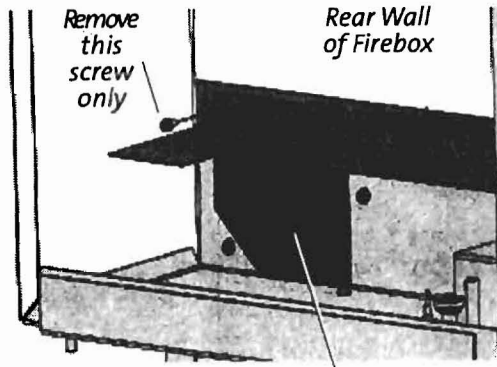


Figure 5. Clearance to rear corners.



Air Intake Restrictor Plate

Figure 7. Install the Air Inlet Restrictor Plate.

Vertical Venting Requirements

These requirements apply to any installation that includes a vertical vent run.

The GF 200 DV Lillehammer can be vertically vented through a roof or ceiling following these guidelines:

- Steep roofs, nearby trees, and predominantly windy conditions can contribute to poor draft or down-draft occurrences. Increasing the height of the vent may alleviate these conditions.
- Use Simpson Dura-Vent Wall Straps (#988) to support an offset pipe run at three feet intervals to avoid excessive stress on the offsets.
- Whenever possible use 45° elbows instead of 90° elbows as they are less restrictive to exhaust gas and intake air flow.
- **GAS VENT RULE:** In no case shall any discharge opening on the cap be less than 2' (610mm) horizontally from the roof surface. See Figure 11.
- A firestop is required at every floor. The opening should be framed to 10" X 10" inside dimension. **Simpson Dura-Vent Ceiling Firestop #943 is required.**
- Any venting that is exposed above the first floor, regardless of attic space or living space, must be enclosed. Always maintain the required 1" clearance from all sides of the vertical vent system.
- **Install the Exhaust Gas Restrictor in all Vertically Terminated vent systems.** See the Adding Restriction section on page 8.
- A vertical run in any horizontally-terminated system must rise a minimum of 1 ft. See Fig. 12-5.

VERTICAL VENTING, OR ANY HORIZONTAL VENTING WITH VERTICAL RISE, MUST TERMINATE (END) WITHIN THE SHADED AREA.

- RESTRICTOR REQUIRED ON ALL VERTICAL VENTING.
- ALWAYS MAINTAIN THE PROPER CLEARANCES TO COMBUSTIBLES.

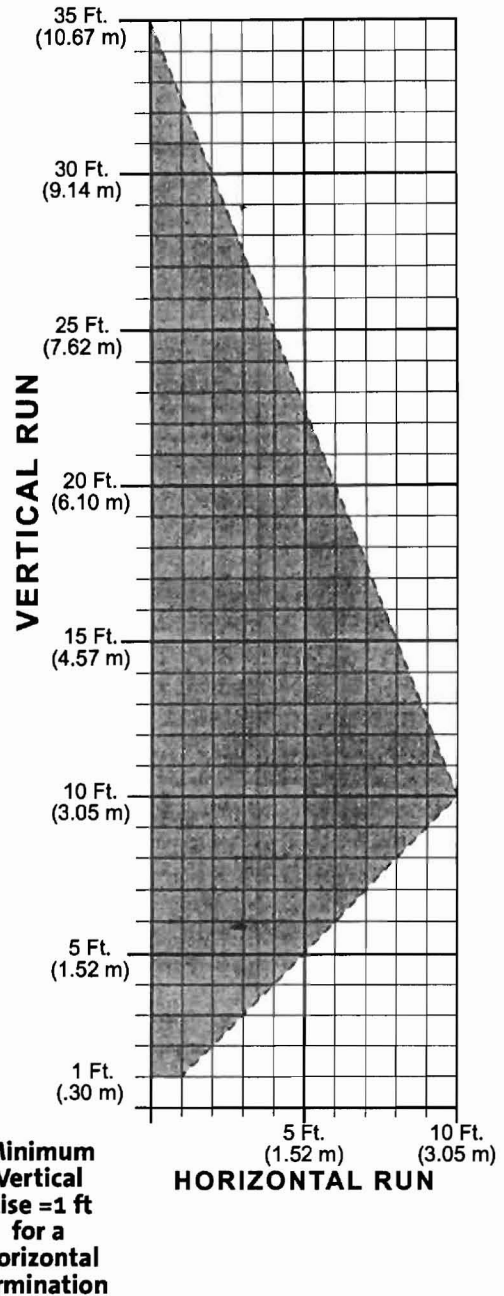


Table 1. Vertical vent run Termination Window.

Masonry or Prefabricated Chimney Conversion

The GF200 DV Lillehammer is approved for use with Simpson Dura-vent Chimney Kit #934 in a masonry chimney or a prefabricated solid fuel listed chimney. These installation requirements must be followed:

1. In masonry chimney, a fireclay liner or listed steel liner, must be present the entire length of the chimney.
2. The liner must have an inside dimension of 6" round or greater. (USE KIT #934)
3. Prefabricated chimneys must be UL 103 or ULC S-629 listed and have a minimum INSIDE diameter of 6 inches, (150 mm). Prefabricated chimneys must be listed for the specific Simpson Dura-Vent Chimney Conversion Kit. (USE KIT #931, #932, or #933)
4. The Exhaust Restrictor plate, shipped with the stove, must be installed according to the instructions on page 8.

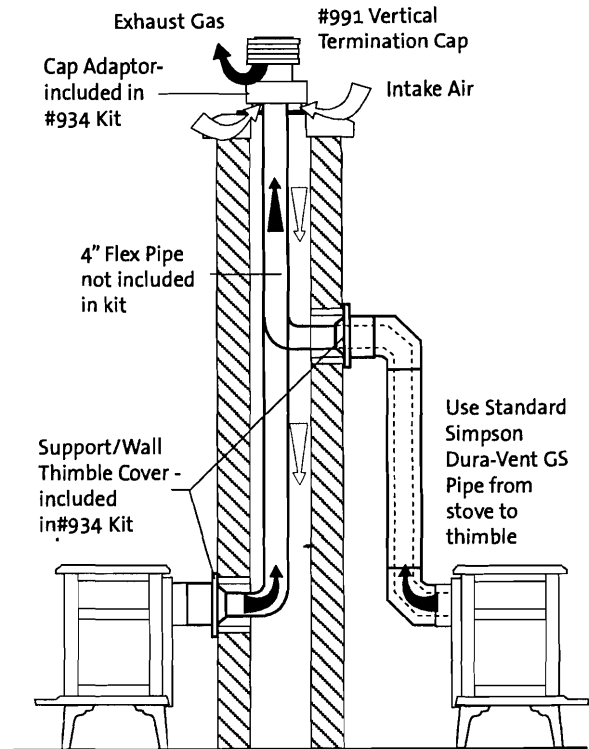


Figure 10. Vent System through a masonry chimney using the Simpson Dura-Vent Chimney Conversion Kit #934. May also be used in listed prefabricated chimneys. Drawing is for illustrative purposes only - **DO NOT VENT TWO APPLIANCES INTO A SINGLE CHIMNEY.**

IMPORTANT NOTICE

THE USE OF AN EXISTING CHIMNEY AS AN AIR INTAKE IS NOT COVERED UNDER THE ANSI Z21.88-1999-CSA 2.33-M99 TEST METHODS AND RESULTING ITS/WHI PRODUCT CERTIFICATION. THE CODE AUTHORITY HAVING JURISDICTION MUST BE CONSULTED PRIOR TO PROCEEDING WITH THIS INSTALLATION METHOD.

WARNING:

FAILURE TO POSITION THE PARTS AND STOVE IN ACCORDANCE WITH THESE DIAGRAMS OR FAILURE TO USE ONLY PARTS SPECIFICALLY APPROVED WITH THIS APPLIANCE MAY RESULT IN PROPERTY DAMAGE OR PERSONAL INJURY. BE SURE TO MAINTAIN THE PROPER CLEARANCES TO COMBUSTIBLES AS DEFINED IN THIS MANUAL AND IN THE INSTRUCTIONS PROVIDED WITH EACH SIMPSON DURA-VENT COMPONENT.

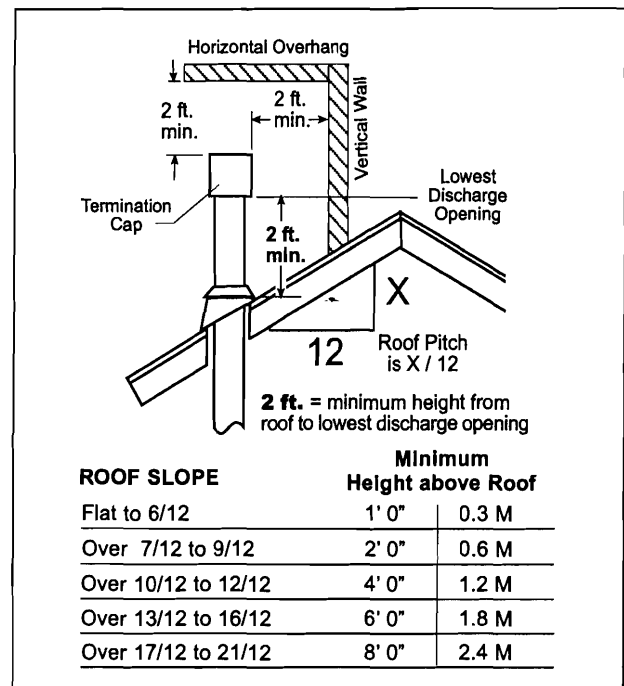


Figure 11. Gas Vent Height Rule: Vertical vent termination height above roof.

OPTION # 4

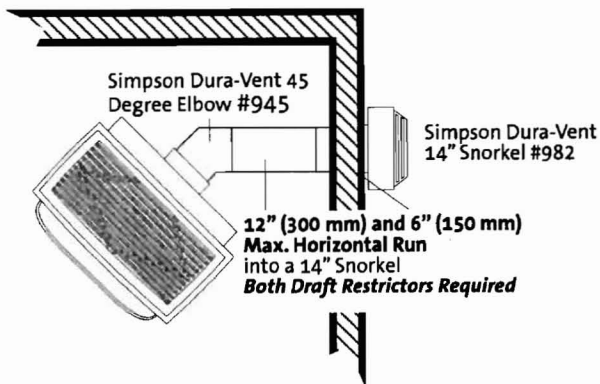


Figure 12-4. Maximum horizontal run with single elbow to a snorkel termination.

OPTION # 5

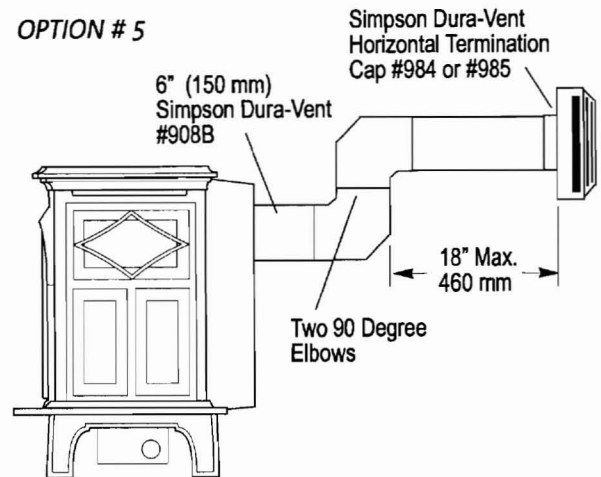


Figure 12-5. Horizontal vent with two elbows.

OPTION # 5

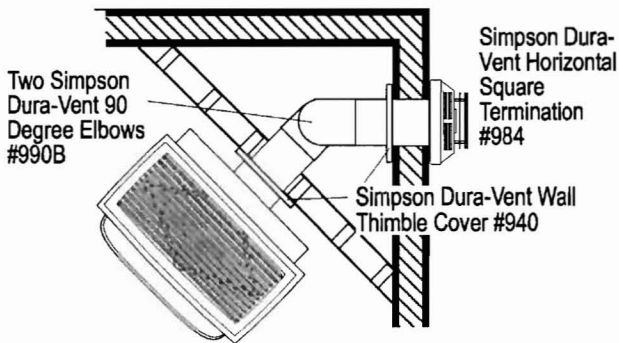


Figure 12-5a. Horizontal vent with two elbows.

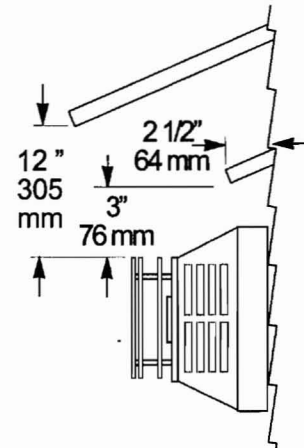


Figure 13. Termination clearances to exterior overhangs.

Wall Shield Installation

When horizontally venting directly off the rear of the stove, install the decorative Wall Shield #129349, (included in the stove), to cover the top of the venting hole in the wall. See Figure 14.

1. Remove the top four 1/4" hex head screw from the rear shroud of the stove.
2. Align the holes in the wall shield with the holes in the rear shroud.
3. Secure the wall shield to the stove with the four 1/4" hex head screws.

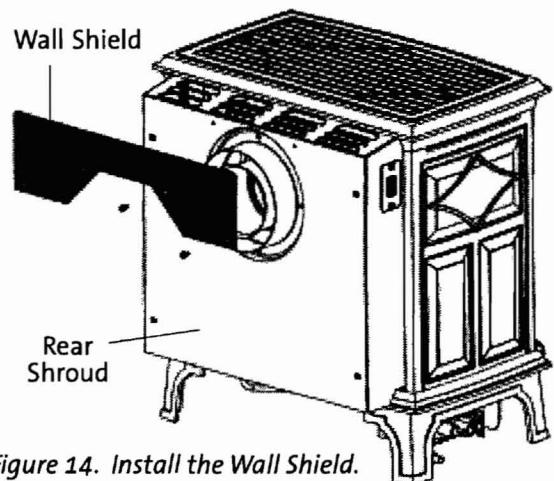


Figure 14. Install the Wall Shield.

Mobile Home Installation

The Jøtul GF 200 DV Lillehammer can be installed for use in a mobile home in the U.S. and Canada provided:

1. The stove is secured to the floor of the mobile home. Use Jøtul Floor Mounting Kit #154342.
2. The stove is installed in accordance with Title 24 CFR, Part 3280- Manufactured Home Construction and Safety Standard, in the U.S. Comply with CSA Z240.4, Gas Equipped Recreational Vehicles and Mobile Housing, in Canada.
3. Always contact your local building code officials about installation restrictions and specific requirements in your area.

THIS APPLIANCE MAY BE INSTALLED AS AN OEM INSTALLATION IN A MANUFACTURED (MOBILE) HOME AND MUST BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND THE MANUFACTURED HOME CONSTRUCTION AND SAFETY STANDARD, TITLE 24 CFR, PART 3280. THIS APPLIANCE IS ONLY FOR USE WITH THE TYPE OF GAS THAT IS INDICATED ON THE STOVE'S RATING PLATE. A GAS CONVERSION KIT IS PROVIDED WITH THE LILLEHAMMER DIRECT VENT GAS STOVE.

THIS APPLIANCE MAY BE INSTALLED IN AN AFTERMARKET PERMANENTLY LOCATED, MANUFACTURED (MOBILE) HOME, WHERE NOT PROHIBITED BY LOCAL CODES.

CET APPAREIL PEUT ETRE INSTALLE DANS UN MAISON PREFABRIQUEE (MOBILE) DEJA INSTALLEE A DEMEURE SI LES REGLEMENTS LOCAUX LE PERMETTENT. CET APPAREIL DOIT ETRE UTILISE UNIQUEMENT AVEC LES TYPES DE GAS INDIGUES SUR LA PLAQUE SIGNALETIQUE. NE PAS L'UTILISER AVEC D'AUTRES GAS SAUF SI UN KIT DE CONVERSION CERTIFIE EST INSTALLE.

Gas Conversion

The Jøtul GF 200 DV Lillehammer gas stove is shipped from the factory equipped to burn NATURAL GAS. Install the Fuel Conversion Kit, included with the stove, if Propane use is necessary. The kit contains all the necessary components needed for safe conversion and includes appropriate conversion notice labels.

WARNING:

THE CONVERSION KIT IS TO BE INSTALLED BY AN AUTHORIZED JØTUL SERVICE TECHNICIAN IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTION AND ALL CODES AND REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION. FAILURE TO FOLLOW THESE INSTRUCTIONS COULD RESULT IN SERIOUS INJURY OR PROPERTY DAMAGE. THE QUALIFIED AGENCY PERFORMING THIS WORK ASSUMES RESPONSIBILITY FOR THIS CONVERSION.

Tools Required:

- 1/4" Nut driver
- 7/16" and 1/2" open end wrench
- Torx T-20 or slotted screwdriver.

Fuel Conversion Kit Contents:

- 1 regulator tower labeled for Propane
- 3 regulator tower screws
- 1 burner orifice (#48 for NG, 3/64 for LPG)
- 1 pilot orifice (#51 for NG, #30 for LPG)
- Label A - to be completed and applied to the back of the stove.
- Label B - to be applied to the stove Rating Plate.
- Small valve label - apply to the Control Valve body.

Conversion instructions are also included in the conversion kit.

Canadian Requirements

THE CONVERSION SHALL BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF THE PROVINCIAL AUTHORITIES HAVING JURISDICTION AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE CAN1-B149.1 AND .2 INSTALLATION CODE.

- from the front of the valve Regulator. See fig. 18.
13. Remove the regulator tower and the gasket.
 14. Install the new variable regulator parts, confirming that the gasket is properly positioned. Replace the regulator cover and tighten the three screws securely.
 15. Apply the identification labels to locations as follows:
 - Label A - apply to back of stove.
 - Label B - apply to stove's rating plate.
 - Small Conversion Label - apply to valve.
 16. Reassemble the stove. Connect supply gas to the system and check for leaks using a soapy water solution.

WHEN RE-INSTALLING THE BURNER TUBE, BE SURE THAT THE TUBE IS PULLED FORWARD IN THE MOUNTING HOLES AND SECURED WITH THE TWO 1/4" SCREWS.

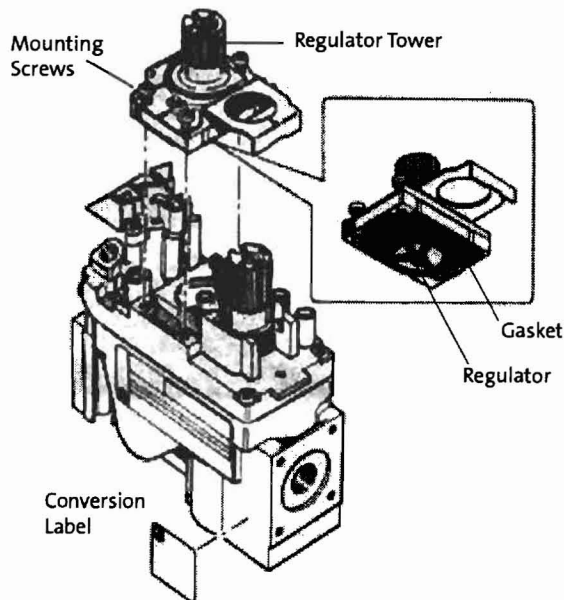


Figure 18. Regulator Assembly.

ALWAYS REFER TO THE LIGHTING INSTRUCTIONS ON THE BACK COVER OF THIS MANUAL WHEN LIGHTING YOUR LILLEHAMMER.

Connect the Gas Supply

The gas supply line connection is made to the valve just inside the left rear leg. The gas supply line should be 3/8" npt with a 1/2" diameter supply, or the appropriate size to provide sufficient gas pressure to the valve regardless of the input setting.

The use of Flexible Gas Appliance Connectors is acceptable in many areas in the U.S. However, Canadian methods vary depending on local code.

ALL INSTALLATIONS MUST COMPLY WITH LOCAL CODE OR IN THE ABSENCE OF LOCAL CODE, MUST COMPLY WITH THE MOST RECENT EDITION OF THE NATIONAL FUEL GAS CODE ANSI Z223.1/NFPA 54 OR CAN-B149.

All codes require a gas shut-off valve (gas cock) and union, to be installed in the supply line, and in the same room as the appliance. This allows for the disconnection of the stove for servicing and maintenance. See Figure 19.

T-HANDLE GAS COCKS ARE REQUIRED IN MASSACHUSETTS IN COMPLIANCE WITH CODE 248CMR.

Secure all joints tightly using appropriate tools and sealing compounds. For propane units be sure to use compounds that are propane resistant. Turn on gas supply and test for gas leaks using a soapy water solution.

NEVER USE AN OPEN FLAME TO CHECK FOR GAS LEAKS.

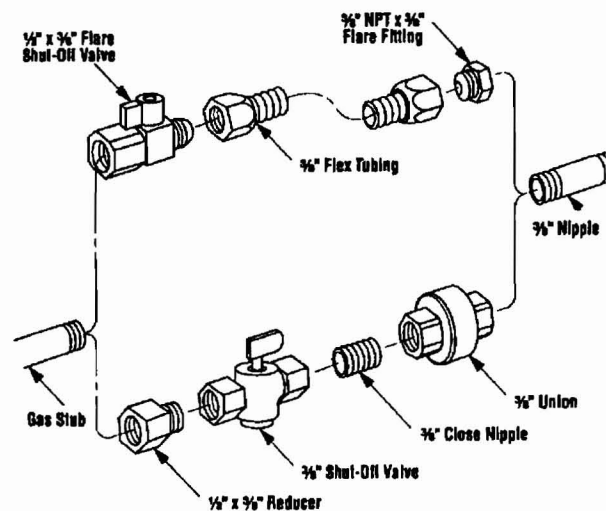


Figure 19. Supply Line Shut-off Valve Configurations.

High Altitude Adjustment

When installing the Lillehammer in high altitude (above 2500 ft.) locations, it becomes necessary to compensate for the thinner air (less volume of oxygen per cubic foot). High altitudes affect the atmospheric pressure and heat value of gaseous fuels. The lower oxygen content in the air and the lower gas viscosity require the use of a different orifice to achieve efficient, clean combustion at the burner tube.

U.S. Requirements

THE DERATING KIT MUST BE INSTALLED BY AN AUTHORIZED SERVICE TECHNICIAN IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND ALL CODES AND REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION. THE INFORMATION STICKER MUST BE FILLED OUT BY THE INSTALLER AND ADHERED TO THE APPLIANCE AT THE TIME OF THE CONVERSION. THE QUALIFIED SERVICE AGENCY PERFORMING THIS WORK ASSUMES RESPONSIBILITY FOR THIS DERATING.

Canadian Requirements

This unit has been tested for installation at high altitudes in accordance with Canadian test standard CAN/CGA-2.17.

THE DERATING SHALL BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF THE PROVINCIAL AUTHORITIES HAVING JURISDICTION AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE CAN1-B-149.1 AND .2 INSTALLATION CODE.

For installations from 610 - 1370 meters (2000-4500 ft.) the orifice size for natural gas is #49 and for propane gas #56. SEE THE HIGH ALTITUDE ORIFICE CHART

See the Rating Plate for additional information. For high altitude installations, consult the local gas distributor or the authority having jurisdiction for proper rating methods. If the installer must convert the unit to adjust for varying altitudes, the information sticker must be filled out by the installer and adhered to the appliance at the time of the conversion.

Derating Procedure:

To derate this unit, install the appropriate orifice as shown in the High Altitude chart.

1. Remove the two 1/4" hex head screw that holds the burner tube/log support to the bottom of the stove.
2. Remove the burner tube/log support to expose the main burner orifice.
3. Remove the air deflector shield around the main burner orifice.
4. Remove the orifice and replace with the appropriate one from the high altitude kit.
5. Be sure to attach the high altitude conversion sticker provided with the kit to the rating plate on the appliance.

GAS TYPE	ORIFICE SIZE	ELEVATION	PART NUMBER
NATURAL GAS	#48	0-2000' (0-610m)	129407
NATURAL GAS	#49	2001-4500' (611-1370m)	129411
PROPANE GAS	3/64	0-2000' (0-610m)	129409
PROPANE GAS	#56	2000-4500' (611-1370m)	154373

Table 3. High Altitude Orifice Chart.

A self-adhesive Conversion Label (Fig. 21) is included with the High Altitude Kit. Apply this label to the control valve after it has been converted for high altitude.

THIS STOVE HAS BEEN CONVERTED FOR USE AT AN ALTITUDE OF _____

Orifice Size _____ Manifold Press: _____

Input BTU/Hr. _____ Fuel Type _____

Date of Conversion _____

-

Figure 21. High Altitude Conversion Label.

Installing the Optional Wall Thermostat of Remote Control

When installing a wall mounted thermostat to the Lillehammer, it must be 750 millivolt DC two-wire circuit thermostat. The thermostat should be placed in the same room as the heater, typically 5' off the floor. Avoid drafty areas or any area that may affect the accuracy of the thermostat.

The thermostat should be connected to the Lillehammer using a minimum of 16 gauge wire with a maximum length of 35 feet of wire.

Connect the two thermostat wire leads to the two lower terminals on the terminal block located directly above the ignitor button. Do not over-tighten the connections. IT IS NOT NECESSARY TO DISCONNECT ANY OTHER WIRES. See Figure 24.

For the thermostat to work, the On/Off/T-Stat switch on the back of the stove must be in the T-stat position, and the pilot light must be running, as it is the power source for the thermostat.

At the thermostat the two wires should be connected to the two connections screws on the thermostat base plate per the manufacturers instructions.

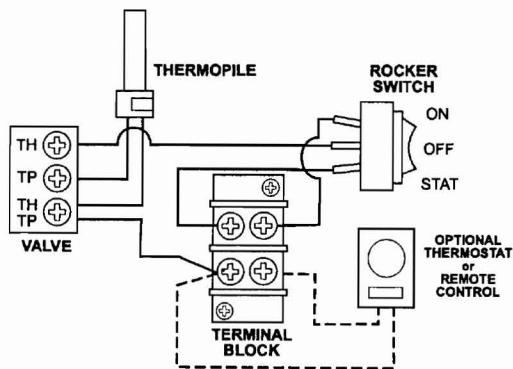


Figure 24. Thermostat / Remote Control Wiring Diagram.

Remote Control

When using a remote, the remote receiver should be wired to the terminal block the same way the thermostat would be. See the instructions above.

CAUTION:

LABEL ALL WIRES PRIOR TO DISCONNECTION WHEN SERVICING THE CONTROLS. WIRING ERRORS CAN CAUSE IMPROPER AND DANGEROUS OPERATION. ALWAYS VERIFY PROPER OPERATION AFTER SERVICING THE APPLIANCE.

Checking the System

- 1. Purging the Gas Line:** When lighting the appliance for the first time it will take a few moments to clear the gas line of air. Once this purge is complete, the appliance will operate as described in the lighting instructions located on the stove's rating plate. All subsequent lightings of the stove will not require such purging of the gas line.
- 2. Pilot Flame:** The pilot flame should be steady, not lifting or floating. The flame should be blue in color around the pilot hood, with traces of yellow toward the outer edges.

It is imperative that the pilot flame engulf the top $\frac{3}{8}$ " of the thermopile (power generator) and the top $\frac{1}{8}$ " of the quick drop out thermocouple. The pilot flame should project out of the pilot hood 1" at all three ports. See Figure 25.

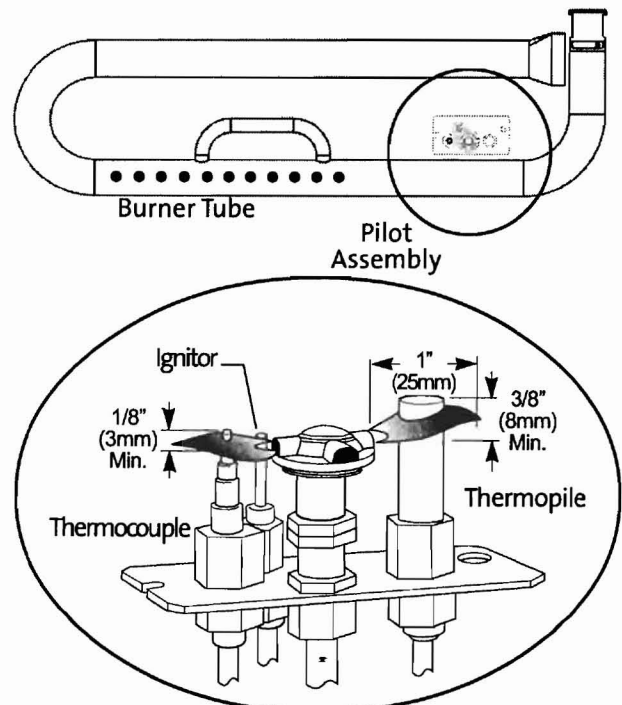


Figure 25. Pilot Location and Correct Appearance

Maintenance

The GF 200 DV Lillehammer gas stove and its venting system should be inspected before use and at least annually by a qualified service technician.

IMPORTANT:
ALWAYS TURN OFF THE GAS SUPPLY TO THE STOVE BEFORE ANY SERVICE WORK IS PERFORMED ON THE STOVE.

General cleaning: The firebox should be vacuumed out annually to remove any surface build up. Be sure to vacuum or wipe off the pilot assembly and burner orifice and burner tube. Also, when vacuuming the log set, be sure to handle it carefully as it is very fragile.

Gasket inspection: It is important that the glass gasket be inspected at least annually. Examine the rope gasket for signs of deterioration and make sure the gasket has a positive seal. This is important to prevent combustion gases from escaping into the room. Replace the gasket if necessary, refer to the replacement parts list on page 25.

Always replace any damaged or broken parts with JØTUL AUTHORIZED PARTS ONLY. These are available through your Jøtul dealer. Never use any substitute parts on your Lillehammer Direct Vent stove.

With proper care and maintenance, your Jøtul gas stove will provide you with many years of service. If you experience any problems with Jøtul GF 200 DV, contact your authorized Jøtul dealer for assistance.

Fill out the Maintenance Record form on the next page and keep it up to date. It will provide useful information of service activity to help you and your dealer keep your stove in top condition.

RETAIN THIS MANUAL FOR REFERENCE AND MAKE IT AVAILABLE TO ANYONE USING OR SERVICING THE STOVE.

WARNING: OBSERVE CAUTION NEAR THE GLASS. THE GLASS PANEL MAY SHATTER UNEXPECTEDLY IF STRUCK WITH AN OBJECT. ALWAYS HANDLE THE GLASS PANEL WITH CARE. WHEN SERVICING THE STOVE ALWAYS PULL THE GLASS ASSEMBLY STRAIGHT UP FOR REMOVAL.

Glass Front

Do not operate the Lillehammer gas stove with the glass front removed, cracked or broken. Replacement of the glass should be done by a licensed or qualified service person. Only remove glass for routine service. Always handle glass carefully.

Glass and Gasket Replacement

1. Using a nail punch inserted into the perf holes, carefully pry the two glass retainer tabs back. See fig. 27.
2. Peel away all remnants of the old gasket material and clean any adhesive residue off the glass.
3. Peel the paper backing off the replacement gasket to expose the adhesive.
4. Apply the gasket to the panel, wrapping the adhesive side down around the panel edge. See fig. 28.
5. Insert the gasketed glass panel into the frame and use the nail punch to bend the retainer tabs over the edge.

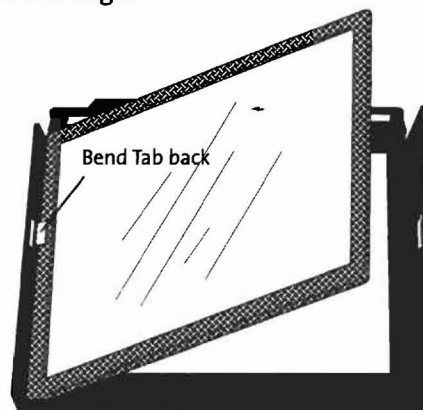


Figure 27. Glass removal.

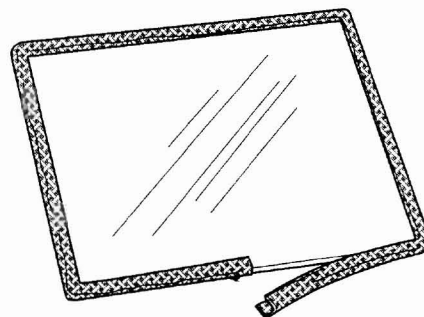


Figure 28. Glass gasket replacement.

Illustrated Parts List

GF 200 DV Lillehammer

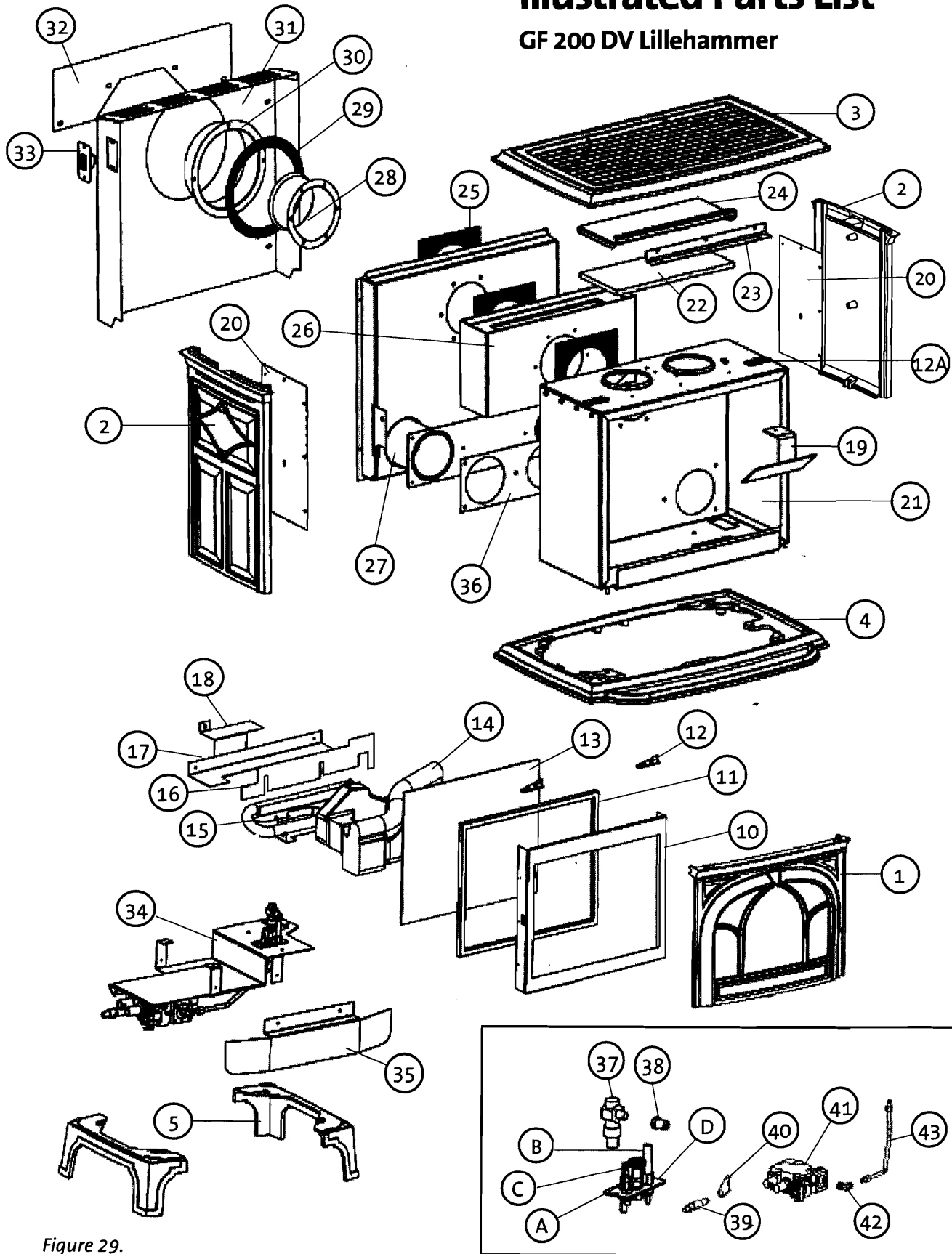


Figure 29.

LIGHTING INSTRUCTIONS

FOR YOUR SAFETY, READ BEFORE LIGHTING.

WARNING:

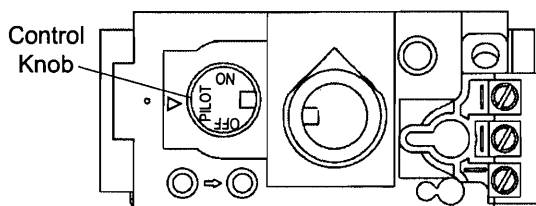
IF YOU DO NOT FOLLOW THESE INSTRUCTIONS EXACTLY, A FIRE OR EXPLOSION MAY RESULT CAUSING PROPERTY DAMAGE, PERSONAL INJURY, OR LOSS OF LIFE.

- A.** This appliance has a pilot which must be lit by hand. When lighting the pilot, follow these instructions exactly.
- 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 to the floor.
- WHAT TO DO IF YOU SMELL GAS:**
- Extinguish any open flame.
 - Open windows.
 - Do not light any appliance.
 - Do not touch any electrical switches.
 - Do not use any phone in your building.
 - Immediately call your gas supplier from a neighbor's phone.
 - If your gas supplier cannot be reached, 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, do not try to repair it. Call a qualified 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 under water.

LIGHTING INSTRUCTIONS

1. STOP! Read the safety information above.
2. Access the lower controls.
3. Turn the stove ON/OFF switch to "OFF", or set the thermostat to lowest setting (if used).
4. Confirm that the gas supply line shut-off valve is open.
5. Push in gas control knob slightly and turn clockwise to "OFF".


NOTE: Knob cannot be turned from "PILOT" to "OFF"

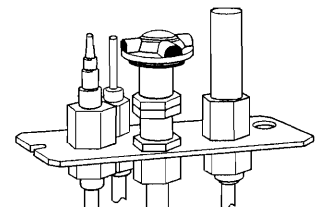


CONTROL VALVE


unless the knob is pushed in slightly. Do not force.

6. Wait five (5) minutes to clear out any gas. If you then smell gas, STOP! Follow "B" in the safety information above on this page. If you do not smell gas, go to the next step.


7. Push in gas control knob slightly and turn counterclockwise  to "PILOT".
8. Push in control knob all the way and hold in. Immediately light the pilot by triggering the spark ignitor (push the red button repeatedly) until pilot lights. Continue to hold the control knob in for about one minute after the pilot lights. Release knob and it should spring back. The pilot should remain lit. If it goes out, repeat Steps 5 through 8.



PILOT ASSEMBLY

- If knob does not return when released, stop and immediately call your service technician or gas supplier.
 - If pilot will not stay lit after several tries, turn the control knob to OFF and call your service technician or gas supplier.
9. Turn gas control knob counterclockwise  to "ON".
 10. Turn the stove ON/OFF switch to "ON", or set thermostat (if used) to desired temperature.

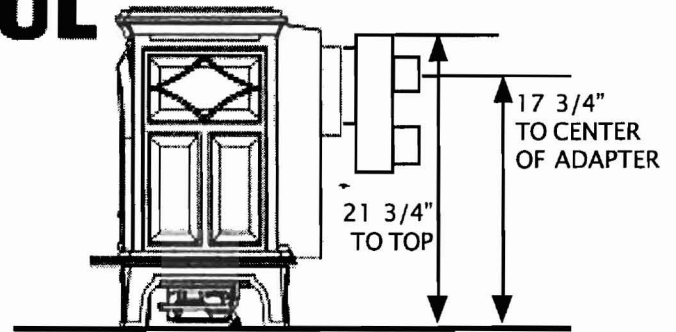
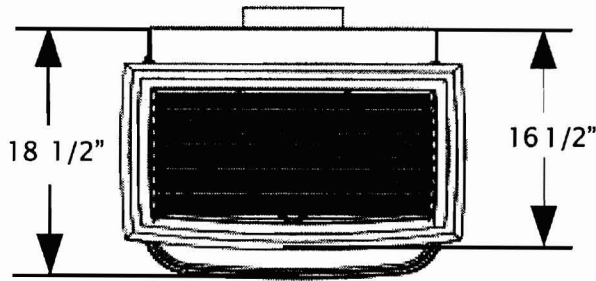
TO TURN OFF GAS TO THE APPLIANCE:

1. Turn ON/OFF switch to "OFF". The pilot will remain lit for normal service.
2. For complete shutdown, turn ON/OFF switch to "OFF".
3. Access the lower controls.
4. Depress gas control knob slightly and turn clockwise  to "OFF". Do not force.

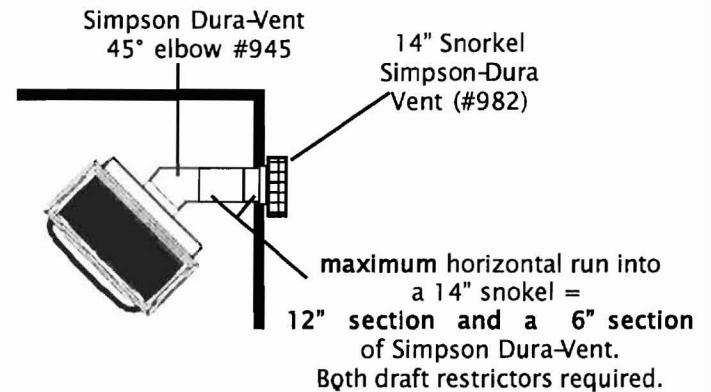
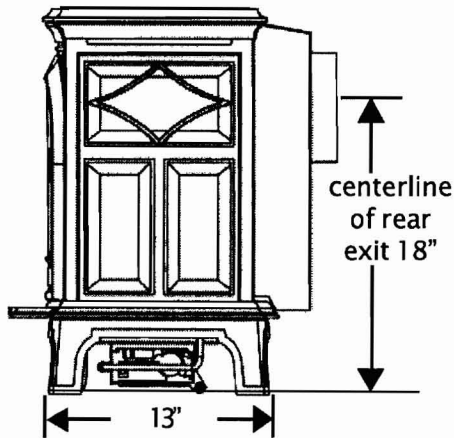
JØTUL GF 200 DV LILLEHAMMER QUICK SHEET



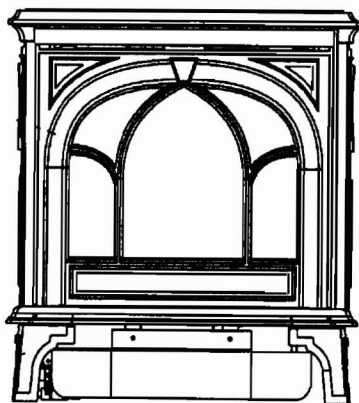
GF 200 DV LILLEHAMMER
WITH CO-LINEAR
ADAPTER INSTALLED



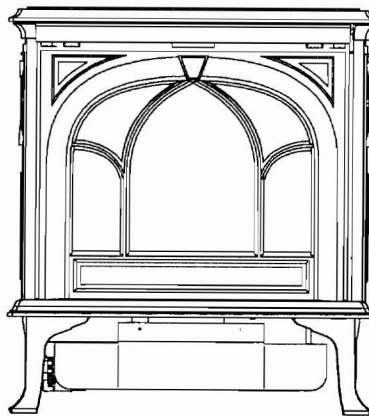
GF 200 DV LILLEHAMMER IN A CORNER
INSTALLATION



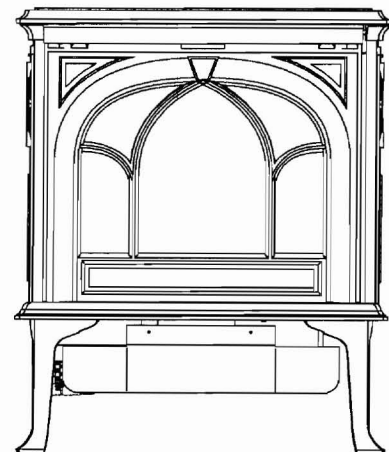
JØTUL GF 200 DV LILLEHAMMER LEG OPTIONS:



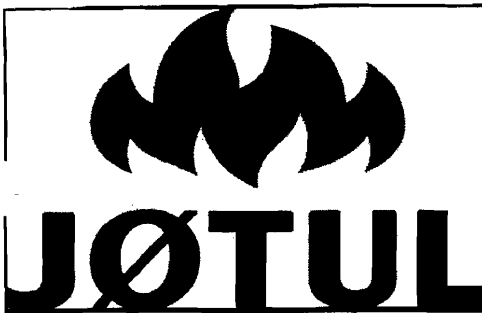
STANDARD PLINTH LEG
stove height = 24"
centerline of rear exit = 18"



5 3/4" LEG KIT INSTALLED
stove height = 25 1/4"
centerline of rear exit = 19 1/4"



8" LEG KIT INSTALLED
stove height = 27 1/2"
centerline of rear exit = 21 1/2"



FUEL CONVERSION INSTRUCTIONS FOR GF 200 DV LILLEHAMMER

TOOLS REQUIRED:

- * 1/4" nut driver, phillips head screwdriver
- * 7/16", 10mm open end wrench
- * 1/2" deep well socket
- * Torx T20 or slotted screwdriver

TECHNICAL PROCEDURE:

fuel conversion for the
820 NOVA SIT valve

INCLUDED IN THIS KIT: 1 Regulator tower labeled LP or NG
Label A- for back of stove
1 Pilot orifice #51 NG, or #30 LPG
1 Burner orifice #48 NG, 3/64 LPG
3 Regulator tower screws
Label B- for stove's rating plate

WARNING

This conversion kit shall be installed by a qualified service agency in accordance with the manufacturer's instructions and all applicable codes and requirements of the authority having jurisdiction. If the information in these instructions is not followed exactly, a fire, explosion or production of carbon monoxide may result causing property damage, personal injury or loss of life. The qualified service agency is responsible for the proper installation of this kit. The installation is not proper and complete until the operation of the converted appliance is checked as specified in the manufacturer's instructions supplied with the kit.

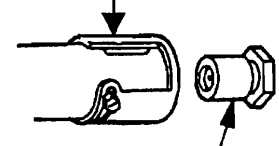
1. Lift off the stove top (3).
2. Using a 10mm open end wrench LOOSEN the two bolts that attach the front panel to the side panels (2). (Note: you do not have to remove these bolts.) Slowly pull the front panel away from the stove and lift out.
3. Release the glass clips (12) and slowly lift glass panel (10) up and out of stove.
4. Remove the log set (14) using care not to damage or scratch the logs.
5. Lift out the air deflector (17) and the air divider (16) Note: to remove the air divider lift the right side and slowly rotating forward.
6. Using a 1/4" nut driver remove the two screws securing the burner tube (15) to the stove bottom. Lift out the burner tube.
7. To change the main burner orifice first remove the orifice holder shield (18) around the orifice holder (37). Using a 1/4" nut driver remove the screw attaching the shield to the rear wall of the firebox. Slide shield left and remove.
8. Change out the burner orifice (38): using a 1/2" deep well socket remove the burner orifice from the orifice holder and replace with the appropriate orifice: (#48 for natural gas, 3/64 for propane).
9. Adjust the air shutter on the burner tube (15) to allow for the proper mix of air and gas. Adjust to the following settings;
3/4" open for LPG, 1/8" open for NG See diagram.

WHEN RE-INSTALLING THE BURNER TUBE BE SURE THAT THE TUBE IS PULLED FORWARD IN THE MOUNTING HOLES, SECURE WITH THE TWO 1/4" SCREWS.

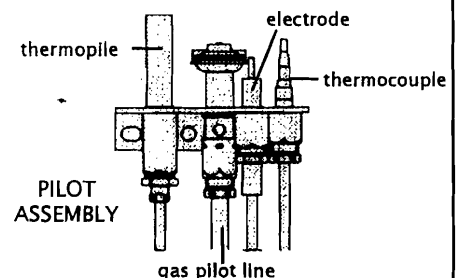
10. Change the pilot orifice. For easy access remove the valance (35) from below the ash lip on the front of the stove, (remove the two 1/4" hex screws and using a 7/16" wrench remove the thermopile from the base of the pilot assembly.
11. Change the pilot orifice: Behind the right front leg remove the 7/16" brass nut that holds the pilot gas line to the base of the stove. Gently pull the gas line down from within the pilot hood, the pilot orifice is at the end of the gas line. (Note: if the orifice is not at the end of the line gently tap the base of stove with the wrench and the orifice will fall. Replace with the appropriate pilot orifice (#51 for natural, #30 for propane).

IMPORTANT
ANY GAS SUPPLY MUST BE
TURNED OFF AND
DISCONNECTED FROM THE VALVE.

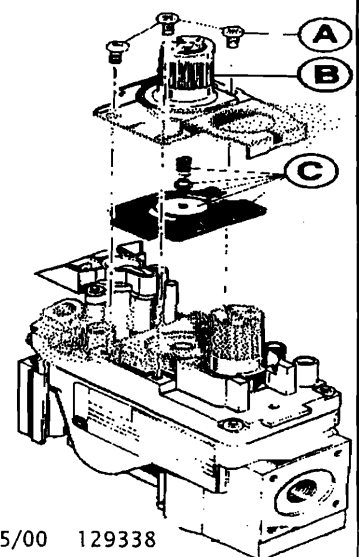
AIR SHUTTER



BURNER ORIFICE



PILOT
ASSEMBLY



Revised 5/00 129338

19 Anderson St #2

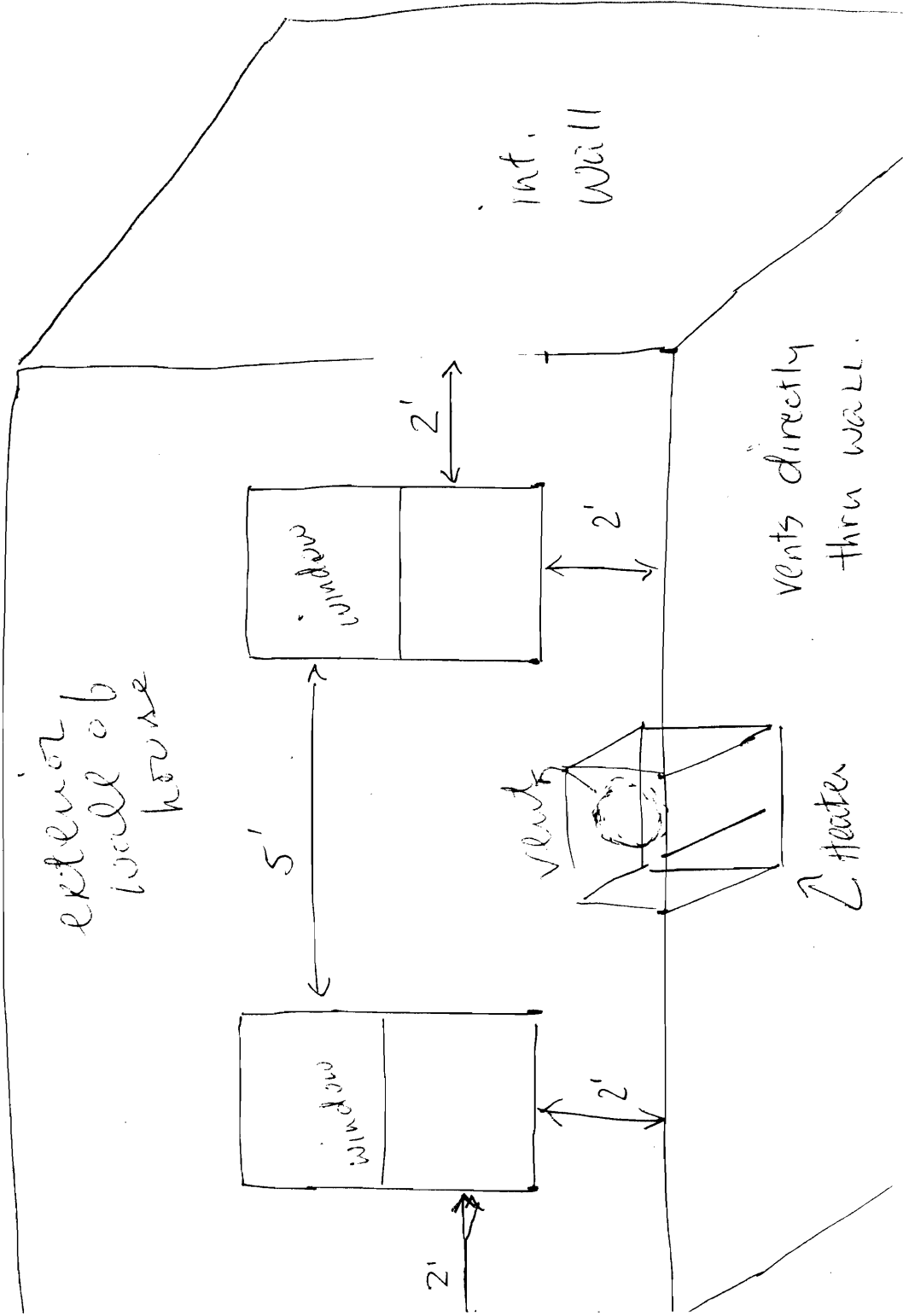
Elizabeth Berg

774-4508

install

Total gas heater

1/9/08!





From Ft. to window 2' 1'

Between windows 5'

Window w. 34" (2' 8")

From side wall to window 2'

Room width 14' 5"

~~5=3~~