

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



CITY OF PORTLAND BUILDING PERMIT

This is to certify that JENNIFER A POWERS & TURGEON

Located At 101 MURRAY

Job ID: 2011-05-1059-HVAC

CBL: 162 - - D - 016 - 001 - - - -

has permission to install Tucson gas stove -- direct vent

provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statutes of Maine and of the Ordinances of the City of Portland regulating the construction, maintenance and use of the buildings and structures, and of the application on file in the department.

Notification of inspection and written permission procured before this building or part thereof is lathed or otherwise closed-in. 48 HOUR NOTICE IS REQUIRED.

A final inspection must be completed by owner before this building or part thereof is occupied. If a certificate of occupancy is required, it must be

Fire Prevention Officer


Code Enforcement Officer / Plan Reviewer

5/24/11

THIS CARD MUST BE POSTED ON THE STREET SIDE OF THE PROPERTY

PENALTY FOR REMOVING THIS CARD

*ok to close +
SCW
N/A*



PORTLAND MAINE

Strengthening a Remarkable City, Building a Community for Life • www.portlandmaine.gov

*Director of Planning and Urban Development
Penny St. Louis*

*Inspection Services, Director
Tammy M. Munson*

May 26, 2011

Prudential Northeast Properties

ATTN: Tim Flaherty
386 Bridgton Rd
Westbrook, ME 04092

CBL: 162 D016001
Located at 101 Murray St.

Mail

Dear Tim Flaherty,

This letter verifies that Construction performed under Building Permit # 2011-05-1059 and 2011-05-1043 issued by the City of Portland at the above address has been completed. Inspections have been recorded and the work appears to be in accordance with the applicable code requirements. This does not certify that the property is free of building code violations.

If you have any questions, feel free to contact me at this office.

Sincerely,

Nicholas Adams
Code Enforcement Officer
207-874-8789

580352

CUSTOMER'S ORDER NO.						DATE <i>5/25/11</i>	
NAME <i>Nathan Leavitt</i>							
ADDRESS <i>Finsh line install</i>							
CITY, STATE, ZIP							
SOLD BY	CASH	C.O.D.	CHARGE	ON. ACCT.	MOSE. RETD.	PAID OUT	
QUAN.	DESCRIPTION					PRICE	AMOUNT
1	<i>installs 101 Murray st</i>						
2	<i>portland</i>						
3	<i>two Gas stoves</i>						
4	<i>All check out Good</i>						
5	<i>Nathan Leavitt</i>						
6	<i>Li# Pmt 3872</i>						
7	<i>223 Old creartin</i>						
8	<i>Boston MA 04090</i>						
9							
10							
11							
12							
RECEIVED BY							

A-4705
T-46521/48528

KEEP THIS SLIP FOR REFERENCE

BUILDING PERMIT INSPECTION PROCEDURES

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

or email: buildinginspections@portlandmaine.gov

With the issuance of this permit, the owner, builder or their designee is required to provide adequate notice to the city of Portland Inspections Services for the following inspections. Appointments must be requested 48 to 72 hours in advance of the required inspection. The inspection date will need to be confirmed by this office.

- **Please read the conditions of approval that is attached to this permit!! Contact this office if you have any questions.**
- **Permits expire in 6 months. If the project is not started or ceases for 6 months.**
- **If the inspection requirements are not followed as stated below additional fees may be incurred due to the issuance of a "Stop Work Order" and subsequent release to continue.**

The project cannot move to the next phase prior to the required inspection and approval to continue, REGARDLESS OF THE NOTICE OF CIRCUMSTANCES.

IF THE PERMIT REQUIRES A CERTIFICATE OF OCCUPANCY, IT MUST BE PAID FOR AND ISSUED TO THE OWNER OR DESIGNEE BEFORE THE SPACE MAY BE OCCUPIED.



PORTLAND MAINE

Strengthening a Remarkable City, Building a Community for Life • www.portlandmaine.gov

Director of Planning and Urban Development
Penny St. Louis

Job ID: 2011-05-1059-HVAC Located At: 101 MURRAY CBL: 162 - - D - 016 - 001 - - - -

=

Conditions of Approval:

Building

The installation must comply with the State of Maine gas regulations.

City of Portland, Maine - Building or Use Permit Application

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

Job No: 2011-05-1059-HVAC	Date Applied: 5/12/2011	CBL: 162 - - D - 016 - 001 - - - - -	
Location of Construction: 101 MURRAY ST	Owner Name: CHAD & JENNIFER A POWERS TURGEON	Owner Address: 101 MURRAY ST PORTLAND, ME - MAINE 04103	Phone :632-6788
Business Name:	Contractor Name: The Finest Kind	Contractor Address: 16 Shepherd's LN, Gorham, ME 04038	Phone: 772-2155
Lessee/Buyer's Name:	Phone:	Permit Type: HVAC - HVAC	Zone: R-3
Past Use: Single Family Dwelling	Proposed Use: Same: Single Family Dwelling - To install "Tucson" gas stove - direct vent	Cost of Work: \$5000.00	CEO District:
		Fire Dept: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied SIA	Inspection: Use Group: Type: HVAC Signature: State Gas Regs
Proposed Project Description: 101 Murray Street - HVAC		Pedestrian Activities District (P.A.D.)	
Permit Taken By: Lannie		Zoning Approval	

1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules. 2. Building Permits do not include plumbing, septic or electrical work. 3. Building permits are void if work is not started within six (6) months of the date of issuance. False informatin may invalidate a building permit and stop all work.	Special Zone or Reviews <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetlands <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan <input type="checkbox"/> Maj <input type="checkbox"/> Min <input checked="" type="checkbox"/> MM Date: 5/18/11	Zoning Appeal <input type="checkbox"/> Variance <input type="checkbox"/> Miscellaneous <input type="checkbox"/> Conditional Use <input type="checkbox"/> Interpretation <input type="checkbox"/> Approved <input type="checkbox"/> Denied Date:	Historic Preservation <input checked="" type="checkbox"/> Not in Dist or Landmark <input type="checkbox"/> Does not Require Review <input type="checkbox"/> Requires Review <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Date:
	CERTIFICATION		

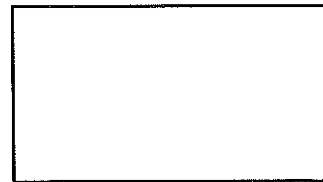
I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, 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	PHON



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 162 D 016 Use of Building RESIDENTIAL Date 5-9-11
 Name and address of owner of appliance CHAD JENNER TURGEON
101 MURRAY ST PORTLAND ME 04103 (16 Shepherd's Lane)
 Installer's name and address THE FINEST KIND Gorham, ME 04038
9 Commercial St Portland ME 04101 Telephone 772-2155

Location of appliance:

- Basement Floor
 Attic Roof

Type of Fuel:

- Gas Oil Solid
 HEARTHSTONE
 ① TUCSON DV

Appliance Name: LP Direct Vent Stove ② Jotul G-F 300 DV

U.L. Approved Yes No

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

IF NO Explain: _____

The Type of License of Installer:

- Master Plumber # _____
 Solid Fuel # _____
 Oil # _____
 Gas # _____
 Other _____

Type of Chimney:

- Masonry Lined
 Factory built _____

- Metal
 Factory Built U.L. Listing # _____

- Direct Vent
 Type _____

Type of Fuel Tank

- Oil
 Gas

Size of Tank 120 Gallon

Number of Tanks 1

Distance from Tank to Center of Flame _____ feet.

Cost of Work: \$ 4315.36

Permit Fee: \$ _____

RECEIVED

MAY 12 2011

Dept. of Building Inspections
City of Portland Maine

Approved

Approved with Conditions

Fire: _____

Ele.: _____

Bldg.: _____

- See attached letter or requirement

Inspector's Signature

Date Approved

Signature of Installer

[Signature] Chad Turgeon Homeowner 207-632-6788

White - Inspection Yellow - File Pink - Applicant's Gold - Assessor's Copy

Please retain this sheet for your records. It contains the Model No. and Serial No. of your stove. This information is needed to complete the enclosed Warranty Registration form and is useful in the event you need to order accessories or replacement parts.

*Bedroom - LP Tank mounted
Behind Garage*

Tucson DV Gas Stove

No Stone

Black Matte Cast

Model No.: 8700-0010NP

Serial No.: 15789

 **HearthStone**[®]
Quality Home Heating Products

317 Stafford Avenue
Morrisville, VT 05661
802-888-5232

the TUCSON

GAS-FIRED STOVE

Three-way on/off/thermostat switch -

Allows you to flip the stove on for instantaneous fire, or to control the stove from the wall thermostat, or to turn it off.

Variable speed fan with thermostat (optional) -

Heated air is moved throughout the home for more uniform temperature. Thermostat monitors stove body temperatures and automatically controls fan (not available on vent-free model).

Remote controls (optional) -

Simple "on/off" and thermostatic remote controls allow the fire to be controlled from across the room.

Direct-Vent Model

Sealed firebox / Direct-Vent technology -

Air for combustion is drawn from outside the home, reducing cold air drafts; greater efficiency due to not using heated room air for combustion.

Through the wall venting option -

Vent pipe can be installed through an exterior wall with only a short rise of vertical pipe exposed. An inconspicuous terminus on the outside wall completes the installation. Vent pipe can be installed through an exterior wall with just the pipe elbow exposed. Special terminus on the outside wall required to provide necessary vertical rise.

Through the roof venting option -

Stove can be installed in an interior location with the vent pipe terminating above the roof. Stove can also be installed through an existing fireplace or Class A chimney using special adapters; great option if replacing a woodstove.

B-Vent Model

Reversible flue collar -

Can be attached to the venting either horizontally or vertically. Can be vented through an existing fireplace or woodstove chimney, minimizing installation costs.

B-Vent chimney system -

Very economical for new installations where an interior wall location is preferred.

Vent-Free Model

No chimney required -

99% efficient; no heat loss up a chimney, all the heat goes into the room; lower installation costs.

Oxygen Depletion Sensor (ODS) -

Room oxygen levels are monitored for safe levels.



It never ceases to amaze you

how quickly the desert cools down at night. One minute the sun is high in the sky, blazing white, and the next, everything is bathed in a gauzy grey blue, the desert flowers are closed tight and the sandy desert floor chills your bare feet. Time to head inside, to map out tomorrow's discoveries and warm yourself by your HearthStone stove.

The Tucson is a powerful gas heater, hardworking enough to keep smaller spaces wonderfully warm. The Tucson's stone and cast iron design helps distribute heat quickly and evenly, while its cast iron double heat exchanger helps maximize heating efficiency. And, with an adjustable flame control, the Tucson lets you control the amount of heat you want... either for greater warmth, or just the romantic ambiance of gentle flames. It's also among our most versatile gas-fired stoves, available in three different venting configurations to make installation simple and convenient.

SPECIFICATIONS:

LISTED: DIRECT-VENT GAS HEATER

Listed: Gas-Fired Direct-Vent Fireplace Heater

Model: Tucson Direct-Vent Gas Fireplace Heater

Testing Agency: Intertek Testing Services NA Inc. (ITS)

Tested to: ANSI Z21.88-1998, CSA 2.33-M98, CAN/CGA2.17

Certified for Canada

Approved for

Mobile Home Installation (see page 7)

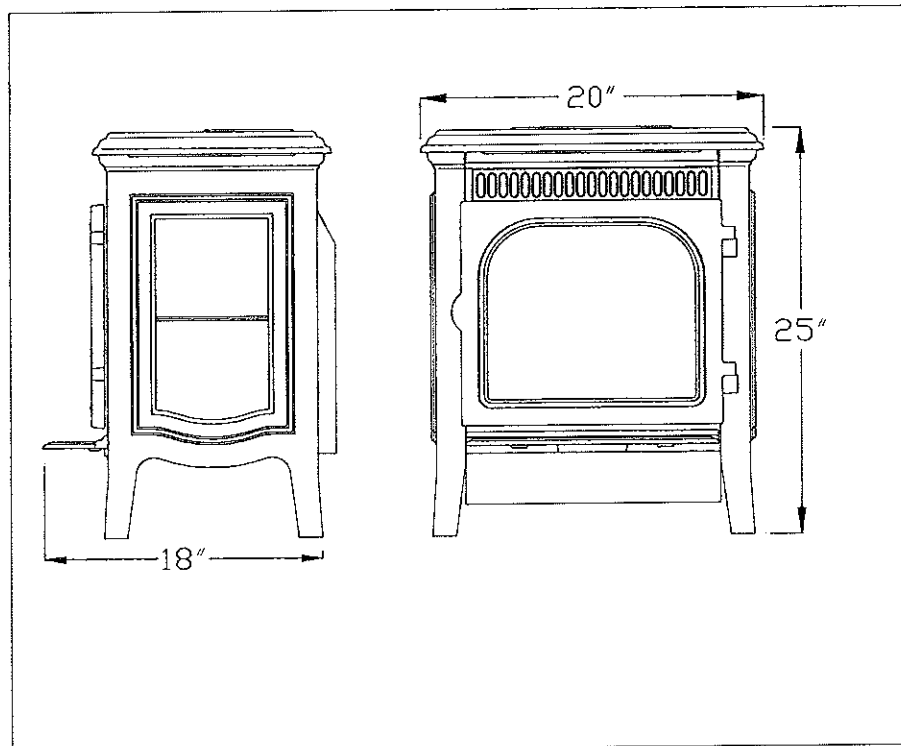


Figure 1: Tucson Dimensions

	NG	LP
Input rating (Btu/hr) 0-1370 m	26,000	26,000
Maximum output (Btu/hr) 0-1370 m	19,000	19,700
Minimum input rating (Btu/hr)	14,500	14,500
Orifice size DMS 0-1370 m	40	53
Man. pressure- HI setting (in.w.c./kPa)	3.5/0.87	10.0/2.48
Man. pressure- LO setting (in.w.c./kPa)	1.2/0.30	3.3/0.80
Inlet pressure-Lo (in.w.c./kPa)	5.0/1.24	11.0/2.88

Compact cabinet -

Requires little floor space; heat output fits smaller home areas.

Large fire viewing area; realistic logs and flame picture -

A perfect focal point for relaxation and enjoyment.

Adjustable heat output -

All the pleasure of fire viewing ambiance, even when little room heat is required.

Certified room heater with double heat exchange system -

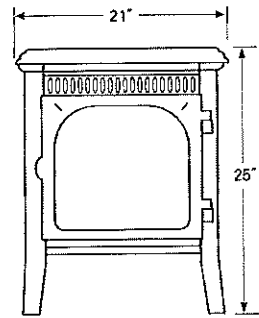
Increased stove efficiency; less heat lost up the chimney means more usable heat for less money.

Millivolt ignition system -

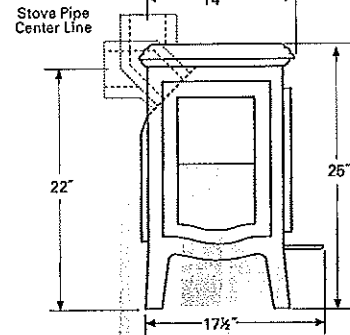
Stove can operate without electricity; excellent source of heat during power outages.

Wall thermostat -

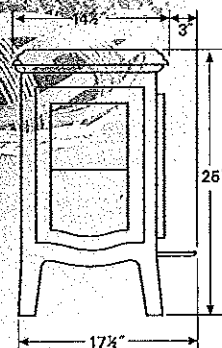
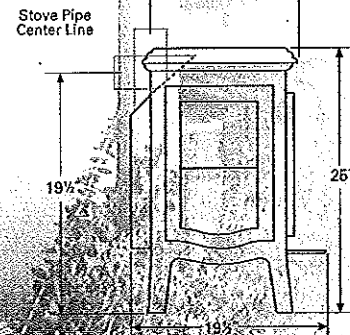
Thermostat turns stove on and off; maintains the home at preset comfort level; desired heat is maintained automatically. Optional programmable thermostat is also available.



Direct-Vent



B-Vent



Refer to pages 31-34 for venting configuration and technical specifications.

Tucson featured with Grey soapstone and green high gloss enamel finish.



Tucson Gas-Fired Stove

	Direct-Vent	B-Vent	Vent-Free
Burn Rate Range:	13,000 - 26,000 BTUs / hr.	13,000 - 26,000 BTUs / hr.	13,500 - 20,000 BTUs / hr.
Steady State Efficiency:	75 - 88%	80 - 86%	99%
Heating Area:	1,200 sq. ft.	1,200 sq. ft.	1,200 sq. ft.
Stone Finish:	Polished Grey Soapstone, Aztec Green Marble, Autumn Brown, Dakota Red, Misty Mauve, Orion Black Granite		
Casting Finish:	Cast iron available in a variety of HearthStone enamel & matte finishes		

HEARTHSTOK GAS-FIRED STOVES

Specifications:	Sterling		Santa Fe		Tucson		Champlain	Stowe	Windsor Bay	DVI-32	
	Direct-Vent	B-Vent	Direct-Vent	Vent-Free	Direct-Vent	B-Vent	Vent-Free	Direct-Vent	Direct-Vent	Direct-Vent	
Width	27"	27"	25"	25"	21"	21"	21"	26-1/2"	22"	29"	27-3/4"
Height	27"	27"	27"	27"	25"	25"	25"	26"	26"	25"	19-3/4"
Depth	21-1/2"	24"	22"	15"	17 1/2"	19 1/2"	17 1/2"	17"	17"	16-1/2"	16"
Flue Diameter	4 x 6-5/8" or 5 x 8"	4"	4 x 6-5/8"	-	4"	4"	n/a	4 x 6-5/8"	4 x 6-5/8"	Two 3" co-linear	Two 3" co-linear
Flue Exit	Rear, or top exit with adapter	Reversible, top or rear	45 degree exit	-	45 degree exit	Reversible, top or rear	n/a	45 degree exit	45 degree exit	Top exit	Top exit
Available for NG or LP	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Optional Blower Kit	yes	yes	yes	no	yes	yes	yes	yes	yes	yes	yes
Wall Thermostat and Thermostat Wire	included	yes	included	included	included	yes	no	yes	yes	included	included
Built-In Three-way "On-Off-Thermostat" Switch	included	included	included	included	included	included	included	included	included	included	included
Programmable Thermostat Compatible	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Remote Control Compatible	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Mobile Home Certified	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Actual Weight (lbs)	230	230	205	200	155	155	155	160	200	200	185
Shipping Weight (lbs) (1)	260	260	220	220	200	200	200	200	240 (1)	240 (1)	215 (1)
Performance:											
"Variable Flame Height" BTU Range (2)	18,000 to 36,000	20,000 to 40,000	18,000 to 36,000	25,000 to 37,000	13,000 to 26,000	13,000 to 26,000	13,500 to 20,000	18,000 to 36,000	13,000 to 26,000	20,000 to 32,000	20,000 to 32,000
Steady State Efficiency (3)	77 - 89%	80 - 88%	77 - 89%	99%	75 - 88%	80 - 86%	99%	71 - 89%	71 - 88%	80 - 88%	75 - 87%
AFUE (3)	74	74	72	-	71	76	-	66	66	71	71
Heating Capacity (4): Up to...	1,800 sq ft	1,800 sq ft	1,800 sq ft	1,800 sq ft	1,200 sq ft	1,200 sq ft	1,200 sq ft	1,200 sq ft	1,200 sq ft	1,500 sq ft	1,500 sq ft
Clearances: (5)											
Minimum Clearance to Combustibles	Key										
Side	4"	4"	4"	4"	2"	2"	2"	4"	2"	n/a	n/a
Rear	2"	2"(6)	2"	4"	3"	2"	2"	2"	3"	n/a	n/a
Corner	2"	2"	2"	4"	2"	2"	2"	2"	2"	n/a	n/a

(1) Shipping weight includes facade and small surround.

(2) Ratings shown are with NG; LP ratings are similar.

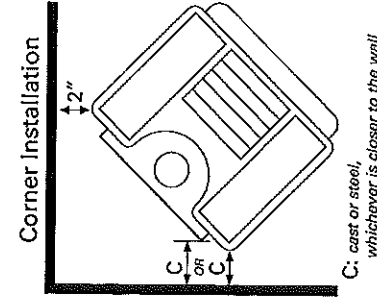
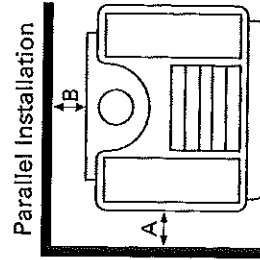
(3) Steady state efficiencies vary dependent upon installation, venting configuration, altitude, gas values and other installation variables.

(4) Heating capacity is an approximation dependent upon floor plan, house construction, venting configuration, heat loss and geographic location of home.

(5) Clearances on this page are for reference only. Refer to Owner's Manual for exact specifications prior to installation.

(6) 6" if using single-wall B-Vent pipe.

Installation: Check with state and local codes as well as gas suppliers regarding installation of gas products. Install in accordance with manufacturer's instructions and local codes, if any; if not, follow ANSI Z223.1 (NFPA54) U.S. or current CAN/CGAB149 (Canada).

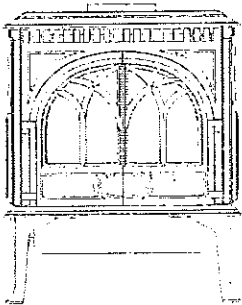


NOTE: All measurements are taken from the closest surface of the unit.



Living Room

Jøtul GF 300 DV Allagash 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.

GF 300 DV Specifications

Input Rates

Natural Gas

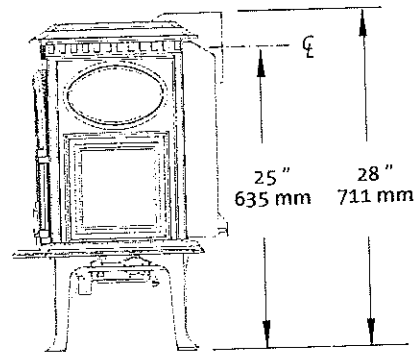
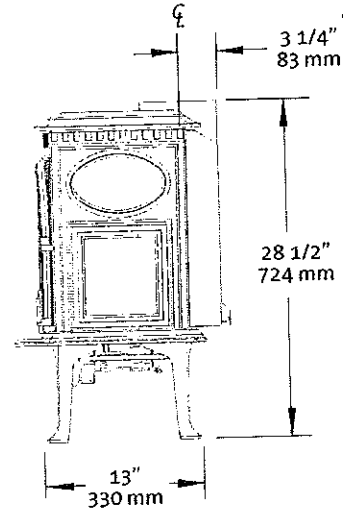
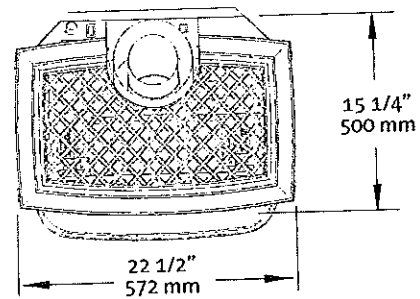
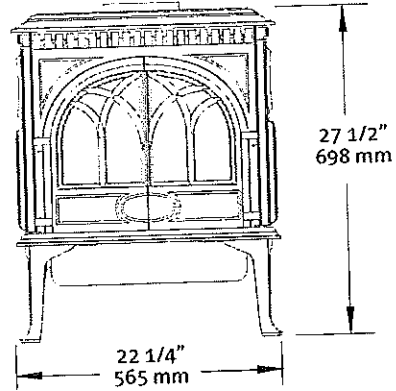
26,000 BTU/hr. maximum input
14,000 BTU/hr. minimum input

Propane

26,000 BTU/hr. maximum input
14,000 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 (2.99 kPa)	14.9 WC (3.71 kPa)
Manifold Pressure:	MIN	MAX
Natural Gas:	1.2 WC (.30 kPa)	3.8 WC (.95 kPa)
Propane:	2.9 WC (.722 kPa)	11.0 WC (2.74 kPa)

Piezo Ignitor / Standing Pilot



Stove and Vent Clearance Requirements

Minimum Clearances from the Stove to Combustibles: See figs. 2-4.

- Rear: 2" (51 mm)
- Ceiling: 33" (838 mm)
- Corner: 2" (51 mm)
- Right Side: 3" (76 mm)
- Left Side: 10" (254 mm) - for access to Lighting instruction plate

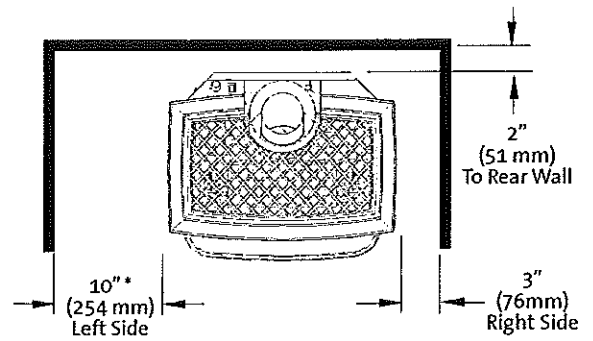
Minimum Clearances from the Vent Pipe to Combustibles:

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)



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

Figure 3. Parallel Installation Clearances.

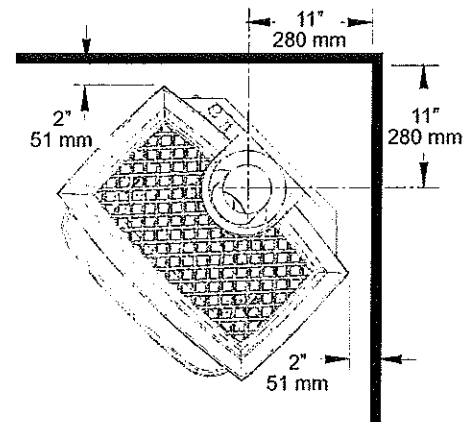


Figure 4. Vent adaptor centerline at minimum clearance to corner walls.

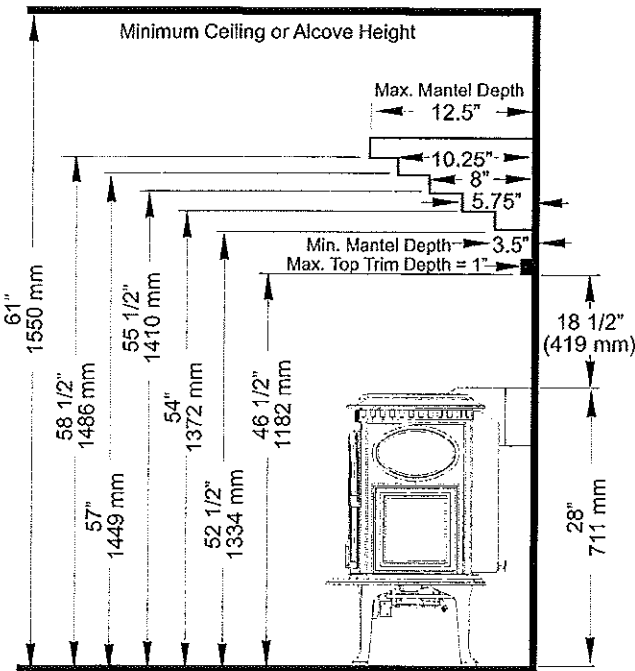


Figure 2. Mantel and Trim Clearance specifications. Subtract 2 1/4" with Short Legs.

Alcove Installation

Maximum Alcove Depth:	24" (610 mm)
Minimum Alcove Width:	36 3/4" (934 mm)
Minimum Ceiling Height:	61" (1549 mm)
With Short Legs (6"):	58 3/4" (1486 mm)

Horizontal Termination

- Any horizontal termination must fall within the shaded portion of the vent window graph illustrated in figs. 9 or 11. For Snorkel Terminations, see below.
- Any horizontal termination except a snorkel termination, must include:
 - 1) Minimum rise of 24 in.
 - 2) Minimum horizontal run of 12 in. when vertical run is less than 8 ft.
 - 3) Vertical run no more than 35 ft.
 - 4) Horizontal run no more than 27 ft.
 - 5) No more than four 45° or two 90° Elbows
- The horizontal termination cap must maintain a 3" clearance to any overhead combustible projections 2 1/2" or less. It must also maintain 12" clearance from projections exceeding 2 1/2". See fig. 21.
- Wall Cut-out Opening: A minimum 10" X 10" (250 mm x 250 mm) square hole is required for proper pipe clearances through a combustible wall.

DO NOT FILL AIR SPACE WITH ANY TYPE OF INSULATION.

- Any horizontal run of vent must be level or have a 1/4 in. rise for every foot of run toward the termination cap. NEVER ALLOW THE VENTING TO RUN DOWNWARD FROM STOVE TO TERMINATION; DOWNWARD VENT RUNS TRAP HEAT AND CAUSE HIGH TEMPERATURES TO DEVELOP WITHIN THE VENT THAT COULD START A FIRE.
- Install a Vinyl Siding Standoff (Simpson Dura-Vent #950) between the vent termination and an exterior wall covered by vinyl siding material to prevent potential heat damage to the siding.
- Do not recess the termination cap into a wall or siding.

Snorkel Terminations

- THE AIR INLET RESTRICTOR MUST BE SET FULLY OPEN FOR ANY SNORKEL TERMINATION. See Fig. 6, pg. 9.
- With a 14" Snorkel:

The horizontal run made directly off the rear of the stove into a 14" snorkel cap should include no more than a single 12" straight section as shown in fig. 17. One 45° Elbow may be used for a corner installation as shown in fig. 19.
- With a 36" Snorkel:

The maximum horizontal run may be no more than 6 ft. (182 cm.)

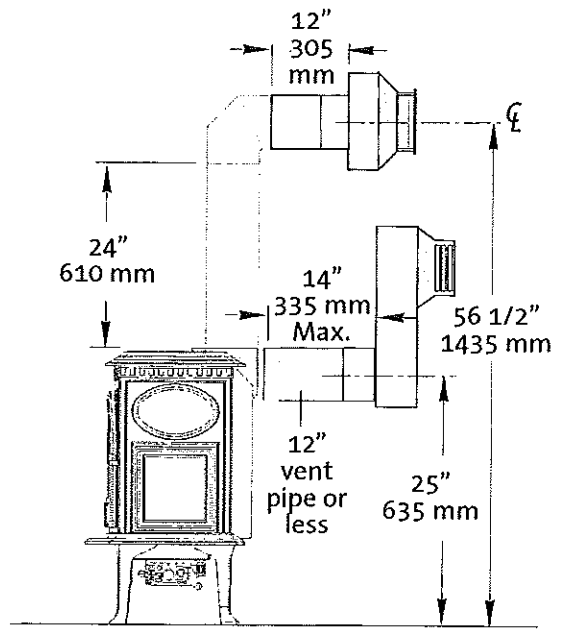


Figure 17.

- Minimum vent for horizontal termination.
- 14" Maximum horizontal run directly off rear of stove with 14" Snorkel termination.

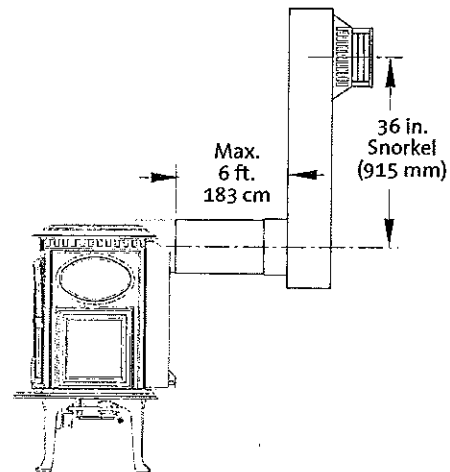


Figure 18. Maximum Horizontal with 36" Snorkel Termination.

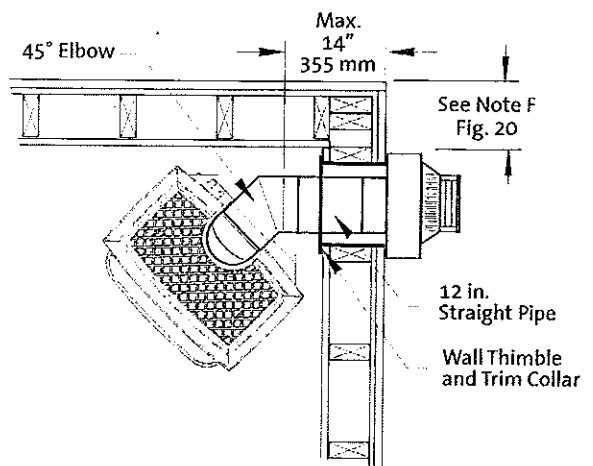


Figure 19. Corner Installation with 14" Snorkel Termination.