

City of Portland, Maine - Building or Use Permit Application

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

Permit No: 05-0277	Issue Date: MAR 30 2005	CBL: 156 F006052
Owner Address: 163 Mountain Rd	Contractor Address: 37 Marlborough Rd Portland	Phone: 2078381828
Permit Type: HVAC	Zone: R-3	

Location of Construction: 610 Baxter Blvd	Owner Name: Back Cove Estates Llc
Business Name:	Contractor Name: Jeda Mechanical
Lessee/Buyer's Name	Phone:

Past Use: Multi family	Proposed Use: Multi family Install a Regency Gas Fireplace #52
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leg. Al current use; 65 Residential Condominiums

Permit Fee: \$48.00	Cost of Work: \$3,000.00	CEO District: 4
FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: R2 Type: HVAC	
Signature: <i>[Signature]</i>	Signature: <i>JMB 3/29/05</i>	
PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)		
Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied		
Signature: _____ Date: _____		

Proposed Project Description:
Install a Regency Gas Fireplace #52

Permit Taken By: dmartin	Date Applied For: 03/18/2005	Zoning Approval	
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<p>1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.</p> <p>2. Building permits do not include plumbing, septic or electrical work.</p> <p>3. 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..</p>	<p>Special Zone or Reviews</p> <p><input checked="" type="checkbox"/> Shoreland <i>within</i></p> <p><input type="checkbox"/> Wetland</p> <p><input type="checkbox"/> Flood Zone</p> <p><input type="checkbox"/> Subdivision</p> <p><input type="checkbox"/> Site Plan</p> <p>Maj <input type="checkbox"/> Minor <input checked="" type="checkbox"/> MM</p> <p><i>OK</i> Date: <i>3/21/05</i></p>	<p>Zoning Appeal</p> <p><input type="checkbox"/> Variance</p> <p><input type="checkbox"/> Miscellaneous</p> <p><input type="checkbox"/> Conditional Use</p> <p><input type="checkbox"/> Interpretation</p> <p><input type="checkbox"/> Approved</p> <p><input type="checkbox"/> Denied</p> <p>Date: _____</p>	<p>Historic Preservation</p> <p><input checked="" type="checkbox"/> Not in District or Landmark</p> <p><input type="checkbox"/> Does Not Require Review</p> <p><input type="checkbox"/> Requires Review</p> <p><input type="checkbox"/> Approved</p> <p><input type="checkbox"/> Approved w/Conditions</p> <p><input type="checkbox"/> Den</p> <p>Date: <i>[Signature]</i></p>
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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



FILL IN AND SIGN WITH INK

177-10000

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 _____, Use of Building _____ Date _____

Name and address of owner of appliance _____

Installer's name and address _____

Telephone _____

Location of appliance:

- Basement
- Attic
- Floor
- Roof

Type of Fuel:

- Gas
- Oil
- Solid

Appliance Name: _____

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 # 201197
- Other _____

Type of Chimney:

- Masonry Lined
Factory built _____
- Metal
Factory Built U.L. Listing # _____
- Direct Vent
Type _____ UL# _____

Type of Fuel Tank

- Oil
- Gas

Size of Tank _____

Number of Tanks _____

Distance from Tank to Center of Flame _____ feet.

Cost of Work: \$ _____

Permit Fee: \$ _____

Approved

Fire: _____

Ele.: _____

Bldg.: _____

Approved with Conditions

- See attached letter or requirement

Inspector's Signature _____

Date Approved _____

Signature of Installer _____

City of Portland, Maine - Building or Use Permit

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Permit No: 05-0277	Date Applied For: 03/18/2005	CBL: 156 F006052
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Business Name:	Contractor Name: Jeda Mechanical	Contractor Address: 37 Marlborough Rd Portland	Phone: (207) 838-1828
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	

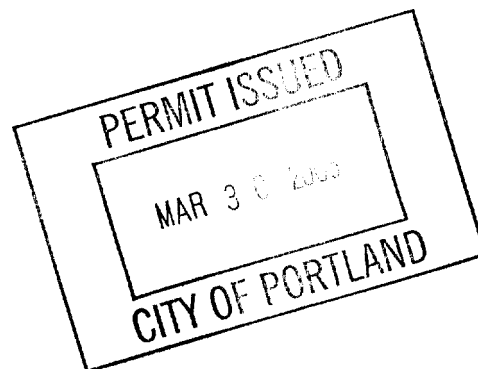
Proposed Use: Multi family Install a Regency Gas Fireplace for unit #52	Proposed Project Description: Install a Regency Gas Fireplace - for unit #52
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Dept: Zoning **Status:** Approved **Reviewer:** Marge Schmuckal **Approval Date:** 03/21/2005
Note: **Ok to Issue:**

Dept: Building **Status:** Approved **Reviewer:** Jeanine Bourke **Approval Date:** 03/29/2005
Note: **Ok to Issue:**

1) The installation must comply with the State of Maine Gas Regulations.

1) Fireplace shall be installed according to manufactures specifications



SAFETY LABEL

This is a copy of the label that accompanies each P36 Zero Clearance Direct Vent Gas Fireplace. We have printed a copy of the contents here for your review. The safety label is located on the front inside base of the unit, visible when the bottom louver is open.

NOTE: FPI units are constantly being improved. Check the label on the unit and if there is a difference, the label on the unit is the correct one.

Copy of Safety Decal for P36-NG3 (Natural Gas)

For the State of Massachusetts, installation and repair must be done by a plumber or gasfitter licensed in the Commonwealth of Massachusetts.

For the State of Massachusetts, flexible connectors shall not exceed 36 inches in length.

For the State of Massachusetts, the appliances individual manual shut-off must be a t-handle type valve.



Listed: GRAVITY DIRECT VENT WALL FURNACE
 Certified for: CAN/CGA-2.17-M91, ANSI Z21.880-2003/CSA 2.330-2003
 Tested to: CAN/CGA-2.17-M91, ANSI Z21.880-2003/CSA 2.330-2003
 Report No. 476-3059100 (June 2004)

MAY BE INSTALLED IN MANUFACTURED (MOBILE) HOMES AFTER FIRST SALE.

DO NOT REMOVE THIS LABEL / NE PAS ENLEVER CETTE ÉTIQUETTE



Serial No. / No de serie

213

NATURAL GAS: Model P36-NG3

Minimum supply pressure	5" WC (1.25 kPa)
Manifold pressure high	3.8" WC (0.95 kPa)
Manifold pressure low	1.1" WC (0.27 kPa)
Orifice size	# 37 DMS
Minimum input	15,500 Btu/h (4.54 kW)
Maximum input	30,000 Btu/h (8.79 kW)
Altitude	0-4500 ft/pl (0-1372 m) Paltitude

APPAREIL FONCTIONNANT AU NATURAL GAS CONCU POUR ETRE POELE: Modèle P36-NG3

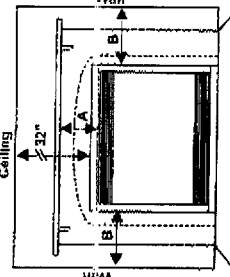
Pression d'alimentation minimum	5" WC (1.25 kPa)
Pression à la tubulure d'échappement élevée	3.8" WC (0.95 kPa)
Pression à la tubulure d'échappement basse	1.1" WC (0.27 kPa)
Grandeur de l'injecteur	# 37 DMS
Débit Calorique minimum selon	15,500 Btu/h (4.54 kW)
Débit Calorique maximum selon	30,000 Btu/h (8.79 kW)
Paltitude	0-1372 m

VENTING: This appliance must be installed in accordance with the manufacturer's installation instructions and with local codes, if any, if not, follow the current ANSI Z223.1 in the USA or the current CAN 1-B149 in Canada. For Manufactured Home installation: This Direct Vent System Appliance must be installed in accordance with the manufacturer's installation instructions and Manufactured Home Construction and Safety Standard Title 24 CFR, Part 3280, or the current Standard for Fire Safety Criteria for Manufactured Home Installations, Sites, and Communities ANSI/NFPA 501A, and with CAN/CSA 2240 MH Mobile Home Standard in Canada.

Fan (Part # 432-917) Optional Bay Window (Part #780-931) Option: HeatWave Kit # 946-556

Electrical supply 115VAC, 1.13 A, 60Hz. Not for use with solid fuel.

Minimum Clearances to Combustibles
 (Dépassement Minimum Des Matériaux Combustibles)



9" Clearances to combustibles from: Top, sides, bottom and rear of unit
 Mantel Clearances from Top:
 A) 8" (203mm)
 B) 8" with Barcelona Trim

Side Wall Clearance from Side Facing
 8) 6" with Flush or Bay Front
 8) 8" with Barcelona Trim

Allowance approved for Bay & Flush Louvers.
 Alcove Clearances:
 Max Depth: 36" (914mm)
 Min Width: 48" (1219mm)
 Min. Height: 72" (1829mm)

Vertical Vent
 1-1/4" (32mm)

The "Bay Louvers" MUST be used with the Bay Glass option.
DOOR SEAL: Please check that the door is properly sealed.
 (See Instruction Manual for Detailed Instructions)

FPI Fireplace Products International Ltd.
 Delta, BC, Canada

906-792c

Made in Canada / Fabriqué au Canada

P36 (2)

INSTALLATION

CLEARANCES

The clearances listed below are Minimum distances unless otherwise stated:

A major cause of chimney related fires is failure to maintain required clearances (air space) to combustible materials. It is of the greatest importance that this fireplace and vent system be installed only in accordance with these instructions.

IMPORTANT: See page 16 for framing note on Barcelona Trim and Palace Series Fronts.

Clearance to Combustible-from:

Back	0"	(0mm)
Side	0"	(0mm)
Floor	0"	(0mm)

NOTE: The minimum floor clearance must be maintained from the top surface of the carpeting, tile, etc.

Minimum Clearance from Top of Unit to:

Ceiling from top of unit.	32"	(1016mm)
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Side Wall Clearances:

Bay or Flush Front	6"	(152mm)
Barcelona Trim	6"	(152mm)
Cast Faceplate	6"	(152mm)
Kensington Front	6"	(152mm)
Balmoral & Westminster Front	6"	(152mm)

* Measured from Surround or Front. See page 14 for dimensions.

Horizontal Vent Clearances:

Top	2"	(51mm)
Side	1-1/2"	(38mm)
Bottom	1-1/2"	(38mm)


Vertical Vent Clearances 1-1/4" (32mm)

Alcove Clearances:**

Max. Depth	36"	(914mm)
Min. Width	48"	(1219mm)
Min. Height	72"	(1829mm)

**Approved for one sidewall installation only when using Barcelona Trim.

WARNING: Fire hazard is an extreme risk if these clearances are not adhered to.



The *HeatWave* Duct Kit and the Heat Release Kit have different clearance and framing requirements, check the *HeatWave* and Heat Release manual for details.

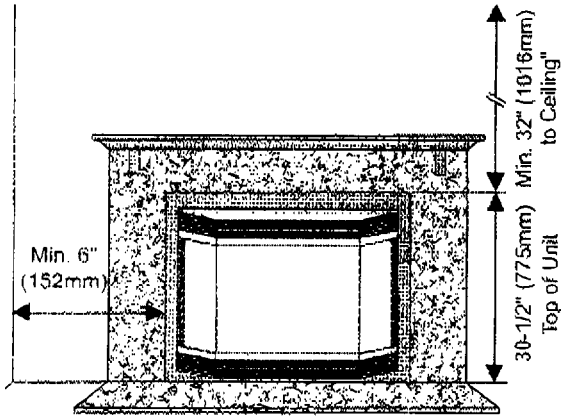
Heat Release Kit

Barcelona & Double Screen Door Installations

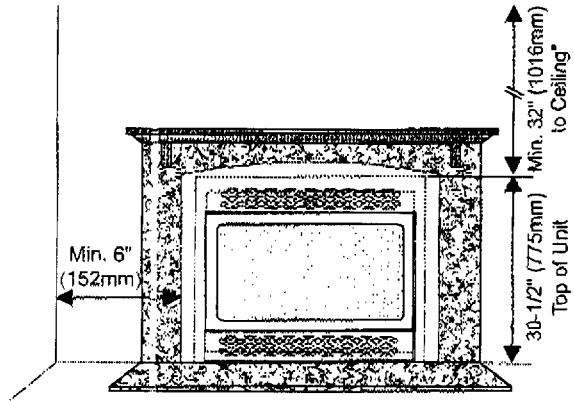
TO install the combination of the Barcelona front and screen doors you must use non-combustible mantel in conjunction with the already required framing specs for the Barcelona front. Stool studs and non-combustible material on the facing must be adhered to.

INSTALLATION

REGENCY CLEARANCES

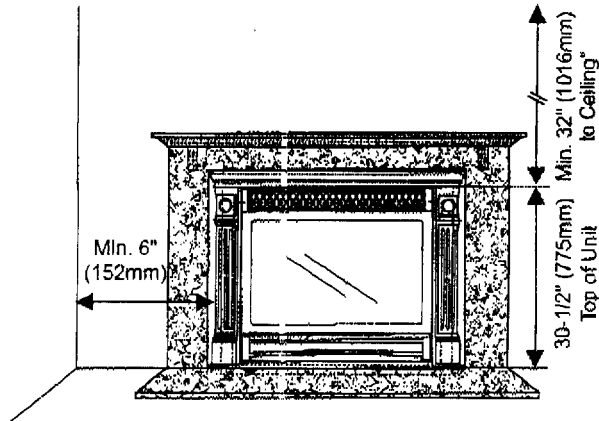


Clearances for Bay or Flush Front

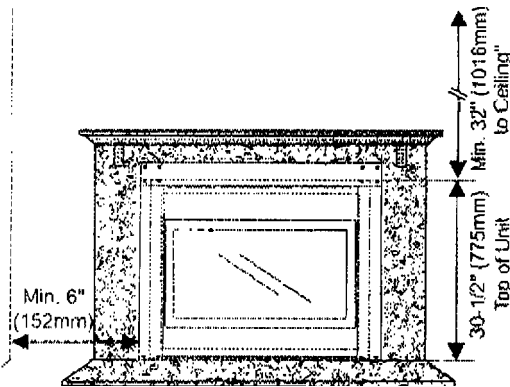


Clearances for Barcelona Trim

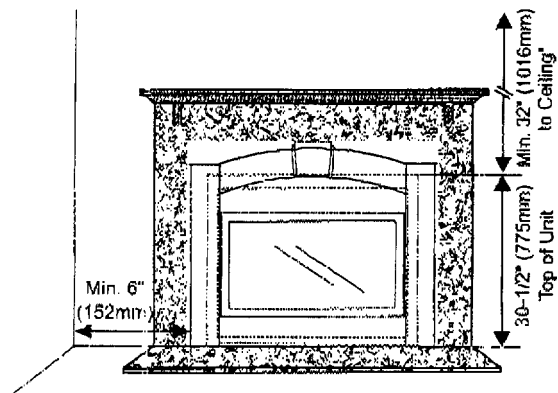
HAMPTON CLEARANCES



PALACE SERIES CLEARANCES



Clearances for The Balmoral & The Westminster Front



Clearances for The Kensington Front

P36 (4)

INSTALLATION

REGENCY COMBUSTIBLE MANTEL CLEARANCES

Because of the extreme heat this fireplace emits, the mantel clearances are critical. Combustible mantel clearances from top of unit are shown in Diagrams 1, 2, & 3. Note: A non-combustible mantel may be installed at a lower height if the framing is made of metal studs covered with a non-combustible board.

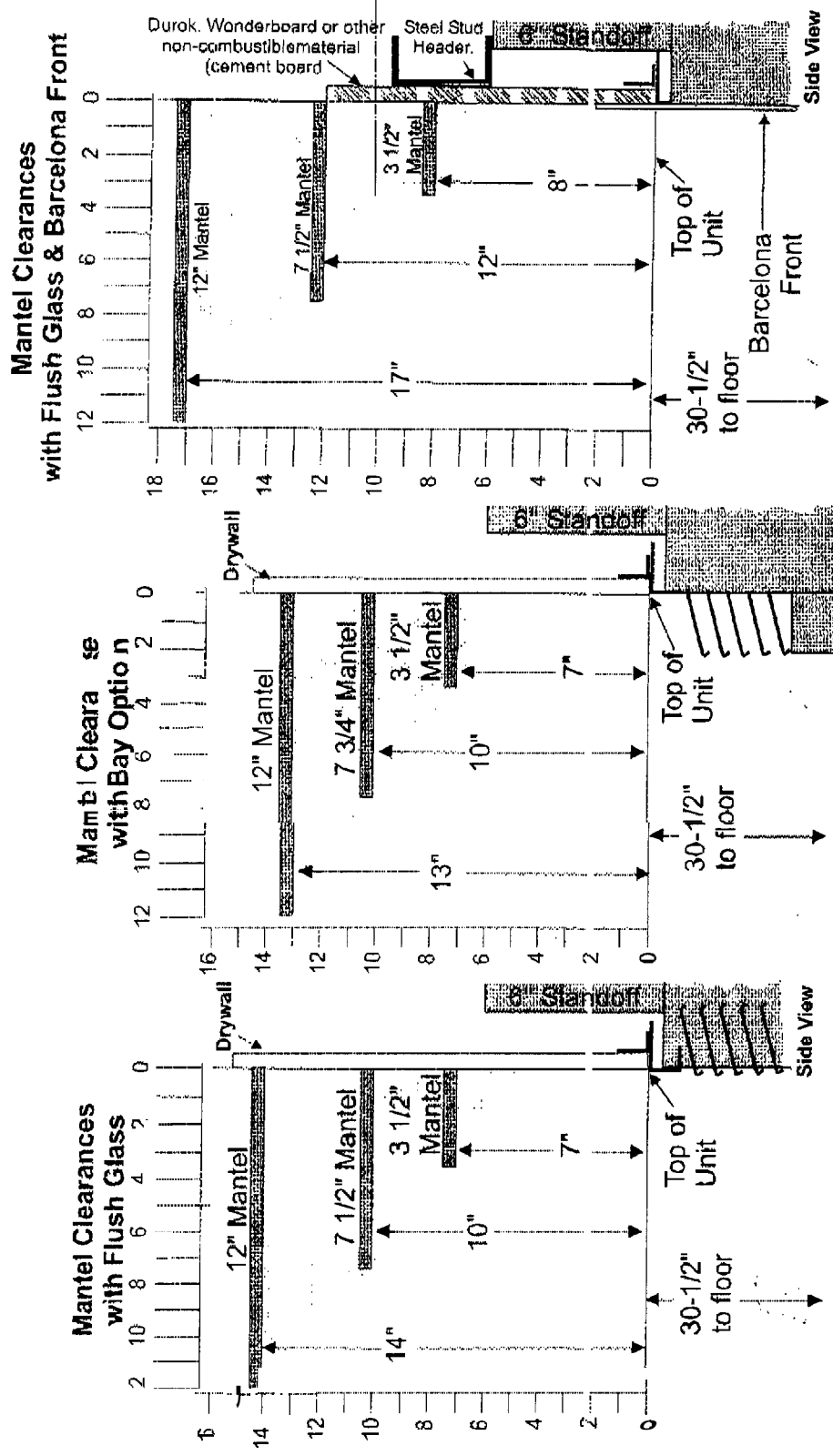


Diagram 1, Diagram 2, Diagram 3

These drawings are to scale at 1/8 (one inch = 6 inches). Mantel can be installed anywhere in shaded area or higher using the above scale.

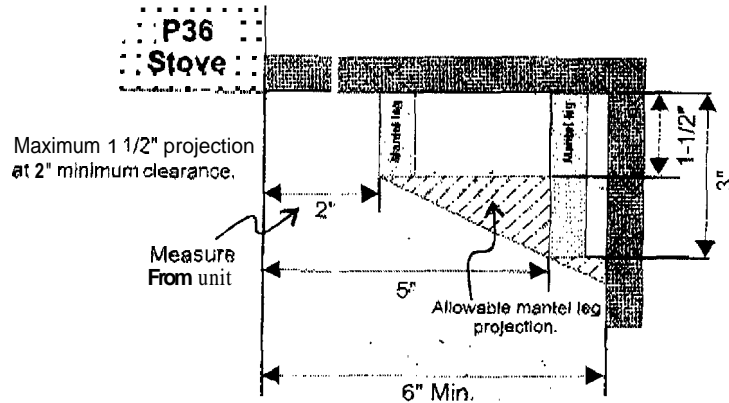
Note: Ensure the paint that is used on the mantel and the facing is "heat resistant" or the paint may discolour.

INSTALLATION

P36 ⑤

REGENCY MANTEL LEG CLEARANCES

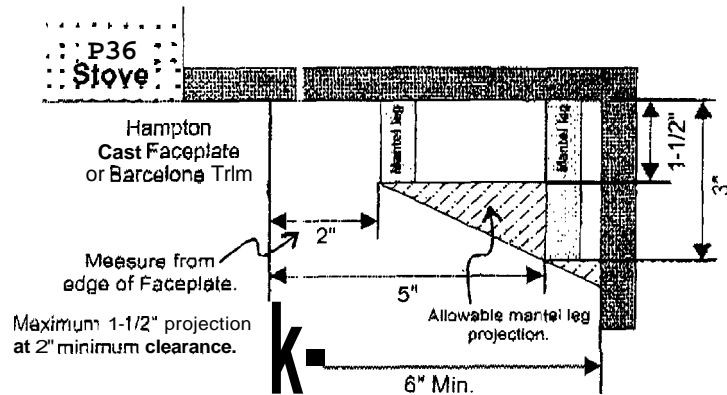
Combustible mantel leg clearances as per diagram:



HAMPTON & BARCELONA TRIM MANTEL LEG CLEARANCES

Combustible mantel leg clearances as per diagram:

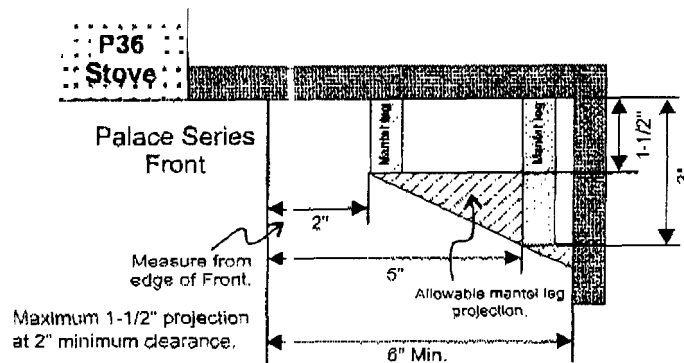
Hampton Cast Faceplate Width: 43-7/14"
Barcelona Trim Width: 40"



PALACE SERIES MANTEL LEG CLEARANCES

Combustible mantel leg clearances as per diagram:

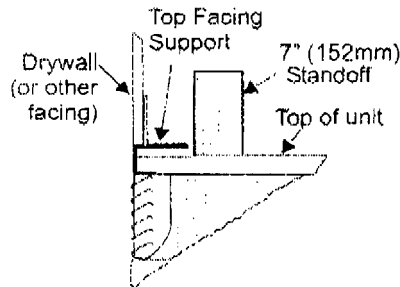
Kensington Front Width: 42-5/8"
Balmoral Front Width: 40-5/8"
Westminster Front Width: 40-5/8"



INSTALLATION

FRAMING AND FINISHING

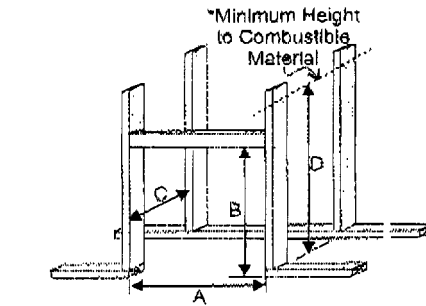
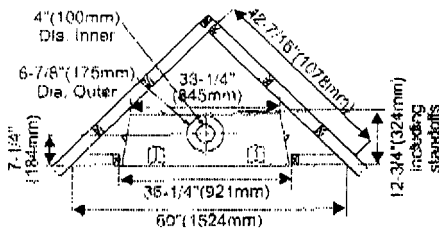
- 1) Determine the total thickness of facing material (e.g. drywall plus ceramic tiles) to allow the finished surface to be flush with the front of the unit. Total facing thickness can vary from 1/2" (13mm) to 1-1/4" (32mm) thick



Install Side Nailing Strips, Top Facing Support, and Top Standoffs before unit is slipped into position. See page 16 for assembly details.

- 2) Frame in the enclosure for the unit with framing material. The framed opening is 36-1/4" high x 36-1/4" wide x 12-3/4" deep (921mm high x 921mm wide x 324mm deep).

Note: Header must be installed vertically. If Header is installed horizontally, it must be steel.

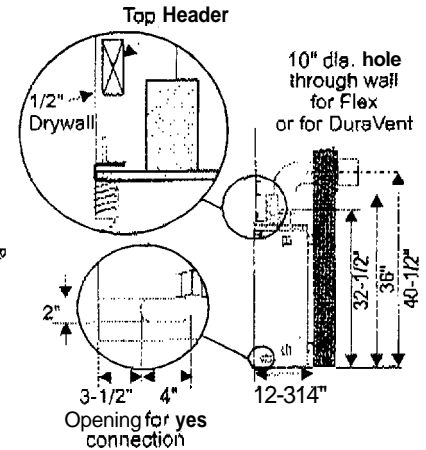


NOTE; See next page for important Barcelona and Palace Series framing note.

Framing Dimensions			
A	B	C	D
36-1/4"	36-1/4"	12-3/4"	46"*
921mm	921mm	324mm	1168mm*

* D is Minimum height to combustible materials including the Minimum 2" (51mm) Top clearance to the Horizontal Vent.

- 3) For exterior walls, insulate the enclosure to the same degree as the rest of the house, apply vapour barrier and drywall, as per local installation codes. (Do not insulate the fireplace itself.)
- 4) The top of the unit must not be closer than 32" (813mm) to the ceiling.



Note: 40-1/2" (1029mm) is the minimum height for both flex termination or Simpson Dura-Vent venting.

Note: The unit does not have to be completely enclosed in a chase. The clearance on top of the unit is 0" to the standoffs so combustible building materials can be laid directly on top of the standoffs. You must maintain 1-1/2" (38mm) clearance from the vent to combustible materials for flex (1-1/4" for Simpson Dura-Vent).

- 5) Use steel studs for framing where the 1-1/2" (38mm) clearance from the vent to combustible material cannot be maintained, e.g. front top header.