

**City of Portland, Maine - Building or Use Permit Application**

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

Permit No:	05-0276	Issue Date:	MAR 30 2005	Obj. #:	116 F006035
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Location of Construction: 610 Baxter Blvd	Owner Name: Ferris Geraldine G	Owner Address: 610 Baxter Blvd #35	Phone:
Business Name:	Contractor Name: Jeda Mechanical	Contractor Address: 37 Marlborough Rd Portland	Phone: 2078381828
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	Zone: R-3

Past Use: multi- family	Proposed Use: multi- family Install a Regency Gas Fireplace unit # 35	Permit Fee: \$48.00	Cost of Work: \$3,000.00	CEO District: 4
Install a Regency Gas Fireplace  <i>regal current use; 65 residential condominiums</i>		FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: R2 Type: HVAC	
		Signature: (P.A.D.)	Signature: MB 3/29/05	
		Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied	Date:	

Permit Taken By: dmartin	Date Applied For: 03/18/2005	<b>Zoning Approval</b>		
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<b>Special Zone or Reviews</b> <input checked="" type="checkbox"/> Shoreland <i>within</i> <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/> Date: <i>ok 3/21/05</i>	<b>Zoning Appeal</b> <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:	<b>Historic Preservation</b> <input checked="" type="checkbox"/> Not in District 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 checked="" type="checkbox"/> Denied Date:
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**CERTIFICATION**

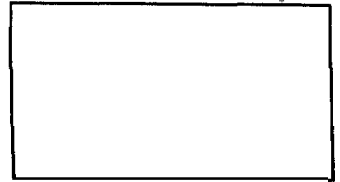
I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition,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

# 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 # \_\_\_\_\_
- 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**

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

<b>Permit No:</b> 05-0276	<b>Date Applied For:</b> 03/18/2005	<b>CBL:</b> 156 F006035
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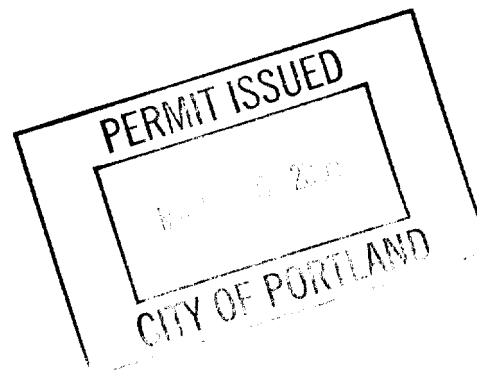
<b>Location of Construction:</b> 610 Baxter Blvd	<b>Owner Name:</b> Ferris Geraldine G	<b>Owner Address:</b> 610 Baxter Blvd # 35	<b>Phone:</b>
<b>Business Name:</b>	<b>Contractor Name:</b> Jeda Mechanical	<b>Contractor Address:</b> 37 Marlborough Rd Portland	<b>Phone</b> (207) 838-1828
<b>Lessee/Buyer's Name</b>	<b>Phone:</b>	<b>Permit Type:</b> HVAC	
<b>Proposed Use:</b> multi- family Install a Regency Gas Fireplace for unit #35		<b>Proposed Project Description:</b> Install a Regency Gas Fireplace for unit #35	

**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.

**Dept:** Fire**Status:** Approved with Conditions**Reviewer:** Lt. MacDougal**Approval Date:** 03/21/2005**Note:****Ok to Issue:** 

- 1) Fireplace shall be installed according manufactures specifications



P33 ①

# SAFETY LABEL

This is a copy of the label that accompanies each P33-3 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:** Regency 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.

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.

**DO NOT REMOVE THIS LABEL / NE PAS ENLEVER CETTE ÉTIQUETTE**

**REGENCY™**  
FIREPLACE PRODUCTS

Serial No./No de serie: \_\_\_\_\_ 259

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**LISTED: VENTED GAS FIREPLACE HEATER**  
Certified for/Certifiée pour: CANADA and U.S.A.  
Tested to: CAN/CGA-2.17-M91.  
ANSI Z21.88-2002/CSA 2.33-2002.  
Report No. 476-3055862

**WILMOTK HENSON**  
**USA**

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

**APPAREIL FONCTIONNANT AU NATUREL GAS**  
**CONCU POUR ETRE POELE: Modèle P33R-NG3**

Pression d'alimentation minimum  
Pression a la tubulure d'échappement élevée  
Pression a la tubulure d'échappement basse  
Débit Calorifique minimum selon l'altitude  
Débit Calorifique maximum selon l'altitude

Minimum supply pressure	WC (1.25 kPa)
Manifold pressure high	WC (0.95 kPa)
Manifold pressure low	WC (0.27 kPa)
Orifice size	DMS # 44
Minimum input	12,500 Btu/h (3.66 kW)
Maximum input	22,500 Btu/h (6.59 kW)
Altitude	0-2000 ft/pi (0-610 m)
Minimum input	21,000 Btu/h (6.15 kW)
Maximum input	10,500 Btu/h (3.07 kW)
Orifice size	# 45
Altitude	2000-4500 ft/pi (610-1372m)

**APPAREIL FONCTIONNANT AU PROPANE**  
**CONCU POUR ETRE POELE: Modèle P33R-LP3**

Pression d'alimentation minimum  
Pression a la tubulure d'échappement élevée  
Pression a la tubulure d'échappement basse  
Débit Calorifique minimum selon l'altitude  
Débit Calorifique maximum selon l'altitude

Minimum supply pressure	WC (2.99 kPa)
Manifold pressure high	WC (2.74 kPa)
Manifold pressure low	WC (0.82 kPa)
Orifice size	DMS # 54
Minimum input	10,500 Btu/h (3.07 kW)
Maximum input	21,500 Btu/h (6.30 kW)
Altitude	0-4500 ft/pi (0-1372 m)

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**NATURAL GAS: Model P33-NG3**

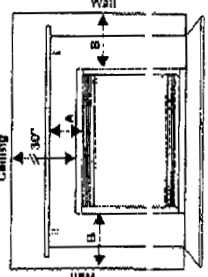
Minimum supply pressure 5"  
Manifold pressure high 3.8"  
Manifold pressure low 1.1"  
Orifice size # 44  
Minimum input 12,500 Btu/h  
Maximum input 22,500 Btu/h  
Altitude 0-2000 ft/pi  
Minimum input 21,000 Btu/h  
Maximum input 10,500 Btu/h  
Orifice size # 45  
Altitude 2000-4500 ft/pi

**PROPANE: Model P33-LP3**

Minimum supply pressure 12"  
Manifold pressure high 11"  
Manifold pressure low 3.3"  
Orifice size # 54  
Minimum input 10,500 Btu/h  
Maximum input 21,500 Btu/h  
Altitude 0-4500 ft/pi

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**Minimum Clearances to Combustibles**  
Dégagement Minimum De Matériaux Combustibles



0" Clearance to combustibles from: Top, sides, bottom and rear of unit  
Mantel Clearances from Top: (A) Min. 7" (177mm)  
Side Wall Clearance from Side Facing with Flush or Bay Front: (B) 7.5" (191mm)  
Alcove Clearances for Bay & Flush Louvers: Max. Depth 35" (914mm), Min. Width 48" (1219mm), Min. Height 59" (1499mm)

Horizontal Terminations require the use of the AstroCap™ (Part # 946-523)  
Minimum clearance of Vent Terminal to Outside Corner & Inside Corner: 67150mm

The "Bay Louvers" MUST be used with the Bay Glass option

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**Model/Modèle: P33-NG3**

**Model/Modèle: P33-LP3**

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VENTING: Use listed Simpson Dura-Vent GS System or Regency Direct Vent System. Only for direct discharge without duct connection. 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-B-149 in Canada. For Manufactured Home Construction, this Regency Direct Vent System Appliance must be installed in accordance with the manufacturer's installation instructions and Manufactured Home Construction, as set forth in ANSI Z223.1 in the USA 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. This vented gas fireplace heater is not for use with air filters.  
Fan (Part # 432-917) Optional Bay Window (Part #430-930) Option: HeatWave Kit # 946-556  
Electrical supply 115VAC, 1.13 A, 60Hz.  
Not for use with solid fuel.

Door Seal: Please check that the door is properly sealed  
FPI Fireplace Products International Ltd.  
Delta, BC, Canada  
Made in Canada/  
Fabrique au Canada  
918-263

Regency P33-3 Zero Clearance Direct Vent Gas Fireplace

**INSTALLATION****IMPORTANT:  
SAVE THESE  
INSTRUCTIONS**

The P33-NG3 or P33-LP3 Direct Vent Fireplace must be installed in accordance with these instructions. Carefully read all the instructions in this manual first. Consult the "authority having jurisdiction" to determine the need for a permit prior to starting the installation. It is the responsibility of the installer to ensure this fireplace is installed in compliance with manufacturer's instructions and all applicable codes.

**BEFORE YOU START**

Safe installation and operation of this appliance requires common sense, however, we are required by the Canadian Safety Standards and ANSI Standards to make you aware of the following:

**INSTALLATION AND REPAIR SHOULD BE DONE BY A QUALIFIED SERVICE PERSON. THE APPLIANCE SHOULD BE INSPECTED BEFORE USE AND AT LEAST ANNUALLY BY A PROFESSIONAL SERVICE PERSON. MORE FREQUENT CLEANING MAY BE REQUIRED DUE TO EXCESSIVE LINT FROM CARPETING, BEDDING MATERIAL, ETC. IT IS IMPERATIVE THAT CONTROL COMPARTMENTS, BURNERS AND CIRCULATING AIR PASSAGEWAYS OF THE**

**DUE TO HIGH TEMPERATURES,**

**WARNING: FAILURE TO INSTALL THIS APPLIANCE CORRECTLY WILL VOID YOUR WARRANTY AND MAY CAUSE A SERIOUS HOUSE FIRE.**

**CHILDREN AND ADULTS SHOULD BE ALERTED TO THE HAZARDS OF HIGH SURFACE TEMPERATURES, ESPECIALLY THE FIREPLACE GLASS, AND SHOULD STAY AWAY TO AVOID BURNS OR CLOTHING IGNITION.**

**YOUNG CHILDREN SHOULD BE CAREFULLY SUPERVISED WHEN THEY ARE IN THE SAME ROOM AS THE APPLIANCE.**

**CLOTHING OR OTHER FLAMMABLE MATERIAL SHOULD NOT BE PLACED ON OR NEAR THE APPLIANCE.**

**GENERAL SAFETY  
INFORMATION**

- 1) The appliance installation must conform with local codes or, in the absence of local codes, with the current Canadian or National Gas Codes, CAN1-B149 or ANSI Z223.1 Installation Codes.
- 2) The appliance when installed, must be electrically grounded in accordance with local codes, or in the absence of local codes with the current National Electrical Code, ANSI/NFPA 70 or CSA C22.1 Canadian Electrical Code.
- 3) See general construction and assembly instructions. The appliance and vent should be enclosed.
- 4) This appliance must be connected to the specified vent and termination cap to the outside of the building envelope. Never vent to another room or inside a building. Make sure that the vent is fitted as per Venting instructions.
- 5) Inspect the venting system annually for blockage and any signs of deterioration.
- 6) Venting terminals shall not be recessed into a wall or siding.
- 7) Any safety glass removed for servicing must be replaced prior to operating appliance.
- 8) To prevent injury, do not allow anyone who is unfamiliar with the operation to use the fireplace.
- 9) Wear gloves and safety glasses for protection while doing required maintenance.

10) Be aware of electrical wiring locations in walls and ceilings when cutting holes for termination.

11) Under no circumstances should this appliance be modified. Parts that have to be removed for servicing should be replaced prior to operating this appliance.

12) Installation and any repairs to this appliance should be done by a qualified service person. A professional service person should be called to inspect this appliance annually. Make it a practice to have all of your gas appliances checked annually.

13) Do not slam shut or strike the glass door.

14) Under no circumstances should any solid fuels (wood, paper, cardboard, coal, etc.) be used in this appliance.

15) The appliance area must be kept clear and free of combustible materials, (gases and other flammable vapours and liquids).

Emissions from burning wood or gas could contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

**MANUFACTURED  
MOBILE HOME  
ADDITIONAL  
REQUIREMENTS**

- 1) Ensure that structural members are not cut or weakened during installation.
- 2) Ensure proper grounding using the #8 ground lug provided. See page 34.

# INSTALLATION

P33 (3)

## INSTALLATION CHECKLIST

- 1) Locate appliance
  - a) Room location, page 6
  - b) Clearances to Combustibles, page 7
  - c) Mantle Clearances, page 7
  - d) Framing & Finishing Requirements, page 8
  - e) Venting Requirements, pages 10 to 15
- 2) Assemble Top Facing Support and Side Nailing Strips, page 9. (NOTE: must be done before installing unit into fireplace.)
- 3) Install vent, pages 10 to 24.
- 4) Make gas and electrical connections. Test the pilot. Must be as per diagram. Page 25. Convert to Propane if desired, page 26.
- 5) Install brick panels (optional), page 27.
- 6) Install logs and embers and rockwool where indicated on page 27.
- 7) Install Flush Door Front (Standard) and optional Flush Gold Trim, page 28.
- 8) Install optional Double Screen Door, page 28.
- 9) Install Optional Bay Front and optional Bay Gold Trim, page 29.
- 10) Install Louvers (Flush or Bay), pages 28 and 29.
- 11) Install optional Wall Switch, Remote Control, or Wall Thermostat, page 33.
- 11) Install Optional Fan, page 35.
- 13) Final check.

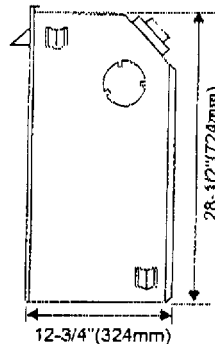
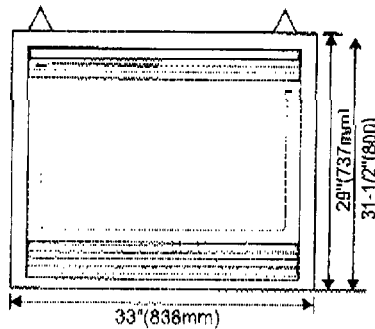
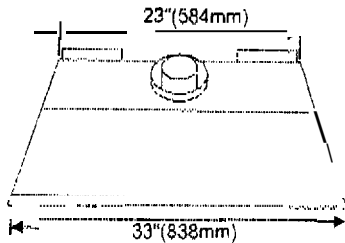
Before leaving this unit with the customer, the installer must ensure that the appliance is firing correctly and operation fully explained to customer.

### This includes:

- 1) Clocking the appliance to ensure the correct firing rate (rate noted on label) after burning appliance for 15 minutes.
- 2) If required, adjusting the primary air to ensure that the flame does not carbon. First allow the unit to burn for 15-20 min. to stabilize.

**CAUTION:** Any alteration to the product that causes sooting or carboning that results in damage is not the responsibility of the manufacturer.

## UNIT DIMENSIONS

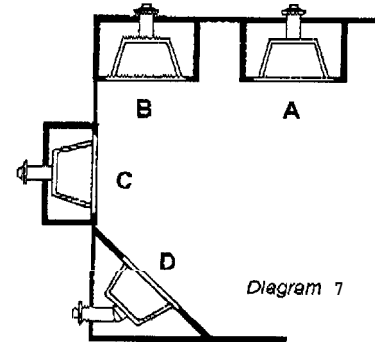


## LOCATING YOUR GAS STOVE

- 1) When selecting a location for your stove ensure that the clearances outlined on this page are met.
- 2) Provide adequate clearances for servicing.
- 3) The appliance must be installed on a flat solid, continuous surface (e.g. wood, metal, concrete). This may be the floor, or raised up on a platform to enhance its visual impact. If the appliance is going to be installed on carpeting, combustible linoleum, tile or other combustible material other than wood flooring, the appliance must be installed on a metal or wood panel extending the full width and depth of the appliance.

- 4) The P33-3 can be installed in a recessed position or framed out into the room as in A, B, C, D. See Diagram 1.
- 5) This appliance is listed for bedroom installations when used with a Listed Millivolt Thermostat. Some areas may have further requirements, check local codes before installation.
- 6) The P33-3 Direct Vent Gas Fireplace is approved for alcove installations, which meet the clearances listed on this page.
- 7) We recommend that you plan your installation on paper using exact measurements for clearances and floor protection before actually installing this appliance. Have a qualified inspector, dealer, or installer review your plans before installation.

Note: For vent terminations see page 10.



- A) Flat on Wall
- B) Flat on Wall Corner
- C) Recessed into Wall/Alcove
- D) Corner

# Heat Wave

## DUCT SYSTEM OPTION KIT #946-556

The **HeatWave Air Duct Kit** increases the effectiveness of your fireplace by dispersing warm air from the fireplace to remote locations in the same room or other rooms in your home.

Up to two kits may be installed on the fireplace. **Please Note:** Only 1 HeatWave kit may be operated at one time. This includes the internal blower option as well.

P33 (4)

# 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.

Clearance to Combustibles 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:

Mantel*	min 7"	(177mm)
Ceiling	30"	(762mm)

from top of unit.

Side Wall Clearance  
 Bay or Flush Front 7-1/2" (191mm)

Minimum Vent Clearances:

2-1/2"	(64mm)	Horizontal Top
1-1/2"	(38mm)	Horizontal Side
1-1/2"	(38mm)	Horizontal Bottom
1-1/4"	(32mm)	Vertical Vent Clearance (Simpson)
1-1/2"	(38mm)	Vertical Vent Clearance (Flex)

Alcove Clearances:

Max. Depth	36"	(914mm)
Min. Width	48"	(1219mm)
Min. Height	59"	(1499mm)

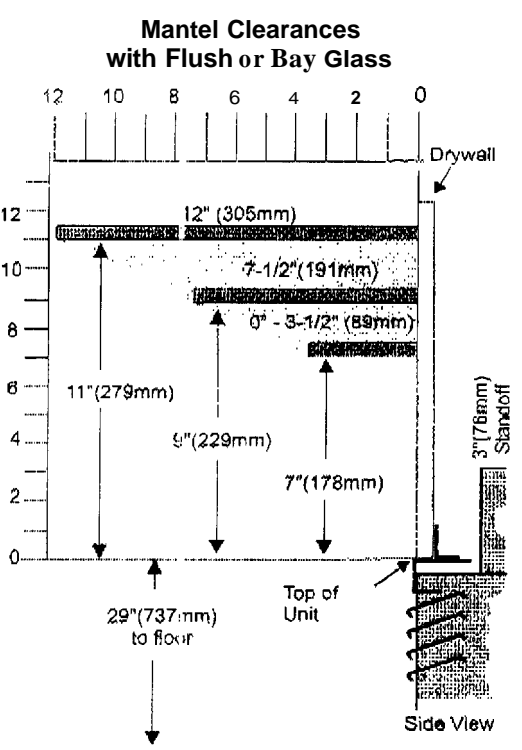
\* see mantel clearance instructions

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

## COMBUSTIBLE MANTELS

Because of the extreme heat this fireplace emits, the mantel clearances are critical. Combustible mantel clearances from top of unit are shown in the diagram below.

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.

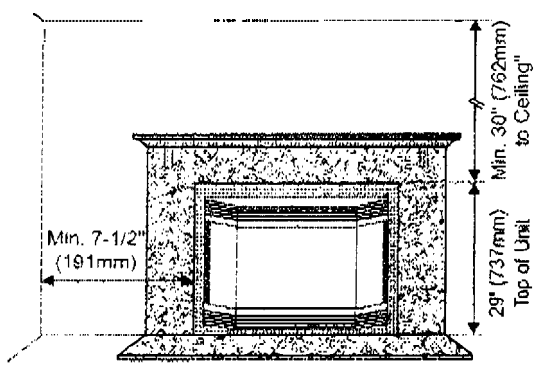


This drawing is to scale at 1:8 (one inch = 6 inches). Mantel can be installed anywhere in shaded area or higher using the above scale.

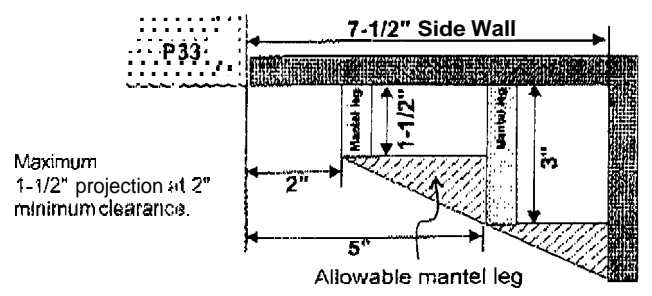
Note: Ensure the paint that is used on the mantel and the facing is "heat resistant" or no paint may discolour.

## MANTEL LEG CLEARANCES

Combustible mantel leg clearances as per diagram below:



Clearances for Ray or Plush Front



**HeatWave**  
 The HeatWave Duct Kit has different clearance and framing requirements. Check the HeatWave manual for details.

# INSTALLATION

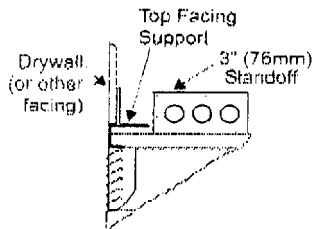
P33

5

## 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.

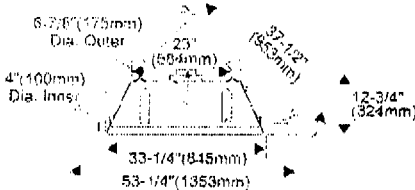
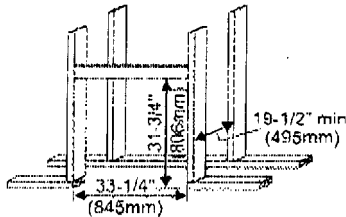
**Install Side Nailing Strips, and Top Facing Support before unit is slipped into position. See page 9 for assembly details.**



- 2) Frame in the enclosure for the unit with framing material.

### Vertical Termination or Vertical Rise with Horizontal Termination

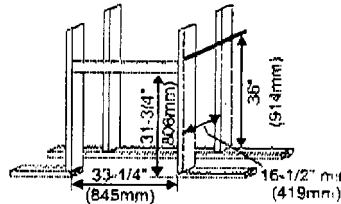
For Both Simpson & Flex



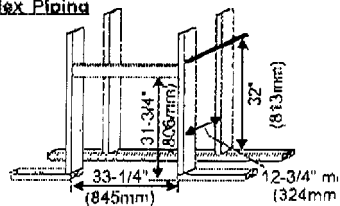
**NOTE:** If this is an outside corner, the minimum distance between the vent and the outside corner is 6" (15cm) with AstroCap termination cap or 12" (30cm) with Dura-Vent termination cap.

### Rear Termination

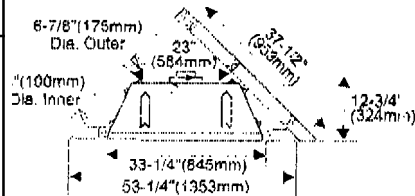
#### Simpson Dura-Vent Piping



#### Flex Piping



#### For Both Simpson & Flex

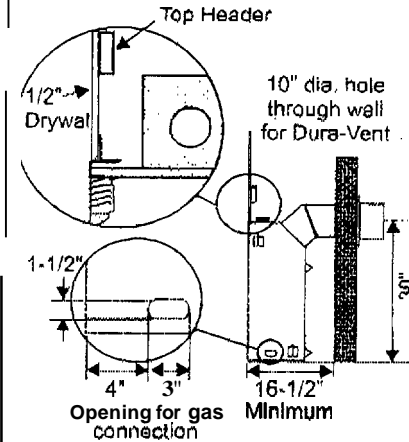


**NOTE:** If this is an outside corner, the minimum distance between the vent and the outside corner is 6" (15cm) with AstroCap termination cap or 12" (30cm) with Dura-Vent termination cap.

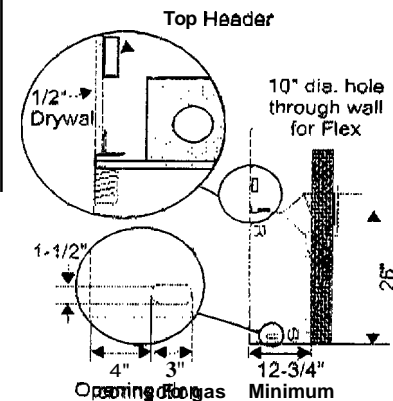
- 3) For exterior walls, insulate the enclosure to the same degree as the rest of the house, apply vapour barrier and drywall, as per local installation codes. (Do not insulate the fireplace itself.)
- 4) The top of the unit must not be closer than 30" (762mm) to the ceiling
- 5) Combustible material may be brought up to the top and sides of the unit and be covered with ceramic tiles, bricks, rock or other suitable combustible finishing materials.

**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 clearance from the vent to combustible materials for hex for Simpson Dura-Vent, see page 7.

### Simpson Dura-Vent Minimum Clearances



### Flex Pipe Minimum Clearances



### Heat Wave

The HeatWave Duct Kit has different clearance and framing requirements, check the HeatWave manual for details.