

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

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

Permit No: 09-0036	Issue Date: 01/14/2009	CBL: 153A A014001
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Location of Construction: 256 HARVARD ST	Owner Name: Washburn Rachel	Owner Address: 256 Harvard	Phone: 207-899-5838
Business Name:	Contractor Name:	Contractor Address:	Phone:
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	Zone: R3

Past Use: Single Family Home	Proposed Use: Single Family Home - Install Vermont Castings Resolute Woodstove	Permit Fee: \$30.00	Cost of Work: \$400.00	CEO District: 4
Proposed Project Description: Install Vermont Castings Resolute Woodstove		FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: R3 Type: SB IRC 2005 IMC 2003	
		Signature: <i>[Signature]</i>		Signature: <i>[Signature]</i> 1/14/09
PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)				
Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied				
Signature: _____ Date: _____				

Permit Taken By: lmd	Date Applied For: 01/13/2009	<b>Zoning Approval</b>
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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><b>Special Zone or Reviews</b></p> <input type="checkbox"/> Shoreland <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>[Signature]</i> 1/14/09	<p><b>Zoning Appeal</b></p> <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: _____	<p><b>Historic Preservation</b></p> <input checked="" type="checkbox"/> Not in District or Landmark <input checked="" 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: <i>[Signature]</i> 1/14/09
	<p><i>OK</i></p>		

**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.

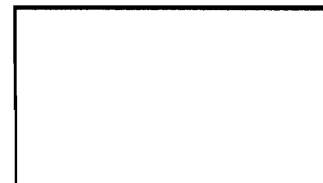
SIGNATURE OF APPLICANT	ADDRESS	DATE	PHONE
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE		DATE	PHONE



FILL IN AND SIGN WITH INK

153A A014

# 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 256 HARVARD ST Portland ME Use of Building Single Family Date 1/9/09  
 Name and address of owner of appliance Rachel L Washburn  
256 HARVARD ST Portland ME 04103  
 Installer's name and address Nathan T Ashworth  
256 HARVARD ST Portland ME 04103 Telephone 1-603-209-2466

### Location of appliance:

- Basement  Floor  
 Attic  Roof

### Type of Fuel:

- Gas  Oil  Solid

Appliance Name: Vermont Castings Resolute wood stove  
 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 # A218  
 Direct Vent  
 Type \_\_\_\_\_ UL# \_\_\_\_\_

### Type of Fuel Tank

- Oil 15 2009  
 Gas

Size of Tank \_\_\_\_\_

Number of Tanks \_\_\_\_\_

Distance from Tank to Center of Flame \_\_\_\_\_ feet.

Cost of Work: \$ 400-

Permit Fee: \$ 30-

### Approved

### Approved with Conditions

Fire: \_\_\_\_\_  
 Ele.: \_\_\_\_\_  
 Bldg.: \_\_\_\_\_

- See attached letter or requirement

Chet York  
 Inspector's Signature

01/14/09  
 Date Approved

Signature of Installer Nathan T Ashworth

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<b>Permit No:</b> 09-0036	<b>Date Applied For:</b> 01/13/2009	<b>CBL:</b> 153A A014001
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<b>Location of Construction:</b> 256 HARVARD ST	<b>Owner Name:</b> MICHAUD BERNARD R & DEBO	<b>Owner Address:</b> 256 HARVARD ST	<b>Phone:</b> 603-209-2466
<b>Business Name:</b>	<b>Contractor Name:</b>	<b>Contractor Address:</b>	<b>Phone:</b>
<b>Lessee/Buyer's Name</b>	<b>Phone:</b>	<b>Permit Type:</b> HVAC	

<b>Proposed Use:</b> Single Family Home - Install Vermont Castings Resolute Woodstove	<b>Proposed Project Description:</b> Install Vermont Castings Resolute Woodstove
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<b>Dept:</b> Zoning	<b>Status:</b> Approved	<b>Reviewer:</b> Chris Hanson	<b>Approval Date:</b> 01/14/2009
<b>Note:</b>	<b>Ok to Issue:</b> <input checked="" type="checkbox"/>		
<b>Dept:</b> Building	<b>Status:</b> Approved with Conditions	<b>Reviewer:</b> Chris Hanson	<b>Approval Date:</b> 01/14/2009
<b>Note:</b>	<b>Ok to Issue:</b> <input checked="" type="checkbox"/>		
1) Maintain proper setback(s) from property lines/buildings and proper clearances from verticle openings when direct venting. 2) Prior to installing the solid fuel appliance, the product information which includes the UL listing shall be submitted. The heating unit shall be installed per the Listing, NFPA 211, IMC 2003 and the manufacturers instructions. 3) Installation shall comply with 2003 International Mechanical Code and State of Maine Oil and Solid Fuel Board Laws and Rules			

**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

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature of Inspections Official

\_\_\_\_\_  
Date

# Installation

Installing a stove requires some preparation and homework. Learn your local building codes, for you may be required to get a building permit before making changes in your heating system. Your Building Inspection Department will help you. You should also notify your insurance company that you plan to install a stove.

Once your stove is installed, and before you light your first fire, a local building inspector and an insurance company representative should inspect and approve your installation preferably in writing. Unsafe installation is the major hazard. Because we are committed to the responsible development of solid fuel heat as an industry and as a life style, we ask this commitment from you: Make certain your stove and chimney are safely installed and properly maintained.

A separate bulletin, "*The Installation and Planning Guide*" is available upon request from our Customer Relations Department.

## SET UP

Our stoves are heavy and require at least two people to move and set them up. *Do not try to do it alone*, as the stoves can be badly damaged by mishandling.

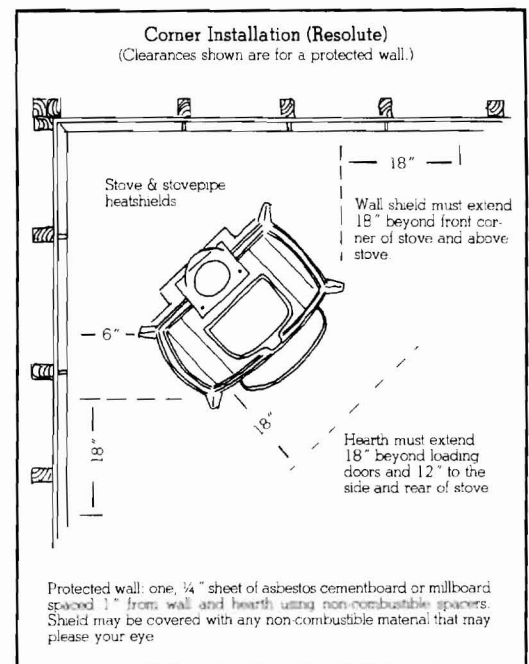
The only assembly required is installation of the legs, which is easily accomplished with a 9/16 inch wrench. If you have ordered any accessories such as andirons or a heat shield, they will come with their own installation instructions. Generally speaking, nothing more complicated than a screwdriver is involved in the installation of accessories.

## PLACEMENT

Place the stove close to its final position before putting on the legs. This can be more easily accomplished by stripping the stove of removable parts before trying to move it. All doors can be lifted off, and the griddle is easily removed. The fuel magazine and grates in our coal stoves are also easily removed.

The griddle has not been painted in order to allow cooking directly on its surface. (See the section entitled "Cooking".) In order to protect the surface from rust during shipping, a coating of grease has been applied. Be sure to wash the griddle thoroughly with soap and water. As the stove is used, the griddle will gradually darken to match color of the stove.

The choice between a free standing installation or one connected to a fireplace flue will

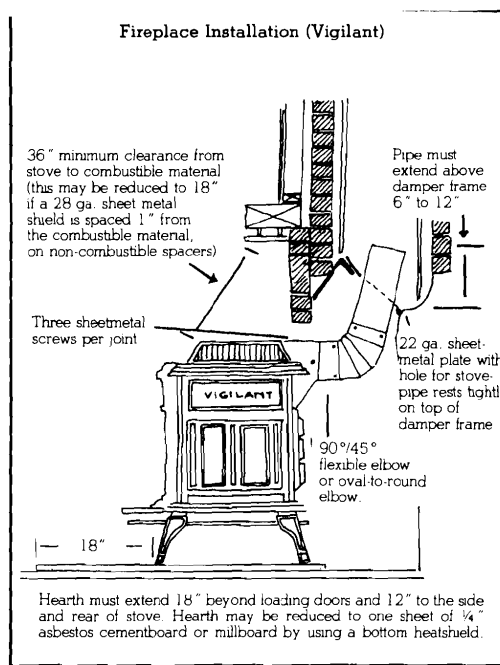
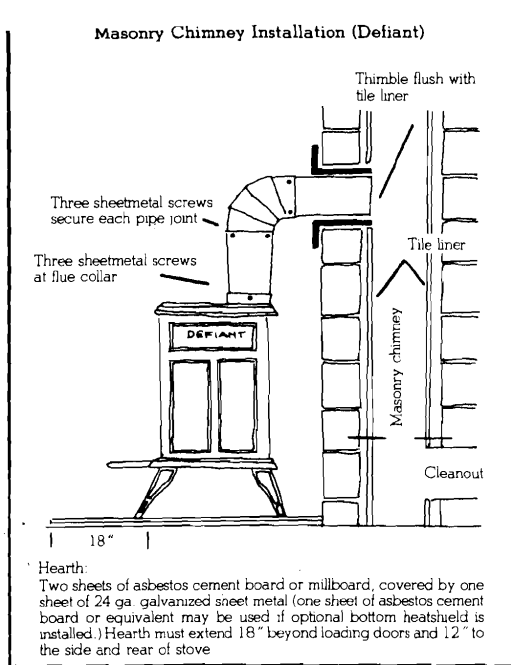


depend upon what you have available and how the house will look with the stove in place. An existing fireplace flue makes an excellent chimney. We recommend that, prior to connection, you have the chimney inspected by a professional. A competent chimney sweep or a member of the fire department can assess the condition of your chimney. If your chimney is unlined, we cannot recommend that you use it in its existing state with *any* wood or coal burning device. There may be unseen loose mortar which could allow chimney gases to escape into the house, or a chimney fire could ignite nearby wooden members. If you have any questions about any type of installation, please don't hesitate to ask the qualified personnel in the Customer Relations Department. We will be glad to send you our Bulletin #10 which outlines some of the specifics of Fireplace Installation.

Stove placement is crucial for even and thorough heat distribution in your home. We are prepared to help you with that decision. Floor plan sketches either by you or your architect will help us evaluate your individual situation. If you like, please ask your architect or builder to contact us directly.

## CLEARANCES

Placement of the stove depends on the position of existing flues. Our recommendation is that the stovepipe be as short and straight as possible. Access to the loading door and placement of the stove the correct distance from the wall will govern the length of the chimney connector. The recommended clearance for all stoves from combustible materials is thirty-six inches. This distance can be re-



duced to as little as ten inches through the use of our stove and pipe heat shields. (See *Chart of Clearances*.) The stovepipe and rear heat shield, are spaced about two inches from the back of the stove and act as a barrier to radiant energy. It is painted flat black on one side to match the stove.

## CHIMNEYS

If you are building a masonry chimney from scratch, we cannot stress strongly enough the importance of an interior chimney. When properly built, it is the safest chimney of all, and will more than repay you for the small space that it requires. Besides minimizing condensation of creosote, the draft produced in an interior masonry chimney will be stronger, helping the stove to burn more efficiently. To be on the safe side in new construction, allow for the use of

eight inch flue connections. Line your chimney with fireproof clay flue tiles.

You may prefer to install a factory-built metal chimney (popular brands include Metalbestos and Pro-Jet.) This type of chimney consists of two layers of stainless steel. The space between the layers is tightly packed with insulation. A factory-built chimney is not inexpensive, but is cheaper than masonry once labor is considered. Make sure such a prefabricated chimney is listed for solid fuels by a nationally recognized testing laboratory such as the Underwriters Laboratories (UL). We recommend eight inch chimney for all three stove models. Our experience has shown that triple wall metal pipe (with an airspace being the only insulation) might cause excessive creosote formation. Should a chimney fire occur, there may not be enough protection from the high heat produced, and a serious fire may get under way.

## CHART OF CLEARANCES

Clearances for the Defiant, Vigilant and Resolute*	SIDE		REAR		CORNER INSTALLATION Distance from rear corners of stove to wall		
	Defiant & Vigilant	Resolute	Defiant & Vigilant	Resolute	Defiant & Vigilant	Resolute	
Unprotected Wall	Without Heat Shields	36"	24"	36"	36"	30"	
	With Rear Heat Shield and Stovepipe Heat Shield	36"	24"	10"	10"	18" <sup>2</sup>	12"
Protected Wall <sup>1</sup>	Without Heat Shield	14"	8"	18"	10"	14"	12"
	With Rear Heat Shield and Stovepipe Heat Shield	14"	8"	10"	6"	10" <sup>3</sup>	6"

<sup>1</sup>Protected Wall: ¼" asbestos cementboard or millboard spaced 1 inch from combustible wall on noncombustible spacers, or equivalent. Walls are considered combustible if any part of the wall will burn. Noncombustible materials glued to sheetrock or plaster over wood wall studs are not considered adequate protection for a combustible wall.

<sup>2</sup>Stovepipe heat shield not required.

<sup>3</sup>Stovepipe heat shield not required for Top Exit Defiant only.

\*Established and tested in accordance with Underwriters Laboratories Standard for Solid Fuel Type Room Heaters, UL 1482, by Arnold Greene Testing Laboratories, Inc., Natick, MA 01760.