

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



CITY OF PORTLAND

BUILDING PERMIT

This is to certify that JANE L BARRIAULT

Located At 115 STATE ST

Job ID: 2012-01-3004-HVAC

CBL: 045-B-041-001

has permission to Install an HVAC System (Single Family Residence)

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

01/18/2012

**THIS CARD MUST BE POSTED ON THE STREET SIDE OF THE PROPERTY
PENALTY FOR REMOVING THIS CARD**

City of Portland, Maine - Building or Use Permit Application

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

Job No: 2012-01-3004-HVAC	Date Applied: 12/22/2011	CBL: 045-B-041-001	
Location of Construction: 115 STATE ST	Owner Name: JANE L BARRIAULT	Owner Address: 824 ROOSEVELT TRAIL # 251 WINDHAM, ME 04062	Phone:
Business Name:	Contractor Name: Tim Davis	Contractor Address: PO Box 255, Lyman, ME 04002	Phone: 324-5237
Lessee/Buyer's Name:	Phone:	Permit Type: HVAC	Zone: R-6
Past Use: Single Family Dwelling	Proposed Use: Same: Single Family Dwelling - to install Viessman Vitodens 200 boiler	Cost of Work: \$4,000.00	CEO District:
		Fire Dept: <input type="checkbox"/> Approved <input type="checkbox"/> Denied <input checked="" type="checkbox"/> N/A	Inspection: Use Group: Type: HVAC MASNEGA Signature: <i>[Signature]</i>
Proposed Project Description: natural gas tank		Pedestrian Activities District (P.A.D.)	

Permit Taken By: Gayle	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 informatin may invalidate a building permit and stop all work.</p>	<p>Special Zone or Reviews</p> <p><input type="checkbox"/> Shoreland</p> <p><input type="checkbox"/> Wetlands</p> <p><input type="checkbox"/> Flood Zone</p> <p><input type="checkbox"/> Subdivision</p> <p><input type="checkbox"/> Site Plan</p> <p><input type="checkbox"/> Maj <input type="checkbox"/> Min <input type="checkbox"/> MM</p> <p>Date: <i>OK 1/3/12</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><i>with</i></p> <p><input type="checkbox"/> Not in Dist or Landmark</p> <p><input type="checkbox"/> Does not Require Review</p> <p><input type="checkbox"/> Requires Review <i>D. F. [Signature]</i></p> <p><input type="checkbox"/> Approved <i>1/5/12</i></p> <p><input checked="" type="checkbox"/> Approved w/Conditions</p> <p><input type="checkbox"/> Denied</p> <p><i>any exterior work requires a separate review & approval</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 appication 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)

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.**

1. Close-In: (Electrical Plumbing Framing)
2. Final Inspection

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

Job ID: 2012-01-3004-HVAC

Located At: 115 STATE ST

CBL: 045- B-041-001

Conditions of Approval:

Building

1. The installation must comply with UL, the Manufacturers' Listing, and State of Maine Gas Regulations.
2. Separate permits are required for any electrical: plumbing, sprinkler, fire alarm, HVAC systems, commercial hood exhaust systems and fuel tanks. Separate plans may need to be submitted for approval as a part of this process.
3. Maintain proper setback(s) from property lines/buildings and proper clearances from vertical openings when direct venting
4. A Carbon Monoxide (CO) alarm shall be installed in each area within or giving access to bedrooms. That detection must be powered by the electrical service (plug-in or hardwired) in the building and battery.
5. M1804.2.5 Direct vent terminations. Vent terminals for direct-vent appliances shall be installed in accordance with the manufacturer's installation instructions.

Historic

1. Approved with the understanding that the exterior vent will be located on the south elevation, behind a porch and not visible from a public way. Any change in location will require historic preservation approval.

Operating Instructions & User's Information Manual

VIESSMANN®

Vitodens 200-W

WB2B Series

Wall-mounted, gas-fired condensing boiler

For natural gas and liquid propane

Heating input 31 to 370 MBH

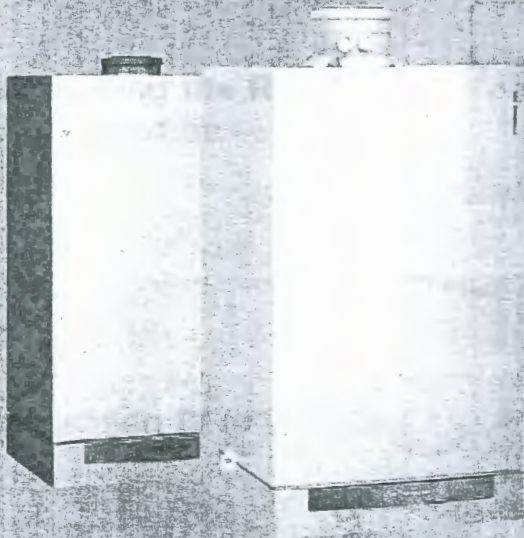
8.5 to 105 kW

Please file in Service Binder

VITODENS 200®



7374866901111105



IMPORTANT

Read and save these instructions for future reference.



⚠ WARNING

If the information in this manual is not followed exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

Do not store or use gasoline or other flammable liquids in the vicinity of this or any other appliance.

WHAT TO DO IF YOU SMELL GAS

- Do not try to light any appliances.
- Do not touch any electrical switches, do not use any phone in your building.
- Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.

Installation and service must be performed by a qualified installer, service agency or the gas supplier.

⚠ WARNING

Improper installation, adjustment, and/or operation could cause carbon monoxide poisoning resulting in injury or loss of life.

This product must be installed and serviced by a professional service technician who is experienced and qualified in hot water boiler installation and gas combustion.

Before Set-up

Before placing boiler in its installation location, ensure all necessary accessories are installed.

CAUTION

The boiler must be installed in such a way that gas ignition system components are protected from water (spraying, splashing, etc.) during boiler operation and service.

Minimum Clearances

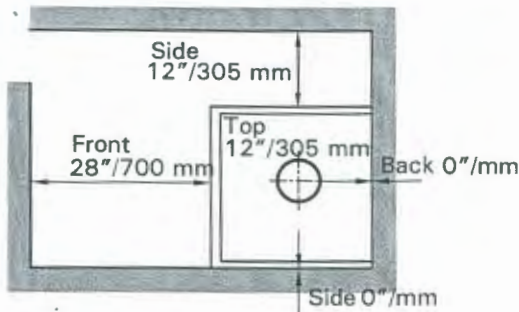


Fig. 2 Recommended min. service clearances

Note:

The Vitodens 200-W, WB2B boiler has passed the zero inches vent clearance to combustibles testing requirements dictated by the boiler Harmonized Standard ANSI Z21.13, CSA 4.9.2007 and therefore is listed for zero clearance to combustibles when vented with a single-wall special venting system (AL-29-4C material) or UL/ULC-listed CPVC gas vent material. The zero inches vent clearance to combustibles for the Vitodens 200-W, WB2B boiler supercedes the clearance to combustibles listing that appears on the special venting system label.

Recommended minimum service clearances

For typical Vitodens installations, Viessmann recommends installing the boiler with the clearances shown in the illustration on the left.

The Vitodens 200-W, WB2B boiler is approved for closet and alcove installation with the following clearances to combustibles.

Table 1. Clearances

Top	Front	Rear	Left	Right	Vent pipe
0	0 AL, CL	0	0	0	0

AL = Alcove
CL = Closet



See the Vitodens 200-W WB2B Venting System Installation Instructions for details.



2012 01 3004 **FILL IN AND SIGN WITH INK**

66

APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT



S/F

taken by Sammie
R-6

To the **INSPECTOR OF BUILDINGS, PORTLAND, ME.**

045 B 041

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 115 State St. Use of Building Residential Date 12/22/11
 Name and address of owner of appliance TEO Wandishin & JANE BARRAULT
115 State St. Portland, ME. 04101
 Installer's name and address TIM DAVIS P.O. Box 255
LYMAN, ME. 04002 Telephone 324-5237

Location of appliance:

- Basement
- Attic
- Floor
- Roof

Type of Fuel:

- Gas
- Oil
- Solid

Appliance Name: VISSMAN Vitodens 200

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 # MS 60007706
- Solid Fuel # _____
- Oil # _____
- Gas # PNT 41629
- Other _____

Type of Chimney:

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

Type of Fuel Tank

- Oil
- Gas

Size of Tank Natural Gas

Number of Tanks _____

Distance from Tank to Center of Flame _____ feet.

Cost of Work: \$ 3,500.00

Permit Fee: \$ 600

RECEIVED

DEC 22 2011

Dept. of Building Inspections
City of Portland Maine

Approved

Fire: _____

Ele.: _____

Bldg.: _____

Approved with Conditions

- See attached letter or requirement

Inspector's Signature _____

Date Approved _____

Signature of Installer [Signature]

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

Side Wall Venting Layouts (Coaxial)

Layout with basic coaxial vent kit componentry

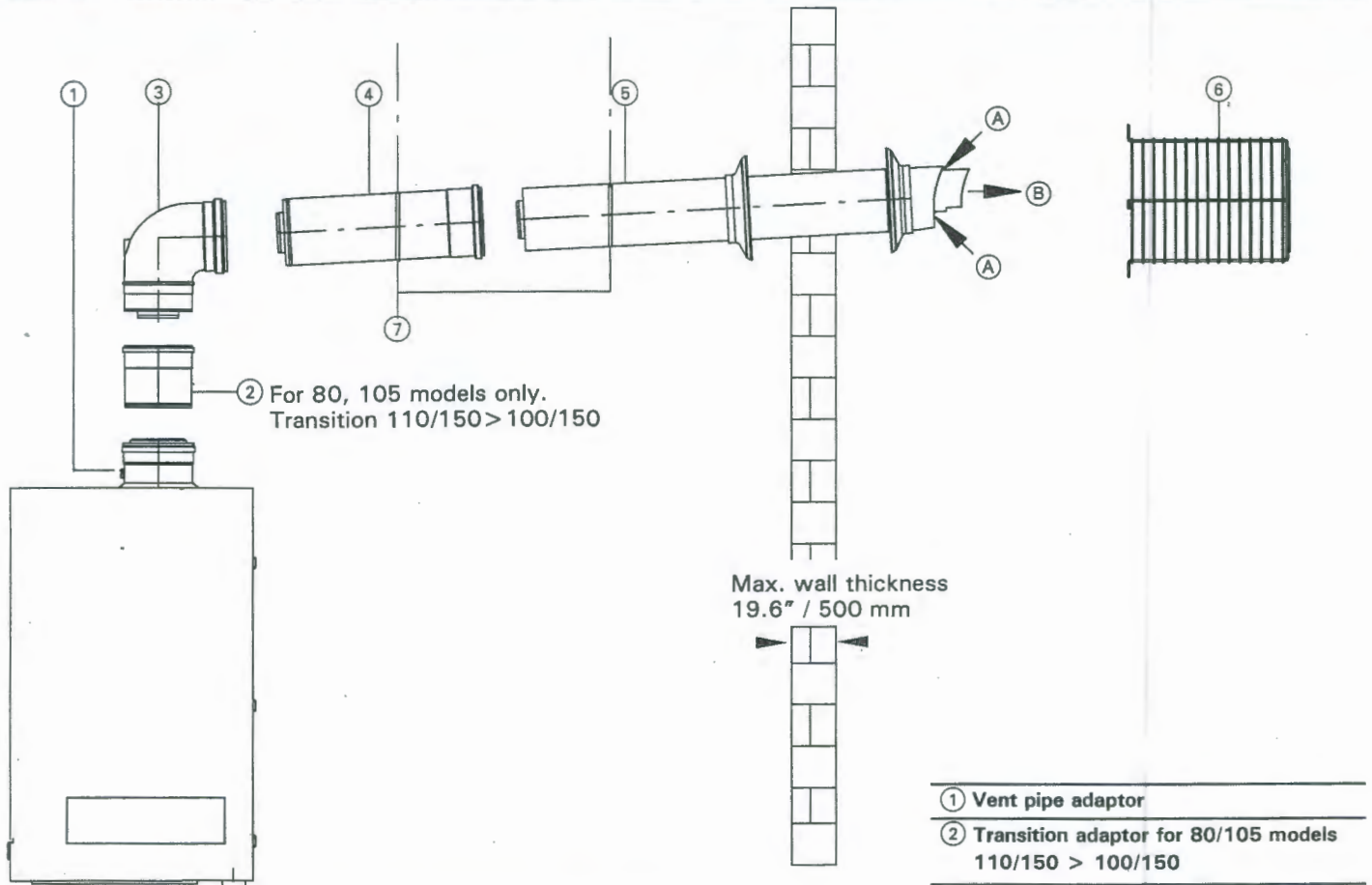


Fig. 4 Standard side wall venting layout, using basic vent kit components for vent systems 60/100, 80/125 and 100/150.

Table 3. Standard sizes of boiler flue gas vent adaptors (item ①)

Boiler model	Adaptor size
WB1B 10-26	60/100
WB1B 10-35	60/100
WB2B 9-19	60/100
WB2B 9-26	60/100
WB2B 9-35	60/100
WB2B 17-45	80/125
WB2B 17-60	80/125
WB2B 30-80	110/150
WB2B 30-105	110/150

- ① Vent pipe adaptor
 - ② Transition adaptor for 80/105 models
110/150 > 100/150
 - ③ Elbow, 87° (1 per carton)
 - ④ Straight pipe
3.3 ft./1 m long
 - ⑤ Vent termination
(incl. wall flashings)
Important!
Total length of vent termination pipe is
31"/787 mm. If required, the vent
termination pipe may be shortened by
max. 12"/305 mm (min. vent
termination length is 19"/483 mm).
(See page 18).
 - ⑥ Protective screen
Warning!
Protective screen **MUST** be installed.
 - ⑦ Mounting clip, white (use at least 2)
 - ⑧ Brass adaptor (M8 x 5/16" - 18) and
Set of screws (#8 x 3/8")
(7, 8 and 9 shown on following page)
 - Ⓐ Combustion air intake
 - Ⓑ Flue gas outlet
 - a Total vent length*2
- *2See section Vent Length Requirements on
page 22 in this manual.