

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



CITY OF PORTLAND BUILDING PERMIT

This is to certify that MARY ANNE PAPI

Located At 581 WASHINGTON AVE

Job ID: 2012-11-5325-HVAC

CBL: 428-B-017-001

has permission to Install at Viessmann Gas Boiler in Basement
provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of
the Statues 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

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

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
Jeff Levine

Job ID: 2012-11-5325-HVAC

Located At: 581 WASHINGTON
AVE

CBL: 428- B-017-001

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: 2012-11-5325-HVAC	Date Applied: 11/1/2012	CBL: 428- B-017-001	
Location of Construction: 581 WASHINGTON AVE	Owner Name: MARY ANNE PAPI	Owner Address: PO BOX 8515 PORTLAND, ME 04104	Phone:
Business Name:	Contractor Name: Charlie Burnham Heating Service Inc.	Contractor Address: PO BOX 382 FREEPORT MAINE 04032	Phone: (207) 865-9010
Lessee/Buyer's Name:	Phone:	Permit Type: HVAC	Zone: R-5
Past Use: Two Family Dwelling	Proposed Use: Same: Two Family dwelling - to install Viessmann heating system	Cost of Work: \$9,000.00	CEO District:
		Fire Dept: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied <input type="checkbox"/> N/A	Inspection: Use Group: <input checked="" type="checkbox"/> Type: <input checked="" type="checkbox"/> HVAC
		Signature:	Signature:
Proposed Project Description: Install at Viessmann Gas Boiler in Basement		Pedestrian Activities District (P.A.D.)	
Permit Taken By: Lannie		Zoning Approval	

<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: </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 Dist 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"/> Denied</p> <p>Date: </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.

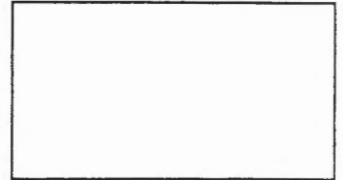
SIGNATURE OF APPLICANT	ADDRESS	DATE	PHONE
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE		DATE	PHONE



FILL IN AND SIGN WITH INK

2012-11-5325

APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT



428-B-17

RS

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 581 Washington Ave Use of Building _____ Date 11-1-12
Name and address of owner of appliance Mary Ann Papi P.O. Box 8515, Portland ME 04104

Installer's name and address Charlie Burnham Heating Service Inc. P.O. Box 382
Freeport, ME 04032 Telephone 865-9010

Location of appliance:
 Basement Floor 2nd fl
 Attic Roof

Type of Fuel:
 Gas Oil Solid

Appliance Name: Viessmann
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 # PNT 6050
 Other _____

Type of Chimney:
 Masonry Lined
Factory built _____
 Metal
Factory Built U.L. Listing # _____
 Direct Vent
Type C PVE UL# _____

Type of Fuel Tank
 Oil
 Gas
Size of Tank 2 - 120 gal

Number of Tanks 2
Distance from Tank to Center of Flame _____ feet.
Cost of Work: \$ 8985.00
Permit Fee: \$ 110

RECEIVED

NOV 01 2012

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]

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

Installation and Service Instructions

for use by heating contractor

VIESSMANN

Vitodens 100-W

WB1B Series

Wall-Mounted, gas-fired condensing boiler

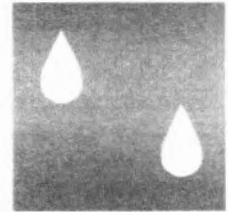
Heating input 37 to 118 MBH
10.8 to 34.5 kW

Please file in Service Binder

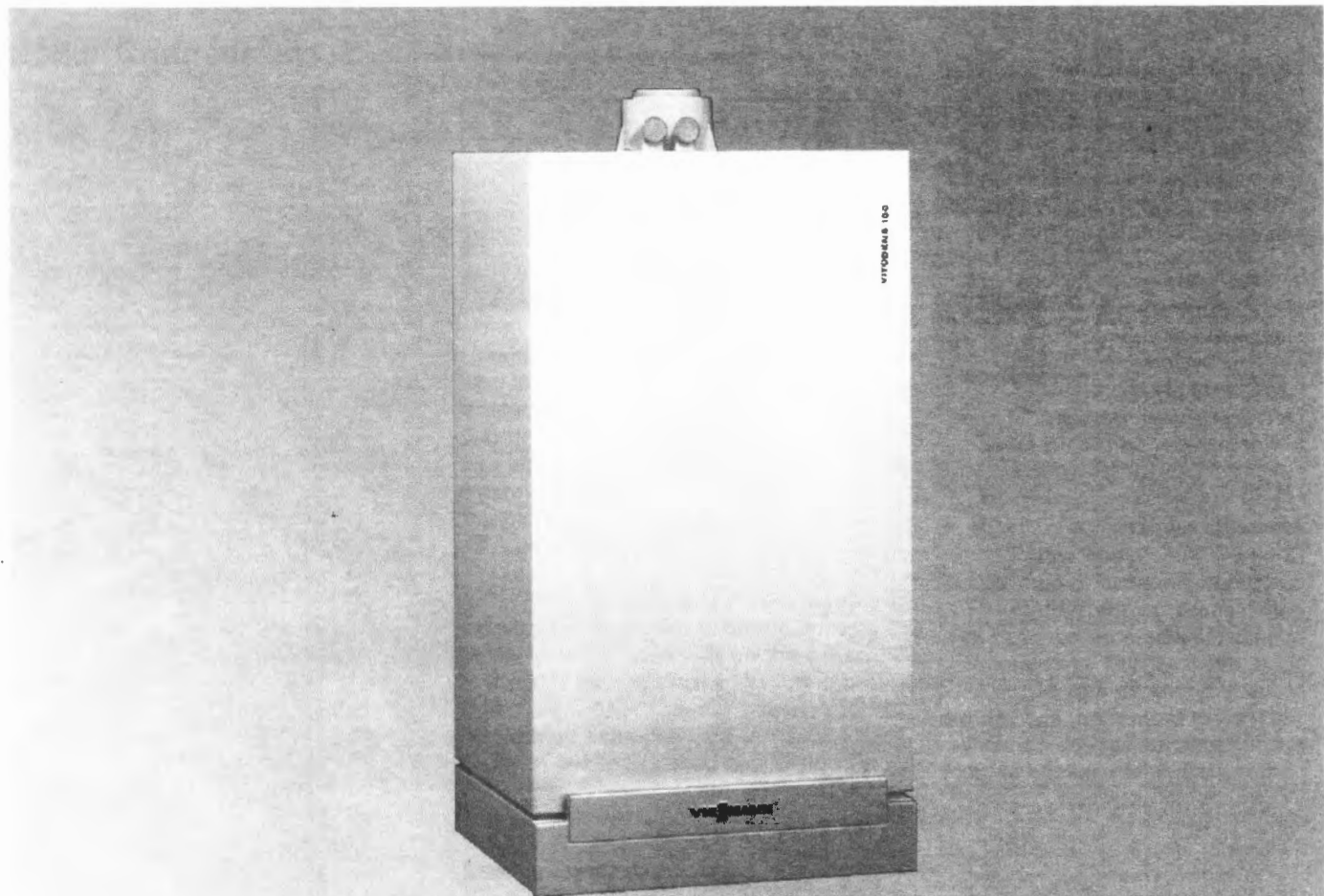
RECEIVED

NOV 01 2012

Dept. of Building Inspections
City of Portland Maine



VITODENS 100-W



Vitodens 100-W, WB1B
(with preinstalled coaxial vent pipe adaptor)



IMPORTANT

Read and save these instructions
for future reference.

© This trademark is registered with the U.S. Patent and Trademark Office

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

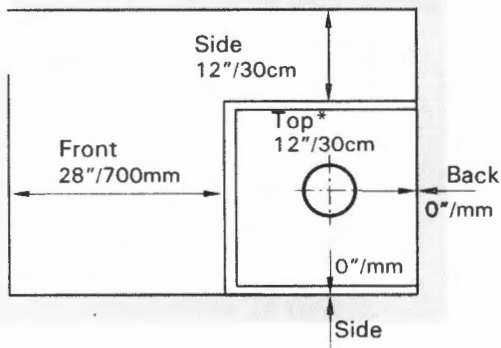


Fig. 2

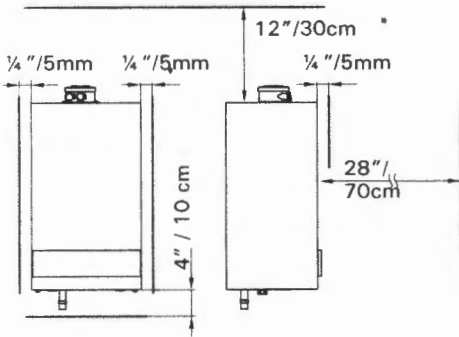


Fig. 3

Recommended minimum service clearances

Refer to Fig. 2 and 3.

Note:

The Vitodens 100-W 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 100-W boiler supercedes the clearance to combustibles listing that appears on the special venting system label.

Top clearance - 12" / 30 cm.



See the Vitodens Venting System Installation Instructions.

Clearance to combustibles

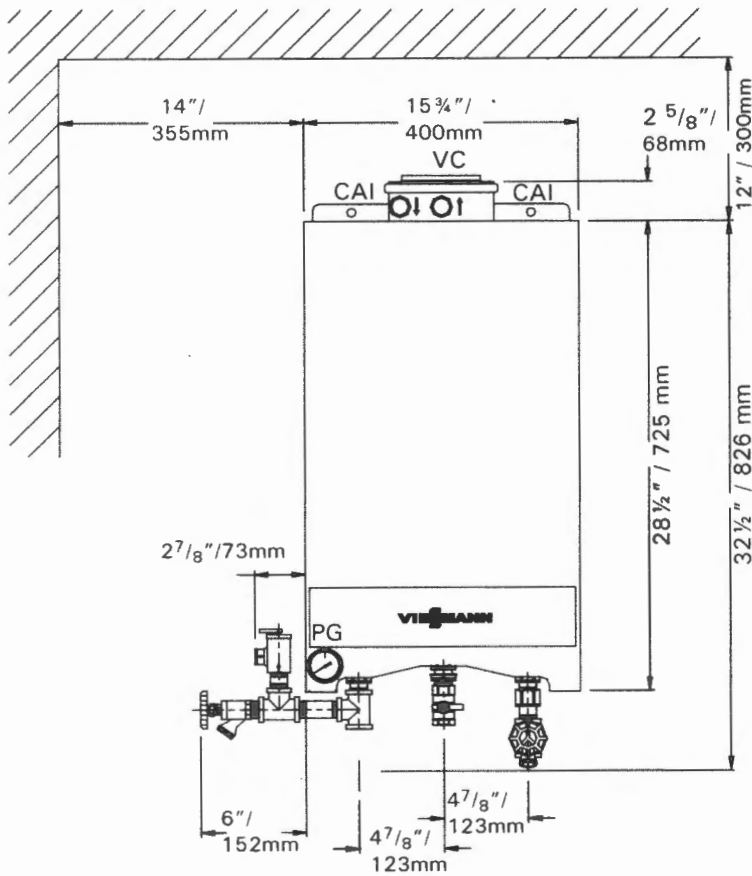
Top	Front	Rear	Left	Right	Vent pipe *1
0	0 AL, CL	0	0	0	0

AL = Alcove
CL = Closet

*1 Refer to the Installation Instructions of the Vitodens Venting System for details.

Preparing the Connections *(continued)*

Dimensions overview with piping connections



This section is an overview only! Refer to subsequent sections for detailed information on individual piping connections.

Piping connections for Vitodens 100-W, WB1B 26 and 35 (factory supplied)

Legend

- BWR Boiler water return, 3/4"
- BWS Boiler water supply, 3/4"
- BD Boiler drain
- BF Boiler fill
- GC Gas connection, 3/4" NPTM (male thread)
- PRV Pressure relief valve
- PG Pressure gage
- VC Venting connection
- CAI Combustion air inlet connection (optional)

Fig. 6

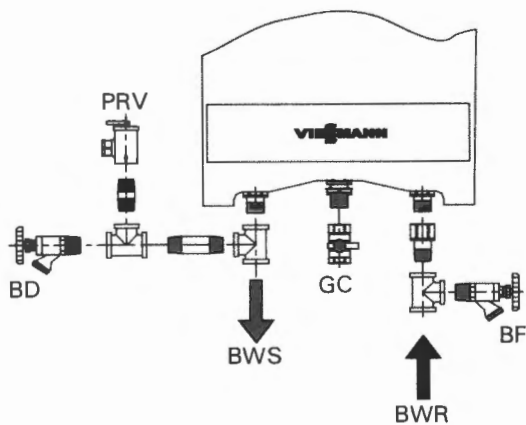


Fig. 7

Vent Length Requirements

Equivalent vent length calculation example - CPVC system

Table 46. (see also fig. 63)

Type of fitting	Equivalent length ft. / m
90° long sweep elbow (CPVC)	5 / 1.52
45° long sweep elbow (CPVC)	3 / 0.91

Equivalent vent length calculation example (Vitodens WB1B or WB2B system diameter 2")

Maximum allowable equivalent length is 86 ft. / 31 m
(see table 41 and fig. 53 on page 59)

2 x 90° elbow	10 ft. / 3.05 m
4 x 45° elbow	12 ft. / 3.66 m
Exhaust vent pipe	10 ft. / 3.05 m
Air intake pipe	10 ft. / 3.05 m
Combined total equivalent vent length (a + b)	42 ft. / 12.81 m

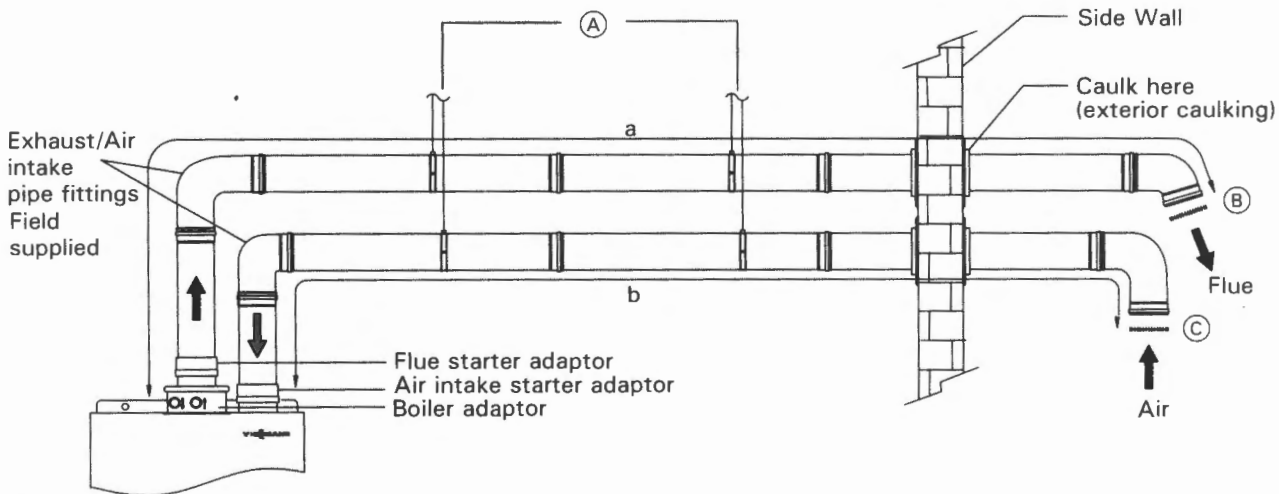


Fig. 64 Vitodens 100-W and 200-W, WB2B 19, 26, 35

Legend

- (A) Support system
- (B) Exhaust pipe termination with screen
- (C) Combustion air intake with screen
- a Equivalent vent length (exhaust)
- b Equivalent vent length (air intake)