

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



CITY OF PORTLAND BUILDING PERMIT

This is to certify that LEWIS-WHITTEN

Located At 19 LEWIS ST

Job ID: 2012-08-4792-HVAC

CBL: 056- B-023-001

has permission to Install Viessmann heating system

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

9-26-12

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.**

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.



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Director of Planning and Urban Development

Jeff Levine

Job ID: 2012-08-4792-HVAC

Located At: 19 LEWIS ST

CBL: 056- B-023-001

Conditions of Approval:

Building

1. Application approval based upon information provided by the applicant or design professional. Any deviation from approved plans requires separate review and approval prior to work.
2. The installation must comply with the State of Maine Gas Regulations.
3. Separate permits are required for any electrical, plumbing, sprinkler, fire alarm, HVAC systems, heating appliances, including pellet/wood stoves, commercial hood exhaust systems and fuel tanks. Separate plans may need to be submitted for approval as a part of this process.
4. The appliance and venting shall be installed in accordance with the UL listing, manufacturer's specifications, and NFPA 211

Fire

1. Installation shall comply with City Code Chapter 10.
2. Fuel-fired boilers shall be protected in accordance with NFPA 101, *Life Safety Code*.
3. NFPA 54, *National Fuel Gas Code*;
4. Installation shall comply with NFPA 211, *Standard for Chimneys, Fireplaces, Vents, and Solid Fuel-Burning Appliances*;
5. NFPA 70, *National Electrical Code*; and the manufacturer's published instructions

City of Portland, Maine - Building or Use Permit Application

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

Job No: 2012-08-4792-HVAC	Date Applied: 8/23/2012	CBL: 056- B-023-001	
Location of Construction: 19 LEWIS ST	Owner Name: LEWIS-WHITTEN	Owner Address: 23 ST LAWRENCE ST PORTLAND, ME 04101	Phone:
Business Name:	Contractor Name: Charlie Burnham Heating	Contractor Address: PO BOX 382, FREEPORT, ME 04032	Phone: 856-9010
Lessee/Buyer's Name:	Phone:	Permit Type: HVAC	Zone: R-6
Past Use: Five Residential Dwelling Units	Proposed Use: Same: Five Residential Dwelling units – to install Viessmann heating system	Cost of Work: \$25,000.00	CEO District:
		Fire Dept: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied <input type="checkbox"/> N/A Signature: <i>Capt. Perone</i>	Inspection: Use Group: R-2 Type: HVAC WUBEC'09 Signature: <i>JMB</i> 9/21/12
Proposed Project Description: install gas Viessman in basement		Pedestrian Activities District (P.A.D.)	
Permit Taken By: Gayle		Zoning Approval	

1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.
2. Building Permits do not include plumbing, septic or electrical work.
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.

Special Zone or Reviews

☐ Shoreland
☐ Wetlands
☐ Flood Zone
☐ Subdivision
☐ Site Plan

___ Maj ___ Min ___ MM

Date:

OK
*8/29/12***CERTIFICATION****Zoning Appeal**

☐ Variance
☐ Miscellaneous
☐ Conditional Use
☐ Interpretation
☐ Approved
☐ Denied

Date:

Historic Preservation

within
☐ Not in Dist or Landmark
☐ Does not Require Review
☐ Requires Review
☐ Approved
☐ Approved w/Conditions
☐ Denied

Date:

Any exterior work requires a separate review & approval

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

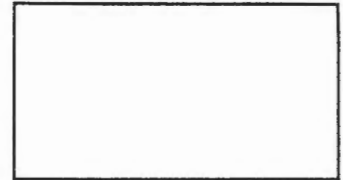
DATE

PHONE



FILL IN AND SIGN WITH INK

APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT



2012 08 4992 60

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 19 Lewis str 56-B-23 Use of Building 5 Unit yes Date 8-23-12
Name and address of owner of appliance Rob Whitten
37 Silver Str Portland
Installer's name and address Charlie Burkham Heating
P.O. Box 332 Freeport, ME 04032 Telephone 865-9010

Location of appliance:

- ☒ Basement ☐ Floor
☐ Attic ☐ Roof

Type of Fuel:

- ☒ Gas ☐ Oil ☐ Solid

Appliance Name: ViessmannU.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 stainless
Factory built _____
☐ Metal
Factory Built U.L. Listing # _____
☐ Direct Vent
Type RECEIVED

Type of Fuel Tank

- ☐ Oil
☐ Gas

AUG 23 2012
Dept. of Building Inspection
City of Portland Maine

Size of Tank _____

Number of Tanks _____

Distance from Tank to Center of Flame _____ feet.

Cost of Work: \$ 24850.00Permit Fee: \$ 270.00**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

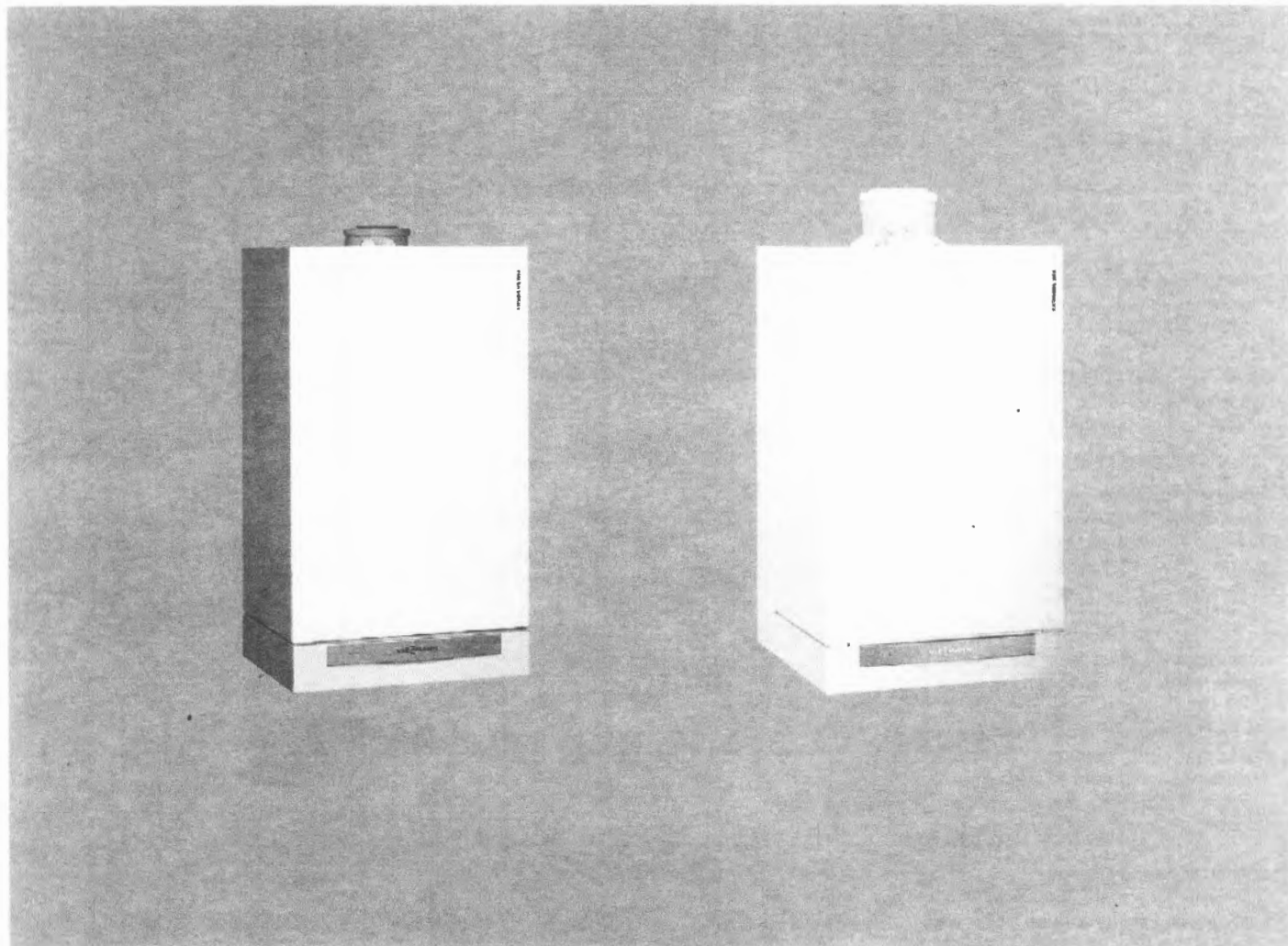
Pink - Applicant's

Gold - Assessor's Copy

Gas-fired wall-mounted condensing boiler
31 to 370 MBH / 9 to 105 kW
Multi-boiler installation 320 to 1480 MBH/

Technical Data Manual

Model Nos. and pricing: see Price List



Vitodens 200-W

WB2B Series

Gas-Fired Wall-Mounted Condensing Boiler
with modulating MatriX cylinder burner
for room air independent operation
(using a direct vent system) or room air
dependent operation

For Natural Gas and Liquid Propane Gas
Heating input 31 to 370 MBH
for NG and LPG 9 to 105 kW



Models WB2B 45, 60

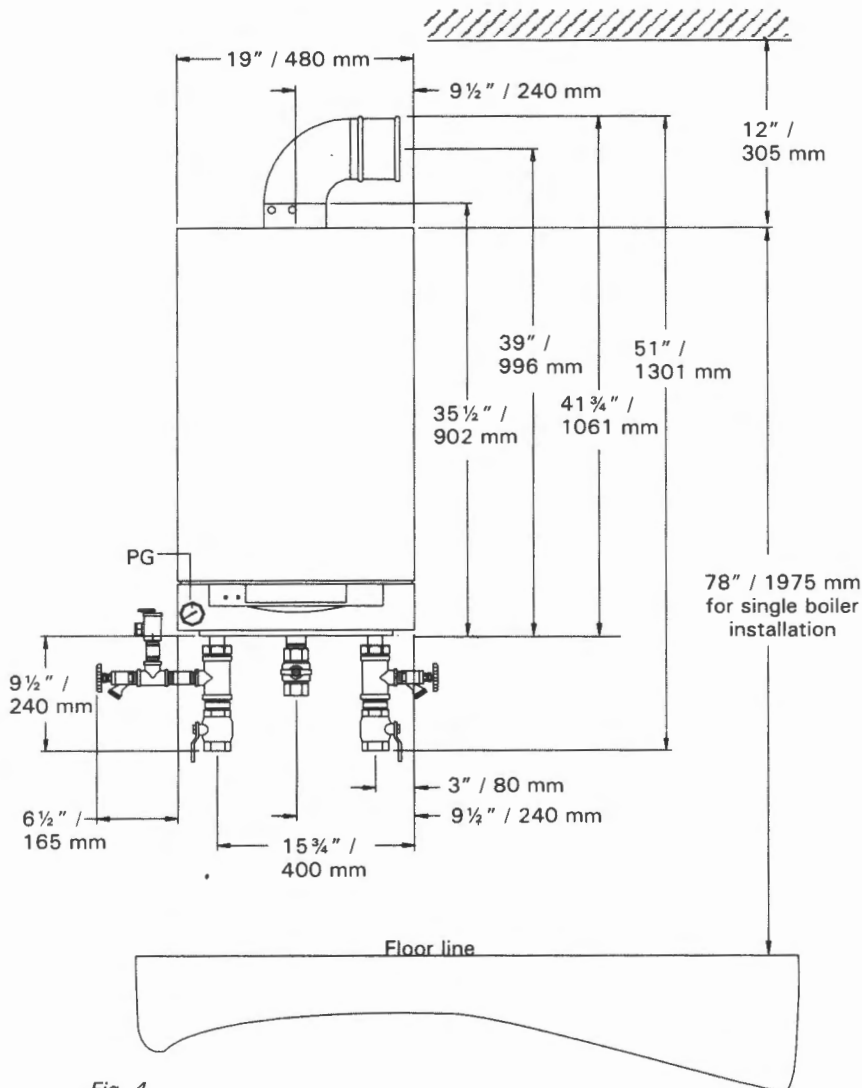


Fig. 4

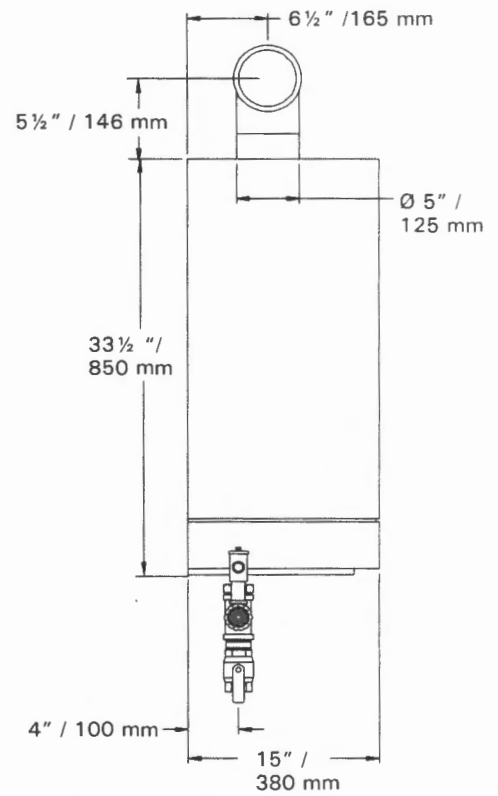


Fig. 5

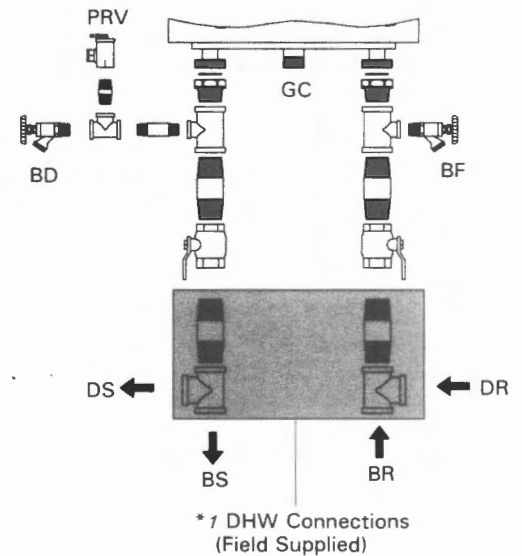


Fig. 6

Legend

- | | |
|-----|---|
| BD | Boiler Drain |
| BR | Boiler Return |
| BS | Boiler Supply |
| AV | Air Vent (not shown) |
| GC | Gas Connection, 1" NPT |
| PRV | Pressure Relief Valve |
| BF | Boiler Fill |
| PG | Pressure Gage |
| DR | Boiler heating return for domestic hot water production 1 1/4" (field supplied) |
| DS | Boiler heating supply for domestic hot water production 1 1/4" (field supplied) |

*1 See page 38 for alternate DHW connection.

Recommended Minimum Service Clearances

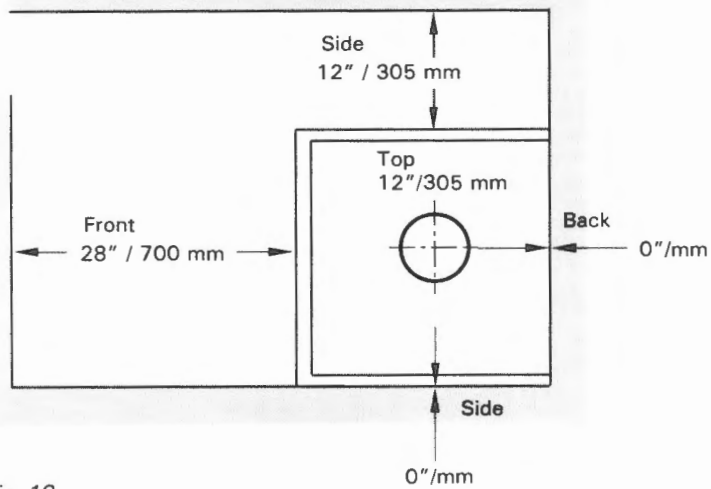


Fig. 10

Minimum Clearances to Combustibles

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

AL = Alcove

CL = Closet

*†Refer to the Installation Instructions of the Vitodens 200-W, WB2B Venting System for details.

Please note:

The Vitodens boiler has passed the zero inches vent clearance to combustibles testing requirements dictated by the Harmonized Standard ANSI Z21.13, CSA 4.9.2000 and therefore is listed for zero clearance to combustibles when vented with a single wall special venting system (AL-29-4C material). The zero inches vent clearance to combustibles for the Vitodens boiler supercedes the clearance to combustibles listing that appears on the special venting system label.

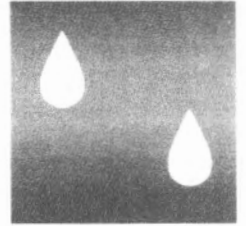
Installation Instructions

for use by heating contractor

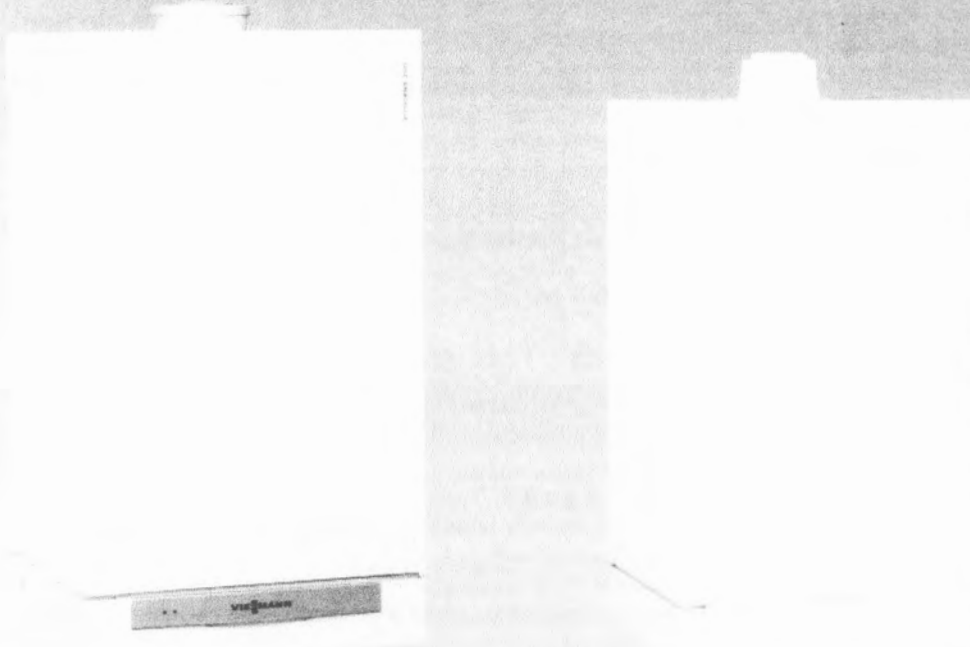
Venting System

for Vitodens 100-W WB1B Series
and Vitodens 200-W WB2B Series

Please file in Service Binder



Rigid Pipe Venting System



Vitodens 100-W, WB1B and
Vitodens 200-W WB2B Series
(with preinstalled coaxial vent pipe adaptor)

IMPORTANT

**Read and save these instructions
for future reference.**

Vent Length Requirements *(continued)*

Maximum vent/air intake pipe length - horizontal/vertical (hybrid system) *(continued)*

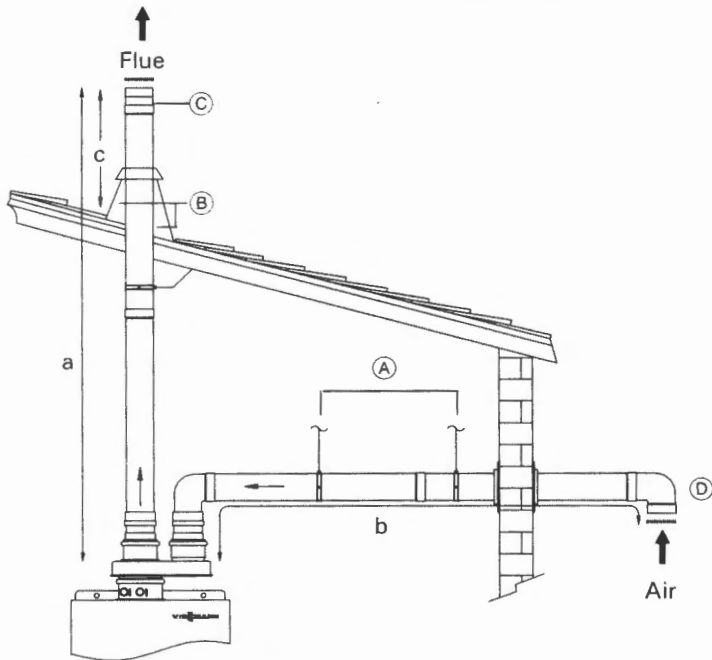
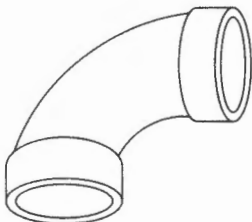


Fig. 62 Vitodens 200-W WB2B 45, 60, 80, 105

Legend

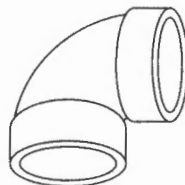
- (A) Support system
- (B) Flashings
- (C) Exhaust (straight coupling) with screen
- (D) Combustion air intake with screen
- a Equivalent length (exhaust)
- b Equivalent length (air intake)
- c min. 18" / max. 48"

Standard long sweep elbows (for CPVC pipe only)



For plastic pipe only

90° long sweep elbow
equivalent to 5 ft. / 1.5 m



90° short sweep elbow
equivalent to 8 ft. / 2.4 m
(if used)

Fig. 63

Note:

If standard sweep elbows are used the allowable vent lengths are reduced.
One standard 90° elbow is equivalent to 8 ft. / 2.4 m of straight pipe.

Table 44. Standard long sweep elbows

Material	90° elbow equivalent length ft. / m	45° elbow equivalent length ft. / m	87° elbow / 87° inspection tee ft. / m
Stainless steel	3 / 0.91	2 / 0.61	---
CPVC plastic pipe	5 / 1.52	3 / 0.91	---
PP(s)	---	1 / 0.30	1.6 / 0.50

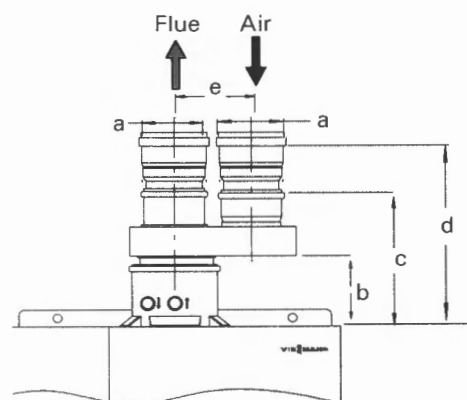
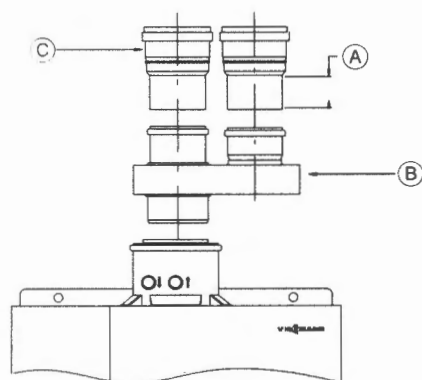
Vent Pipe Starter Adaptors - Stainless Steel / CPVC *(continued)*Parallel vent pipe starter adaptors for
WB2B 45, 60

Fig. 47

Legend

- (A) Air intake, max. insertion $2\frac{1}{2}$ " / 64 mm
- (B) Viessmann parallel adaptor
- (C) CPVC slip joint starter adaptor 80 mm to 3"
- a 3" / 76 mm
- b $2\frac{3}{4}$ " / 70 mm
- c 7" / 178 mm
- d approx. $9\frac{3}{8}$ " / 237 mm
- e $4\frac{3}{4}$ " / 120 mm

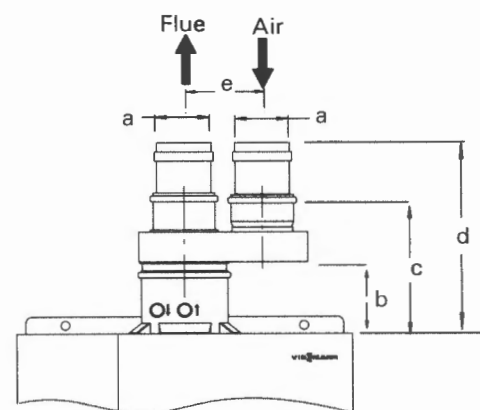
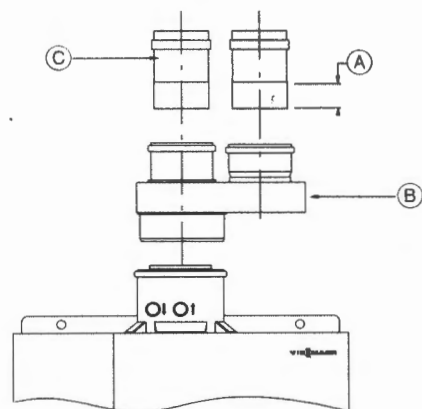
Parallel vent pipe starter adaptors for
WB2B 80, 105

Fig. 48

Legend

- (A) Air intake, max. insertion $2\frac{1}{2}$ " / 64 mm
- (B) Viessmann parallel adaptor
- (C) CPVC slip joint starter adaptor 110 mm to 4"
- a 4" / 100 mm
- b $5\frac{1}{8}$ " / 130 mm
- c $9\frac{3}{8}$ " / 237 mm
- d approx. 12" / 305 mm
- e $5\frac{1}{2}$ " / 140 mm



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Receipts Details:

Tender Information: Check , BusinessName: Charlie Burnham Heating, Check Number: 8211
Tender Amount: 270.00

Receipt Header:

Cashier Id: gguertin
Receipt Date: 8/23/2012
Receipt Number: 47460

Receipt Details:

Referance ID:	7774	Fee Type:	BP-Constr
Receipt Number:	0	Payment Date:	
Transaction Amount:	270.00	Charge Amount:	270.00
Job ID: Job ID: 2012-08-4792-HVAC - install gas Viessman in basement			
Additional Comments: Charlie Burnham Heating			

Thank You for your Payment!