

City of Portland, Maine - Building or Use Permit Application
 389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No: 08-1234	Issue Date:	CBL: 129 E025001
-----------------------	-------------	---------------------

Location of Construction: 93 WOODFORD ST	Owner Name: MOHABBATI BABAK S & BAHA	Owner Address: 93 WOODFORD ST	Phone:
Business Name:	Contractor Name: Jim Godbout Plbg & Htg	Contractor Address: 183 Granite Street Biddeford	Phone 2072831200
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	Zone: R 3

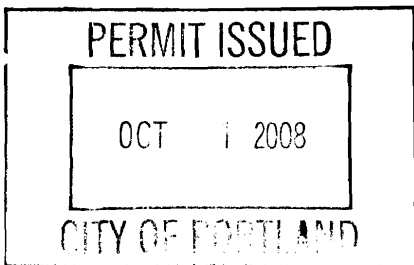
Past Use: Duplex	Proposed Use: Duplex - install a Viessmann Vitodens 200 in basement 1st floor unit	Permit Fee: \$60.00	Cost of Work: \$4,000.00	CEO District: 4
		FIRE DEPT: <input type="checkbox"/> Approved <input checked="" type="checkbox"/> Denied <i>N/A</i>	INSPECTION: Use Group: <i>V</i> Type: <i>HVAC</i> <i>State Cons Reg's</i>	

Proposed Project Description: install a Viessmann Vitodens 200 in basement 1st floor unit	Signature:	Signature:
PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)		
Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input checked="" type="checkbox"/> Denied		
Signature:	Date:	

Permit Taken By: Idobson	Date Applied For: 10/01/2008	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 <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input checked="" 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>10/01/08</i>	Zoning Appeal <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:	Historic Preservation <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 type="checkbox"/> Denied Date: <i>10/11/08</i>
--	---	--



CERTIFICATION

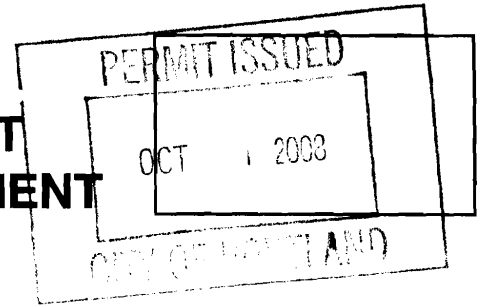
I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, 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 13 Woodford St #1 Portland, ME 04103 Use of Building RES Date 9-29-10
Name and address of owner of appliance Babak Mohabbati 13 Woodford St #1 Portland, ME 04103

Installer's name and address Bill Dineen Jim Cullbert P/H Inc.
Telephone 283-1212

Location of appliance:

- Basement
- Attic
- Floor
- Roof

Type of Fuel:

- Gas
- Oil
- Solid

Appliance Name: Wesimann Vitelens 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 # _____
- Solid Fuel # _____
- Oil # _____
- Gas # PAT 1340
- Other _____

Type of Chimney:

- Masonry Lined
Factory built N/A
- Metal
Factory Built U.L. Listing # N/A
- Direct Vent
Type Wesimann UL# _____

Type of Fuel Tank

- Oil
- Gas

Size of Tank N/A

Number of Tanks _____

Distance from Tank to Center of Flame _____ feet.

Cost of Work: \$ 4000

Permit Fee: \$ 600

Approved

Fire: _____
Ele.: _____
Bldg.: _____

Approved with Conditions

- See attached letter or requirement

Signature of Installer Bill Dineen

Inspector's Signature _____

Date Approved _____

City of Portland, Maine - Building or Use Permit

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

Permit No: 08-1234	Date Applied For: 10/01/2008	CBL: 129 E025001
------------------------------	--	----------------------------

Location of Construction: 93 WOODFORD ST	Owner Name: MOHABBATI BABAK S & BAHA	Owner Address: 93 WOODFORD ST	Phone:
Business Name:	Contractor Name: Jim Godbout Plbg & Htg	Contractor Address: 183 Granite Street Biddeford	Phone (207) 283-1200
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	

Proposed Use: Duplex - install a Viessmann Vitodens 200 in basement 1st floor unit	Proposed Project Description: install a Viessmann Vitodens 200 in basement 1st floor unit
--	---

Dept: Zoning	Status: Approved	Reviewer: Tammy Munson	Approval Date: 10/01/2008
Note: This does not certify the use of the building for zoning			Ok to Issue: <input checked="" type="checkbox"/>
Dept: Building	Status: Approved with Conditions	Reviewer: Tammy Munson	Approval Date: 10/01/2008
Note:			Ok to Issue: <input checked="" type="checkbox"/>
1) Equipment must be installed in compliance with the manufacturer's specifications			
2) The installation must comply with the State of Maine Gas Regulations.			

Installation Instructions

for use by heating contractor

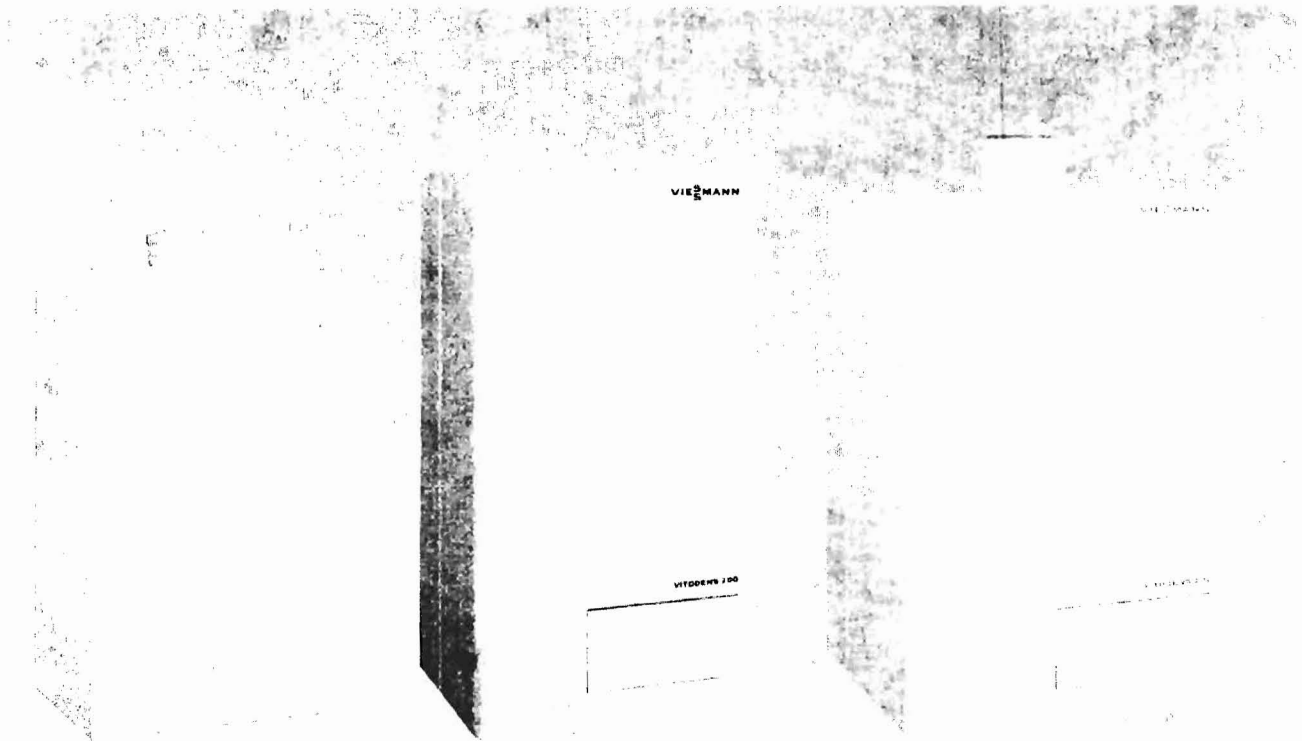
VIESSMANN

Venting System

for Vitodens 100-W
WB1A Series
for Vitodens 200-W
WB2 Series

Please file in Service Binder

Venting System



Vitodens 100-W, WB1A-24/30
(with preinstalled vent pipe adaptor)

Vitodens 200-W,
WB2-24C/24/32

Vitodens 200-W, WB2-44/60
(with preinstalled vent pipe adaptor)



IMPORTANT

Read and save these instructions
for future reference.

Side Wall Venting Layouts

Layout with basic coaxial vent kit componentry

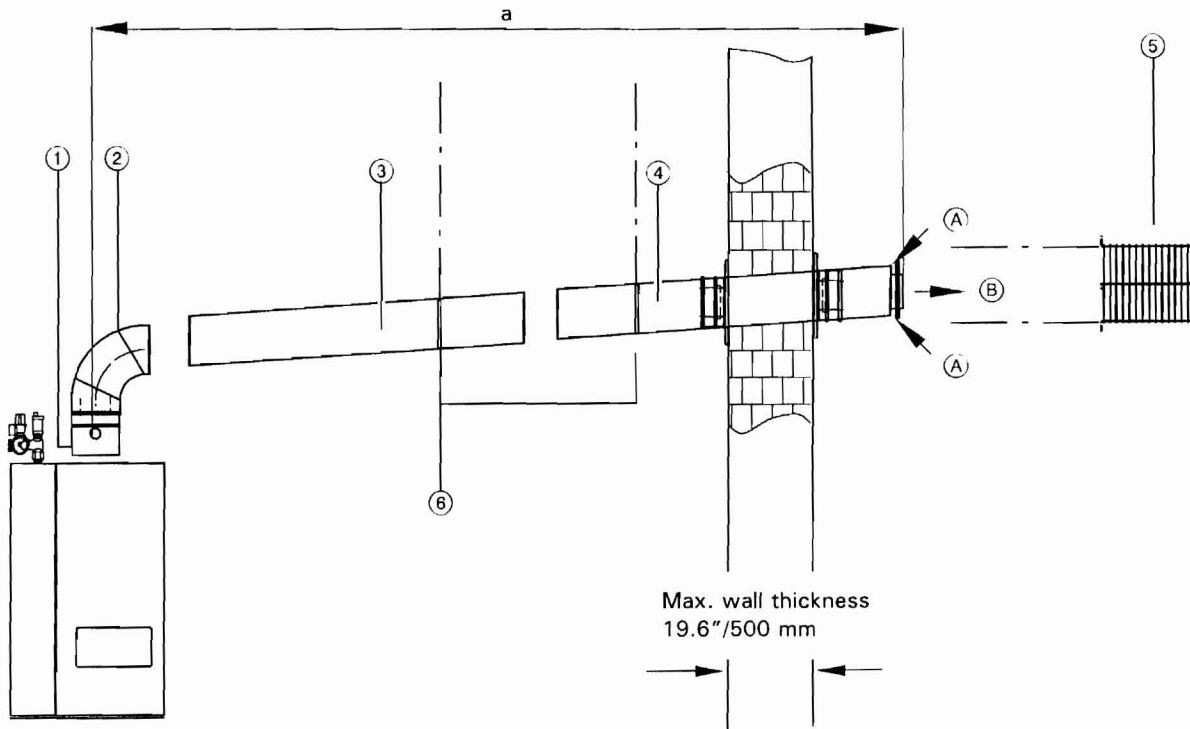


Fig. 2
Standard side wall venting layout, using basic vent kit components for vent systems 60/100, 80/125 and 10/150

- | | |
|---|--|
| ① | Vent pipe adaptor |
| ② | Elbow, 87° (1 per carton) |
| ③ | Straight pipe
3.3 ft./1 m long |
| ④ | 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). |
| ⑤ | Protective screen
Warning!
Protective screen MUST be installed. |
| ⑥ | Mounting clip, white (use at least 2) |
| ⑦ | Brass adaptor (M8 x 5/16" - 18) and Set of screws (#8 x 3/8") (shown on following page) |
| A | Combustion air intake |
| B | Flue gas outlet |
| a | Total vent length** |

**1See section Vent Length Requirements on page 21 in this manual.

Side Wall Venting Layouts (continued)

Layout with basic coaxial vent kit componentry (continued)

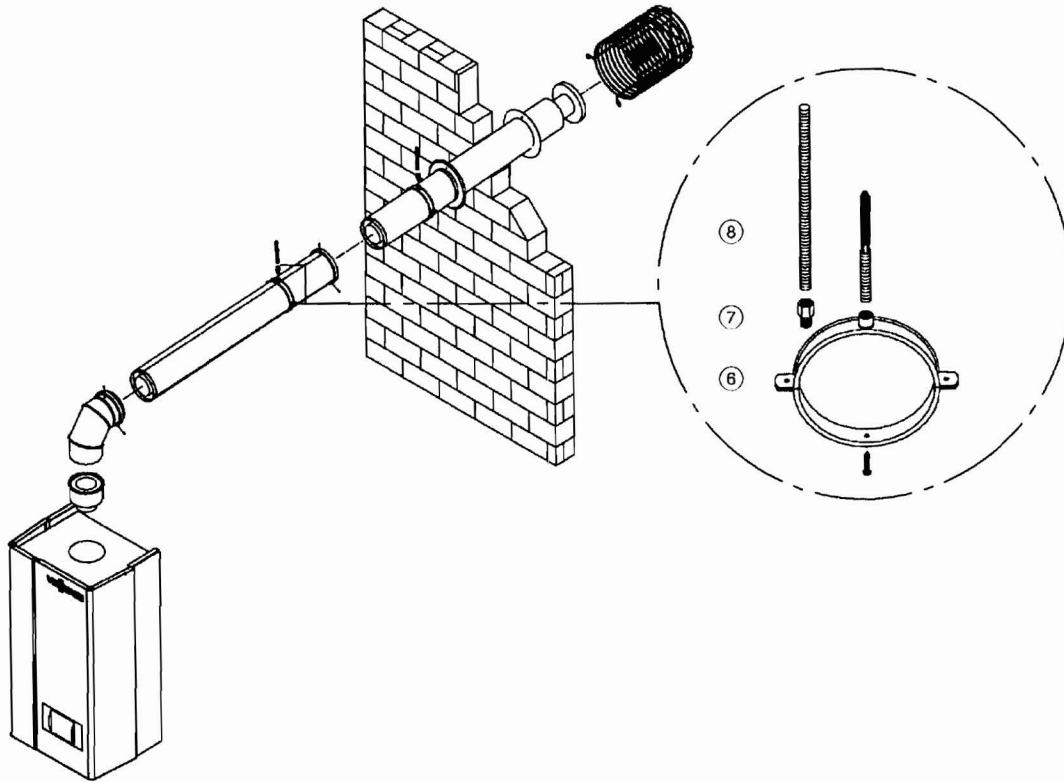


Fig. 3
Side wall venting layout, using basic vent kit components
for vent systems 60/100, 80/125 and 100/150

⑥ **Mounting clip** (c/w 4" screw)

⑦ **Brass adaptor** (supplied)

⑧ **All-threaded rod** (field supplied)

See section Installation of Anchoring System on page 20 in this manual for detailed installation information of anchoring system.

Important Regulatory and Installation Requirements

For installations in the Commonwealth of Massachusetts, the following local requirements apply in addition to all other applicable NFPA requirements:

- 1) For direct-vent appliances, mechanical-vent heating appliances or domestic hot water equipment, where the bottom of the vent terminal and the air intake is installed below four feet above grade the following requirements must be satisfied.
 1. If there is not one already present, on each floor level where there are bedroom(s), a carbon monoxide detector and alarm shall be placed in the living area outside the bedroom(s). The carbon monoxide detector shall comply with NFPA 720 (2005 Edition).
 2. A carbon monoxide detector shall be located in the room that houses the appliance or equipment and shall:
 - a. Be powered by the same electrical circuit as the appliance or equipment such that only one service switch services both the appliance and the carbon monoxide detector;
 - b. Have battery back-up power;
 - c. Meet ANSI/UL 2034 Standards and comply with NFPA 720 (2005 Edition); and
 - d. Have been approved and listed by a Nationally Recognized Testing Laboratory as recognized under 527 CMR.
 3. A Product-approved vent terminal must be used, and if applicable, a Product-approved air intake must be used. Installation shall be in strict compliance with the manufacturer's instructions. A copy of the installation instructions shall remain with the appliance or equipment at the completion of the installation.
 4. A metal or plastic identification plate shall be mounted at the exterior of the building, four feet directly above the location of the vent terminal. The plate shall be of sufficient size to be easily read from a distance of eight feet away, and read "Gas Vent Directly Below".

For direct-vent appliances, mechanical-vent heating appliances or domestic hot water equipment where the bottom of the vent terminal and the air intake is installed above four feet above grade the following requirements must be satisfied:

1. If there is not one already present, on each floor level where there are bedroom(s), a carbon monoxide detector and alarm shall be placed in the living area outside the bedroom(s). The carbon monoxide detector shall comply with NFPA 720 (2005 Edition).
2. A carbon monoxide detector shall:
 - a. Be located in the room that houses the appliance or equipment;
 - b. Be either hard-wired or battery powered or both; and
 - c. Shall comply with NFPA 720 (2005 Edition).
3. A Product-approved vent terminal must be used, and if applicable, a Product-approved air intake must be used. Installation shall be in strict compliance with the manufacturer's instructions. A copy of the installation instructions shall remain with the appliance or equipment at the completion of the installation.

Important Regulatory and Installation Requirements (continued)

Table 1. Clearance to combustibles

Top	Front	Rear	Left	Right	Vent pipe
0"/mm	0"/mm	0"/mm	0"/mm	0"/mm	0"/mm

Table 2. Recommended minimum service clearance

Top*	Front	Rear	Left	Right
12"/305 mm	28"/711 mm	0"/mm	6"/152 mm	0"/mm

For details refer to Vitodens 100-W or Vitodens 200-W Installation Instructions (as may be applicable).

For coaxial venting systems only:

In the event of flue gas leakage, the boiler enclosure provides a tightly sealed system on the inside of the building. Escaping flue gas is fed back into the combustion air intake, preventing any flue gas from entering the living area.

The venting system may be concealed in a chase.

Minimum and maximum wall thickness through which the horizontal vent-air intake termination may be installed:

Minimum: 1"/25.4 mm
Maximum: 19.6"/497.8 mm

Vent-air intake system must be properly installed and sealed.

 **WARNING**

The Vitodens 100-W and 200-W boilers are NOT approved for common-venting applications. Do not attempt to common-vent the Vitodens 200-W boiler with any other appliance.

 **WARNING**

Failure to ensure that all flue gases have been safely vented to the outdoors can cause property damage, severe personal injury, or loss of life. Flue gases may contain deadly carbon monoxide.

 **CAUTION**

Under certain climatic conditions some building materials may be affected by flue products expelled in close proximity to unprotected surfaces. Sealing or shielding of the exposed surfaces with a corrosion resistant material (e.g. aluminum sheeting) may be required to prevent staining or deterioration. The protective material should be attached and sealed (if necessary) to the building before attaching the vent termination. It is strongly recommended to install the vent termination on the leeward side of the building.

Single Wall Venting (Room Air Dependent)

General Installation Information (continued)

Additional requirements for stainless steel vent pipe material (continued)

Table 42. Exhaust vent termination options

Supplier	Boiler Model	Stainless Steel Slip Joint Starter Adaptor		Vertical Termination Coupling with Screen (see Fig. 33)	
Flexmaster	■WB1A 8-24, 8-30	3"	2SVSVB03	3"	2SVST03
	■WB2 6-24C, 6-24, 8-32	3"	2SVSVB03	3"	2SVST03
	■WB2 11-44, 15-60	4"	2SVSVB04	4"	2SVST04
Flex-L	■WB1A 8-24, 8-30	3"	SRAVMA3-2	3"	SRTP-03
	■WB2 6-24C, 6-24, 8-32	3"	SRAVMA3-2	3"	SRTP-03
	■WB2 11-44, 15-60	4"	SRAVMA4-2	4"	SRTP-04
Heat-Fab	■WB1A 8-24, 8-30	3"	9301VSMN	3"	9392
	■WB2 6-24C, 6-24, 8-32	3"	9301VSMN	3"	9392
	■WB2 11-44, 15-60	4"	9401VSMN	4"	9492
ProTech	■WB1A 8-24, 8-30	3"	300568	3"	300186
	■WB2 6-24C, 6-24, 8-32	3"	300568	3"	300186
	■WB2 11-44, 15-60	4"	300569	4"	300187

Note:

Minimum vent pipe diameter with stainless steel vent system is 3" / 76mm.

Table 43. Other exhaust vent termination options (horizontal installation)

Supplier	Boiler Model	Termination Elbow with Screen 90° or 45° (see Fig. 34)	Termination Tee with Screen (see Fig. 35)	Termination Hood with Screen (see Fig. 36)	Combination Vent/Air Intake Terminal (see Figs. 37 and 38)
Flexmaster	■WB1A 8-24, 8-30 ■WB2 6-24C, 6-24, 8-32 ■WB2 11-44, 15-60	Contact supplier	Contact supplier	Contact supplier	n.a.
Flex-L	■WB1A 8-24, 8-30 ■WB2 6-24C, 6-24, 8-32 ■WB2 11-44, 15-60	Contact supplier	Contact supplier	Contact supplier	n.a.
Heat-Fab	■WB1A 8-24, 8-30 ■WB2 6-24C, 6-24, 8-32 ■WB2 11-44, 15-60	Contact supplier	Contact supplier	Contact supplier	n.a.
ProTech	■WB1A 8-24, 8-30 ■WB2 6-24C, 6-24, 8-32 ■WB2 11-44, 15-60	Contact supplier	Contact supplier	Contact supplier	n.a.
Viessmann	■WB1A 8-24, 8-30 ■WB2 6-24C, 6-24, 8-32 ■WB2 11-44, 15-60	n.a.	n.a.	n.a.	3" 7134772 3" 7134772 4" 7134773 (see Fig. 37, 38*)

General Installation Information (continued)

Additional requirements for stainless steel vent pipe material (continued)

Table 44. Coaxial increaser (min. stainless steel pipe diameter is 3" / 76mm)

Supplier	Boiler Model	Coaxial increaser, Part Number	Ø inches mm	Qty.
Viessmann	■WB1A 8-24, 8-30	7176765 (see Fig. 51)	2 to 3 60 to 80	1

Coaxial increaser
for WB1A 8-24, 8-30
Part No. 7176765

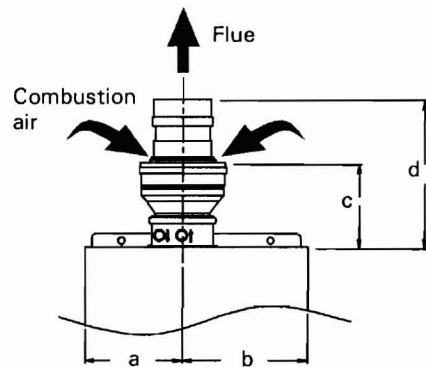
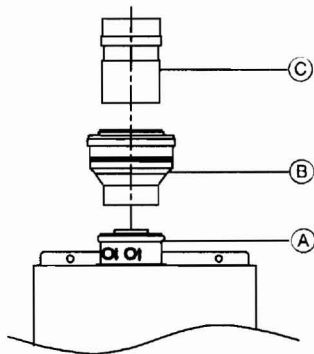


Fig. 51

Legend

- Ⓐ Boiler adaptor
- Ⓑ Coaxial increaser, 60/100, 80/125 (2" to 3")
- Ⓒ 3" diameter stainless steel starter adaptor (max. insertion 2½" / 64mm)
- a 6.93" / 176mm
- b 8.82" / 224mm
- c 6.25" / 159mm
- d 10.34" / 263mm

Starter adaptor
for WB2 6-24C, 6-24, 8-32, 11-44,
and 15-60

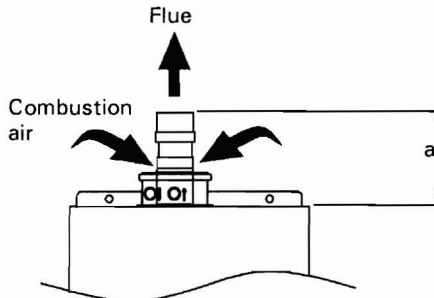
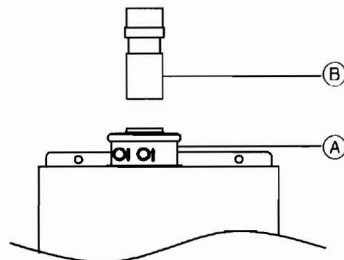


Fig. 52

Legend

- Ⓐ Boiler adaptor
- Ⓑ Stainless steel starter adaptor (max. insertion 2½" / 64mm)
- a 6½" / 165mm