

# DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK CITY OF PORTLAND

DEPARTMENT OF BUILDING INSPECTION

## PERMIT

Please Read Application And Notes, If Any, Attached

Permit Number: 061362

PERMIT ISSUED  
NOV - 1 2006  
CITY OF PORTLAND

This is to certify that CHESTNUT STREET LOFT LLC / Air Temp  
has permission to wall hung boiler in each unit gas fired unit in kitchen  
AT 21 CHESTNUT ST PORTLAND, OR 97201

provided that the person or persons performing or supervising this permit shall comply with all of the provisions of the Statutes of the State and of the Ordinances of the City of Portland regulating the construction, maintenance and use of buildings and structures, and of the application on file in this department.

Apply to Public Works for street line and grade if nature of work requires such information.

Notification of inspection must be given and when permission is procured before this building or part thereof is altered or closed-in. 4 HOUR NOTICE IS REQUIRED.

A certificate of occupancy must be procured by owner before this building or part thereof is occupied.

### OTHER REQUIRED APPROVALS

Fire Dept. Greg Carr 10-10-06  
Health Dept. \_\_\_\_\_  
Appeal Board \_\_\_\_\_  
Other \_\_\_\_\_  
Department Name \_\_\_\_\_

William R. Collins 10/19/06  
Director - Building & Inspection Services

**PENALTY FOR REMOVING THIS CARD**

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

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

|                       |   |                     |
|-----------------------|---|---------------------|
| Permit No:<br>06-1362 | Issue Date:<br><b>PERMIT ISSUED</b><br>NOV - 1 2006 | CBL:<br>027 CC10001 |
|-----------------------|---|---------------------|

|   |  |  |                      |
|---|--|--|----------------------|
| Location of Construction:<br>21 CHESTNUT ST | Owner Name:<br>CHESTNUT STREET LOFTS LLC | Owner Address:<br>ONE INDIA ST                       | Phone:               |
| Business Name:                              | Contractor Name:<br>Air Temp             | Contractor Address:<br>11 Wallace Ave South Portland | Phone:<br>2077742300 |
| Lessee/Buyer's Name                         | Phone:                                   | Permit Type:<br>HVAC                                 | Zoning:<br>B-3       |

|   |  |   |   |                    |
|---|--|---|---|--------------------|
| Past Use:<br>Residential multi-unit -- 37 Res<br>with commercial on 1st floor<br>Condos | Proposed Use:<br>Residential multi-unit wall hung boiler in each unit & gas fired unit in recycling room | Permit Fee:<br>\$2,420.00   | Cost of Work:<br>\$240,000.00                     | CEO District:<br>1 |
|   |  | FIRE DEPT:<br>NFA 54<br><input checked="" type="checkbox"/> Approved<br><input type="checkbox"/> Denied | INSPECTION:<br>Use Group: R3 Type: 2B<br>IMC 2003 |                    |

|  |                               |                                |
|--|-------------------------------|--------------------------------|
| Proposed Project Description:<br>wall hung boiler in each unit & gas fired unit in recycling room                        | Signature: <i>Craig Cross</i> | Signature: <i>MME 10/19/06</i> |
| 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:<br>dmartin | Date Applied For:<br>09/14/2006 | <b>Zoning Approval</b> |
|-----------------------------|---------------------------------|------------------------|

|   |   |   |   |
|---|---|---|---|
| <ol style="list-style-type: none"> <li>This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.</li> <li>Building permits do not include plumbing, septic or electrical work.</li> <li>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..</li> </ol> | <b>Special Zone or Reviews</b><br><input type="checkbox"/> Shoreland<br><input type="checkbox"/> Wetland<br><input type="checkbox"/> Flood Zone<br><input type="checkbox"/> Subdivision<br><input type="checkbox"/> Site Plan<br>Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/><br>Date: <i>ok 9/20/06</i> | <b>Zoning Appeal</b><br><input type="checkbox"/> Variance<br><input type="checkbox"/> Miscellaneous<br><input type="checkbox"/> Conditional Use<br><input type="checkbox"/> Interpretation<br><input type="checkbox"/> Approved<br><input type="checkbox"/> Denied<br>Date: | <b>Historic Preservation</b><br><input type="checkbox"/> Not in District or Landmark<br><input type="checkbox"/> Does Not Require Review<br><input type="checkbox"/> Requires Review<br><input type="checkbox"/> Approved<br><input type="checkbox"/> Approved w/Conditions<br><input type="checkbox"/> Denied<br>Date: |
|---|---|---|---|

**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 |

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

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

|                              |  |                            |
|------------------------------|--|----------------------------|
| <b>Permit No:</b><br>06-1362 | <b>Date Applied For:</b><br>09/14/2006 | <b>CBL:</b><br>027 C010001 |
|------------------------------|--|----------------------------|

|  |   |   |                                |
|--|---|---|--------------------------------|
| <b>Location of Construction:</b><br>21 CHESTNUT ST | <b>Owner Name:</b><br>CHESTNUT STREET LOFTS LLC | <b>Owner Address:</b><br>ONE INDIA ST                       | <b>Phone:</b>                  |
| <b>Business Name:</b>                              | <b>Contractor Name:</b><br>Air Temp             | <b>Contractor Address:</b><br>11 Wallace Ave South Portland | <b>Phone</b><br>(207) 774-2300 |
| <b>Lessee/Buyer's Name</b>                         | <b>Phone:</b>                                   | <b>Permit Type:</b><br>HVAC                                 |                                |

|   |  |
|---|--|
| <b>Proposed Use:</b><br>Residential multi-unit wall hung boiler in each unit & gas fired unit in recycling room | <b>Proposed Project Description:</b><br>wall hung boiler in each unit & gas fired unit in recycling room |
|---|--|

**Dept:** Zoning      **Status:** Approved      **Reviewer:** Marge Schmuckal      **Approval Date:** 09/20/2006  
**Note:**      **Ok to Issue:**

**Dept:** Building      **Status:** Pending      **Reviewer:** Michael A. Collins      **Approval Date:** 10/19/2006  
**Note:**      **Ok to Issue:**

1) Equipment must be installed in compliance with the manufacturer's specifications  
 2) Maintain proper setback(s) from property lines/buildings and proper clearances from verticle openings when direct venting.  
 3) The installation must comply with the State of Maine Gas Regulations.

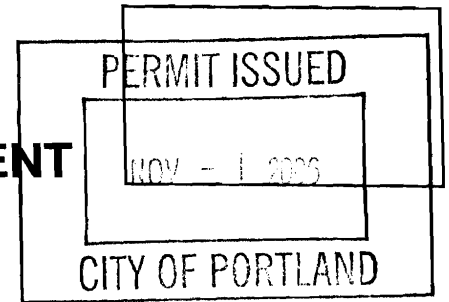
**Dept:** Fire      **Status:** Approved with Conditions      **Reviewer:** Cptn Greg Cass      **Approval Date:** 10/10/2006  
**Note:** awaiting Info 9-25-06      **Ok to Issue:**   
 Recieved 10-10-06

1) A NFPA 54 compliance letter will be required from the installer upon completion of job.  
 2) Installation shall comply with NFPA 54  
 I don't have venting clearances available at plan review. Will be field verified.



FILL IN AND SIGN WITH INK

# APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT



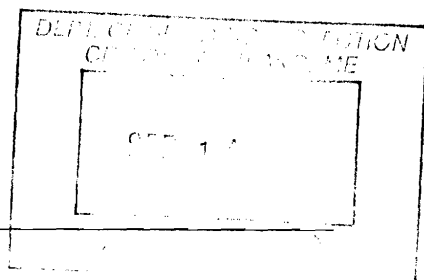
To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

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 29 Chestnut St. 27 C10 Use of Building Detail/Condos Date 9/12/06  
 Name and address of owner of appliance Chestnut St Lofts LLC  
1 India St. Portland, ME 04101  
 Installer's name and address Airtump 11 Wallace Ave.  
S. Portland, ME 04106 Telephone 207-774-2300

**Location of appliance:** HVAC Air handlers  
 Basement Floor  Floor  
 Attic  Roof  
WALL HUNG BOILERS IN EACH UNIT  
**Type of Fuel:** 1-GAS FIRED UNIT HEATED IN RECYCLING RM  
 Gas  Oil  Solid  
Air handlers: Magic Ave  
**Appliance Name:** Boilers: Baxi  
 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 # PMT 1977  
 Other \_\_\_\_\_

**Type of Chimney:**  
 Masonry Lined  
 Factory built \_\_\_\_\_  
 Metal Unit Leader B-vent  
 Factory Built U.L. Listing # MH 6690  
HART+COOLEY  
 Direct Vent  
 Type BAXI UL# \_\_\_\_\_  
**Type of Fuel Tank**  
 Oil  
 Gas  
 Size of Tank N/A  
 Number of Tanks N/A  
 Distance from Tank to Center of Flame \_\_\_\_\_ feet.  
 Cost of Work: \$ 240,000.00  
 Permit Fee: \$ 2,420.00



### Approved

### Approved with Conditions

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

See attached letter or requirement  
 \_\_\_\_\_  
 Inspector's Signature 10/19/06  
 Date Approved

Signature of Installer \_\_\_\_\_

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



CSA INTERNATIONAL

# Certificate of Compliance

Certificate: 1195388 (111998)

Master Contract: 188786

Project: 1523654

Date Issued: 2004/05/11

Issued to: Baxi S.p.A.

Via Trozzetti 20  
Bassano Del Grappa, Vicenza 36061  
Italy  
Attention: Mr. Ettore Barbieri (4513004)

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US'*



Issued by: Jonathan Dalton

Authorized by: Renzo Pupulin, C.E.T., Product Group Manager

### PRODUCTS

CLASS 2901 85 - DOMESTIC HEATERS (GAS) - Water Heaters-Certified to U.S. Standards

CLASS 2901 05 - DOMESTIC HEATERS (GAS) - Water Heaters

CLASS 1502 81 - BOILERS (GAS) - Steam and Hot Water - Residential - Certified to U.S. Standard

CLASS 1502 01 - BOILERS (GAS) - Steam and Hot Water - Residential

LUNA 310 Fi, LUNA 1.310 Fi

### APPLICABLE REQUIREMENTS

The 'C' and 'US' indicators adjacent to the CSA Mark signify that the product has been evaluated to the applicable CSA and ANSI/UL Standards, for use in Canada and the U.S., respectively. This 'US' indicator includes products eligible to bear the 'NRTL' indicator. NRTL, i.e. National Recognized Testing Laboratory, is a designation granted by the U.S. Occupational Safety and Health Administration (OSHA) to laboratories which have been recognized to perform certification to U.S. Standards.

# BAKI BOILER VENTING INSTRUCTIONS

**Notes:** If an extra 90° bend is used, this reduces the maximum flue length by 3.28 ft / 1 m. Each 45° bend used reduces the maximum flue length by 1.64 ft / 0.5 m.  
Under no circumstances must the flue length (including allowances for extra bends) exceed 4 metres.

**Remarque:**

Si l'on emploie un raccord additionnel de 90°, la longueur maximale de la buse des fumées sera réduite de 3.28 ft / 1 m. Tout raccord de 45° ajouté réduit la longueur maximale de la buse de 1.64 ft / 0.5 m.  
En aucun cas la longueur de la buse (les longueurs des raccords additionnels inclus) ne doit pas dépasser les 4 mètres.

1. Locate the flue elbow on the adaptor at the top of the boiler. Set the elbow to the required orientation (rear, right or left).
2. Measure the distance from the outside wall face to the elbow (Fig. 3). This dimension will be known as 'X'.
3. Taking the air duct, mark dimension 'X' as shown (Fig. 4). Measure the length of waste material, and transfer the dimension to the flue duct (Fig. 4).
4. Remove the waste from both ducts. Ensure that the cut ends are square and free from burrs.
5. Remove the flue elbow from the adaptor.

1. Placer le coude d'évacuation des fumées sur l'adaptateur en haut de la chaudière. Orienter le coude selon les besoins de l'installation (en arrière, à droite ou à gauche).
2. Mesurer la distance entre le bord extérieur du mur et le coude (Fig.3). Cette cote sera indiquée par la lettre 'X'.
3. En prenant le conduit d'air, marquer la cote 'X' (voir Fig.4). Mesurer la longueur de la chute et la transférer sur le conduit des fumées (Fig.4).
4. Couper les chutes des deux conduits en s'assurant que les coupes sont bien à l'équerre et sans bavures.
5. Sortir le coude de l'adaptateur.

**IMPORTANT:** Check all measurements before cutting.

**IMPORTANT:** Contrôler toutes les cotes avant de couper.

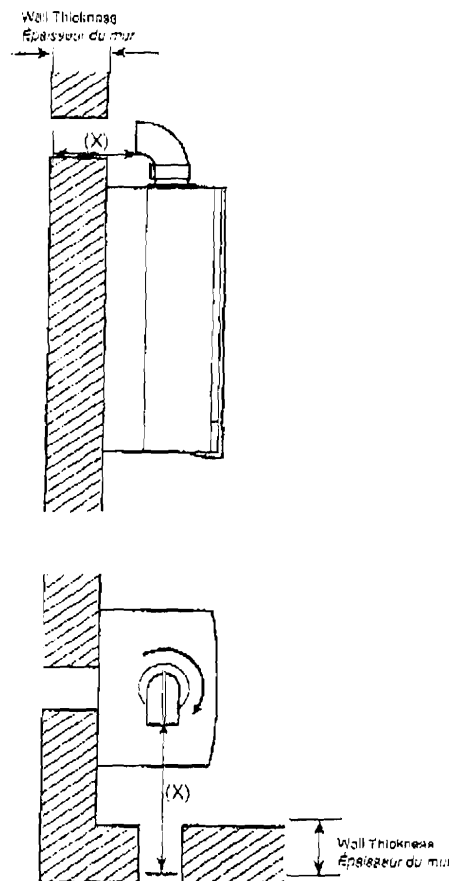


Fig. 3

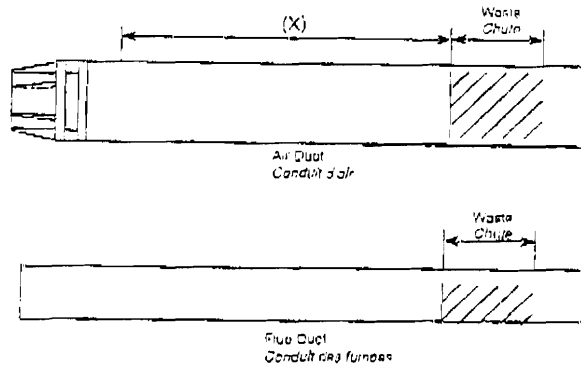


Fig. 4

**IMPORTANT:** If the equivalent flue length is greater than 1.5m the restrictor **MUST** be removed from the adaptor (Fig. 5).

**IMPORTANT :** si la longueur équivalente du conduit des fumées est supérieure à 1,5 mètre, **IL FAUT** retirer le réducteur de l'adaptateur (Fig. 5).

6. Insert the flue duct into the air duct and pass them through the hole in the wall.
7. Take one of the rubber seals and position it on the boiler flue adaptor. Engage the flue elbow on the adaptor and pull the sleeve up so that it equally covers the joint (Fig. 5).
8. Remove the screws from one of the clips provided. Prise the clip apart and fit it over the seal (Fig. 6). Set the elbow to the required angle.
9. Refit the screws to the clip and tighten them to secure the elbow. Take the second rubber seal and position it on the flue elbow.
10. Locate the flue duct clamp on the flue outlet elbow. Draw the flue duct out of the air duct, engage it in the clamp and tighten the screws (Fig. 7).
11. Draw the air duct out of the wall and align it with the elbow. Position the seal so that it equally covers the joint (Fig. 8).
12. Remove the screws from the second clip provided. Prise the clip apart and fit it over the seal. Refit the screws to the clip and tighten them (Fig. 8).
13. Where possible position the clips so that the screws are not visible.
14. Make good between the wall and air duct outside the building.

6. Introduire le conduit des fumées dans le conduit d'air et enfler l'ensemble à travers le trou percé dans le mur.
7. Prendre l'un des joints en caoutchouc et le poser sur l'adaptateur de la chaudière. Brancher le coude sur l'adaptateur et pousser le manchon vers le haut de façon à couvrir uniformément le raccord (Fig. 5).
8. Enlever les vis de l'un des colliers fournis. Écarter le collier et le poser sur le joint (Fig. 6). Orienter le coude selon les besoins de l'installation.
9. Remettre les vis sur le collier et les serrer pour immobiliser le coude. Prendre le deuxième joint en caoutchouc et le poser sur le coude d'évacuation des fumées.
10. Mettre la bride de serrage du conduit des fumées sur le coude de sortie des fumées. Sortir le conduit des fumées du conduit d'air, l'enfiler dans la bride de serrage et serrer les vis (Fig. 7).
11. Sortir le conduit d'air du mur et l'aligner avec le coude. Poser le joint de façon à recouvrir uniformément le raccord (Fig. 8).
12. Enlever les vis du deuxième collier fourni. Écarter le collier et le poser au-dessus du raccord. Remettre les vis sur le collier et les serrer (Fig. 8).
13. Si possible, tourner les colliers de façon à cacher les vis.
14. Faire les finitions entre le mur et le conduit d'air à l'extérieur du bâtiment.

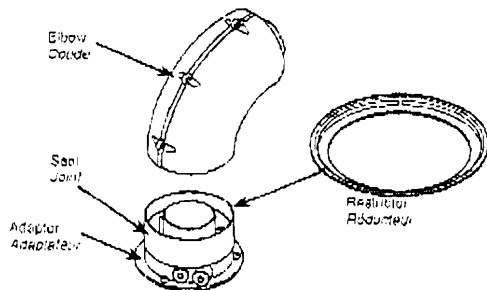


Fig. 5

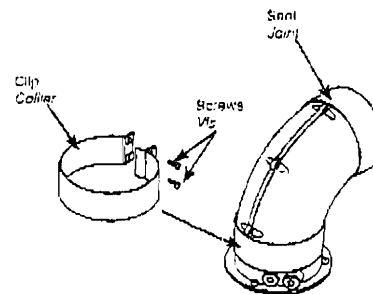


Fig. 6

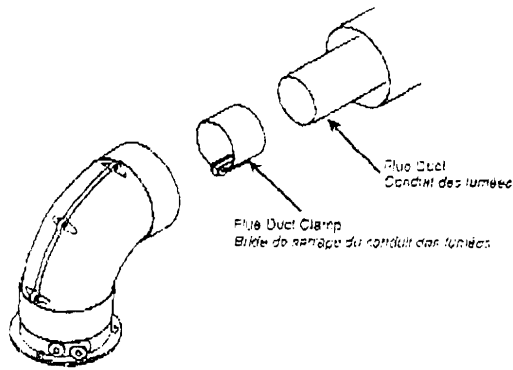


Fig. 7

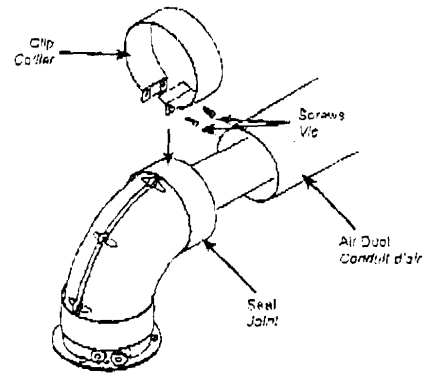


Fig. 8

**Flue Options**

1. The Baxi boiler can be fitted with flue systems as illustrated.
2. The standard flue is suitable only for horizontal applications.
3. Maximum permissible equivalent flue lengths are:-

|            |    |
|------------|----|
| Concentric | 4m |
| Vertical   | 4m |

4. Any additional "in line" bends in the flue system must be taken into consideration. Their equivalent lengths are:-

|                   |          |            |
|-------------------|----------|------------|
| Concentric Pipes: | 45° bend | 0.5 metres |
|                   | 90° bend | 1.0 metres |

The elbow supplied with the standard horizontal flue is not included in any equivalent length calculations

5. The illustrations opposite show examples of maximum equivalent lengths.
6. Instructions for guidance and fitting are included in each kit.

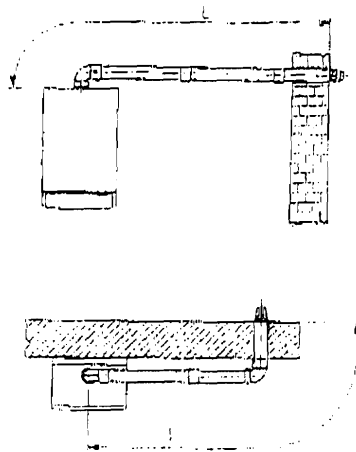


Fig. 9a

**Options pour l'évacuation des fumées**

1. La chaudière Baxi peut être équipée des options d'évacuation des fumées illustrées ci-contre.
2. Le conduit standard ne convient que pour les applications horizontales.
3. Les longueurs équivalentes maximales admises pour le conduit des fumées sont :-

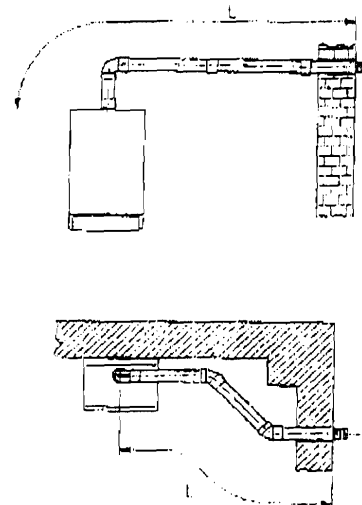
|                        |     |
|------------------------|-----|
| Conduits concentriques | 4 m |
| Conduits verticaux     | 4 m |

4. Il faut prendre en compte les coudes éventuellement montés "en ligne" dans le système d'évacuation des fumées. Leurs longueurs équivalentes sont :-

|                          |           |
|--------------------------|-----------|
| Conduits concentriques : |           |
| Coude de 45 °            | 0,5 mètre |
| Coude de 90 °            | 1,0 mètre |

Le coude fourni avec le conduit des fumées horizontal standard n'est pas pris en compte dans les calculs des longueurs équivalentes.

5. Les figures ci-contre donnent des exemples de longueurs équivalentes maximales.
6. Les instructions de montage sont incluses dans chaque kit.





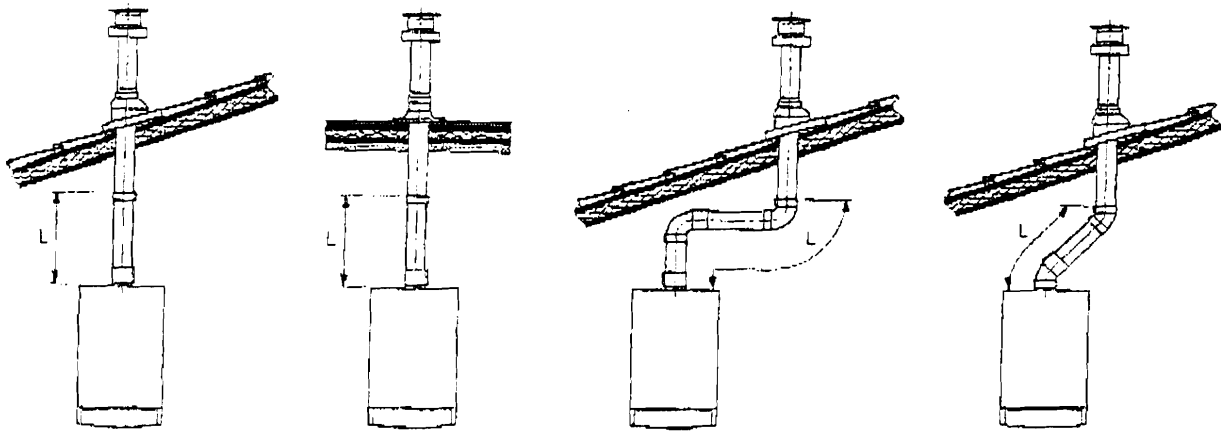


Fig. 9b

**3.4.2 TWO PIPE SYSTEM**

This type of ducting allows to disengage exhaust flue gases both outside the building and into single flue ducts.

Combustion air may be drawn in at a different site from where the flue terminal is located.

The splitting kit consists of a flue duct adaptor (100/80) and of an air duct adaptor, the latter may be placed either on the left or on the right of the flue terminal according to installation requirements.

For the air duct adaptor fit the screws and seals previously removed from the cap.

The restrictor must be removed in case you install separated flue and air duct terminals.

**3.4.2 CONDUITS SÉPARÉS**

Ces types de conduits permettent d'utiliser des conduits séparés pour l'évacuation des gaz brûlés et des fumées à l'extérieur du bâtiment.

L'évacuation de l'air comburant peut ainsi être séparée du terminal d'évacuation des fumées.

Le kit de séparation contient un adaptateur (100/80) pour le conduit des fumées et un deuxième adaptateur pour le conduit d'air, ce dernier peut être placé sur la gauche ou sur la droite du terminal, en fonction des besoins de l'installation.

Pour l'adaptateur du conduit d'air, utiliser les vis et les joints précédemment retirés de l'embout.

En cas d'installation de terminaux séparés pour l'évacuation des fumées et de l'air, enlever le réducteur.

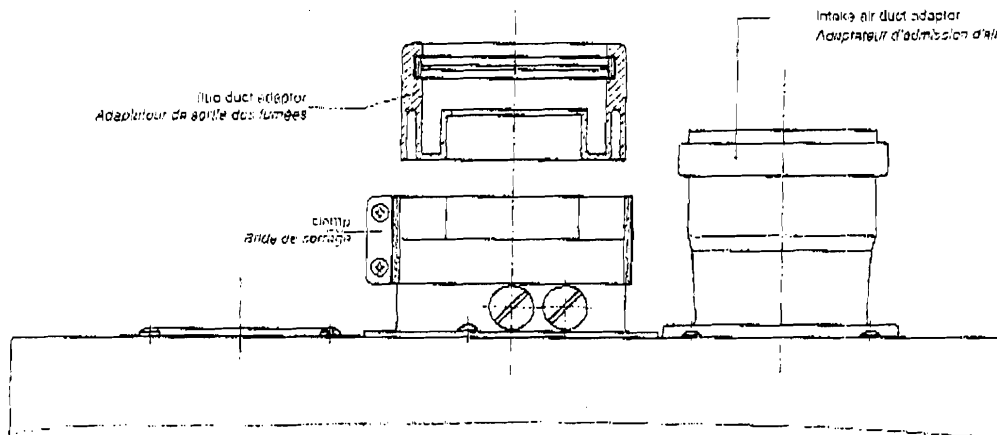


Fig. 10

The 90° bend allows to connect the boiler to flue-air ducting regardless of direction as it can be rotated by 360°. It can moreover be used as a supplementary bend to be coupled with the duct or with a 45° bend.

Le coude à 90° permet de raccorder les conduits des fumées et de l'air à la chaudière indépendamment de leur orientation puisqu'il peut pivoter sur 360°. Il peut également être utilisé comme coude supplémentaire en le raccordant directement au conduit ou à un coude de 45°.

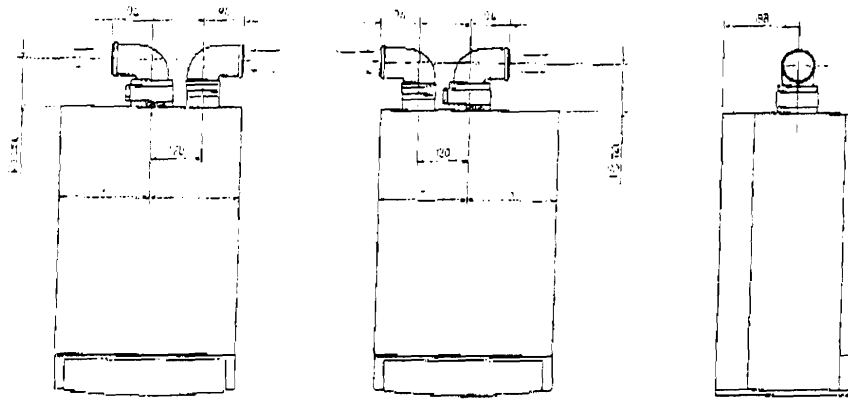


Fig. 11

A 90° bend reduces the total duct length by 0.5 metre.  
 A 45° bend reduces the total duct length by 0.25 metre.

*Un coude de 90° réduit la longueur totale du conduit de 0,5 mètre.  
 Un coude de 45° réduit la longueur totale du conduit de 0,25 mètre.*

**Separated horizontal flue terminals installation options**

*Options pour l'installation de terminaux des fumées horizontaux séparés*

**IMPORTANT:** Ensure a minimum downward slope of 1 cm toward the outside per each metre of duct length  
 In the event of installation of the condensate collection kit, the angle of the drain duct must be directed towards the boiler

*IMPORTANT :* Le conduit doit descendre vers l'extérieur avec une inclinaison d'au moins 1 centimètre par mètre linéaire.  
 En cas d'installation du kit de récupération des condensats, l'angle du conduit doit être dirigé vers la chaudière.

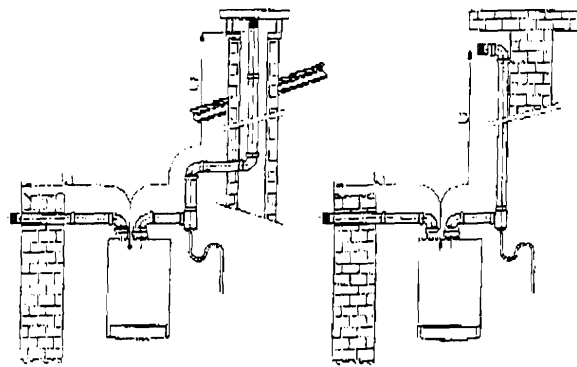


Fig. 12

(L1 + L2) max = 25 m

The maximum length of the suction duct must be 10 metres.  
 If the flue duct exceeds 6 m, the condensate collection kit (supplied as an accessory) must be fitted close to the boiler.

*La longueur maximum du conduit d'aspiration est de 10 mètres.  
 Si le conduit des fumées mesure plus de 6 m, le kit de récupération des condensats (fourni en accessoire) doit être monté près de la chaudière.*

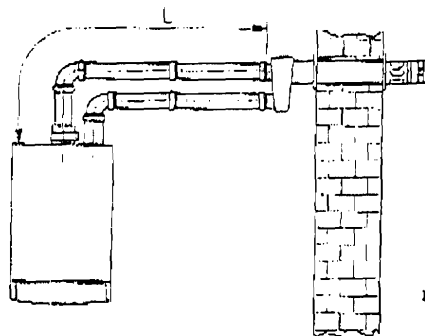
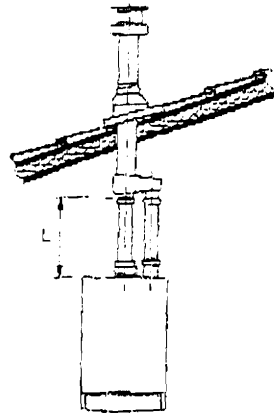


Fig. 13

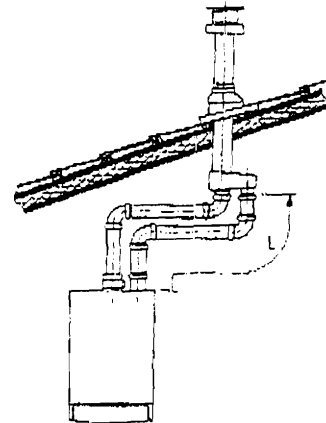
L max = 8 m

Separated vertical flue terminals installation options

Options pour l'installation de terminaux de fumées verticaux



L max = 12 m



L max = 11 m

Fig. 14

Important: If fitting a single exhaust flue duct, ensure it is adequately insulated (e.g. with glass wool) wherever the duct passes through building walls.  
For detailed instructions concerning the installation of fittings refer to the technical data accompanying the fittings.

Important : en cas d'utilisation d'un seul conduit d'évacuation des fumées, s'assurer qu'il est correctement isolé (par exemple, avec de la laine de verre) s'il traverse les murs du bâtiment.  
Pour des instructions détaillées sur l'installation, se reporter au descriptif technique fourni avec ces éléments.

Split flue air control adjustment

Mise au point du régulateur du conduit séparé des fumées et de l'air

The adjustment of this control is required to optimise performance and combustion parameters. The air suction coupling which may be mounted on the left or right of the flue duct can be rotated to adjust excess air according to the total length of the flue and intake ducts for the combustion air.  
Turn this control clockwise to decrease excess combustion air and anticlockwise to increase it.

Il est nécessaire d'effectuer la mise au point de ce régulateur pour optimiser le rendement et les paramètres de combustion. Le raccordement de l'aspiration de l'air, qui peut être monté à gauche ou à droite du conduit des fumées, peut être tourné pour ajuster l'excès d'air en fonction de la longueur totale du conduit des fumées et du conduit d'amenée de l'air de combustion.

To improve optimisation a combustion product analyser can be used to measure the CO<sub>2</sub> contents of the flue at maximum heat output, gradually adjusting air to obtain the CO<sub>2</sub> reading in the table below, if the analysis shows a lower value

Tourner le régulateur vers la droite pour diminuer l'excès d'air de combustion ou vers la gauche pour l'augmenter.

Il est possible d'utiliser un analyseur des produits de combustion pour mesurer la teneur en CO<sub>2</sub> des fumées à la puissance calorifique maximale. Si la quantité de CO<sub>2</sub> est faible, il faut réguler graduellement la quantité d'air pour obtenir les valeurs indiquées dans le tableau ci-dessus.

To properly install this device, also refer to the technical data accompanying the fitting

Pour monter correctement ce dispositif, se reporter au descriptif technique fourni avec le dispositif.

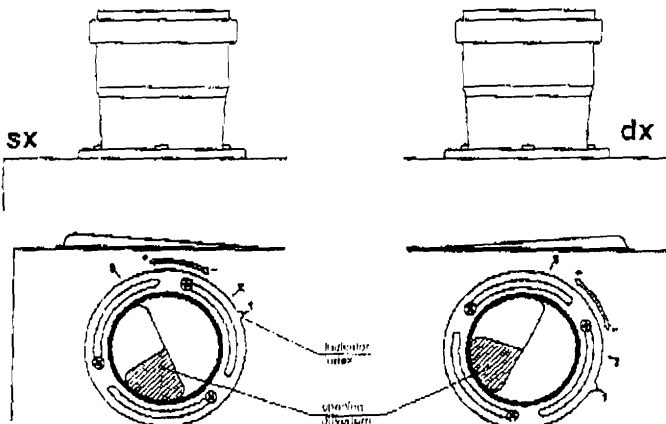


Fig. 15

| (L1+L2) MAX | CONTROL POSITION<br>POSITION RÉGULATEUR | CO <sub>2</sub> % |     |
|-------------|---|-------------------|-----|
|             |   | G20               | G31 |
| 0+2         | 1                                       |                   |     |
| 2+10        | 2                                       | 7                 | 9.5 |
| 10+25       | 3                                       |                   |     |

3.5 FLUE TERMINAL LOCATION - Fig. 15  
IN COMPLIANCE WITH C.A. 4

3.5 PLACEMENT DU TERMINAL DE LA BUSE - Fig. 16  
EN CONFORMITE AVEC CGA B149

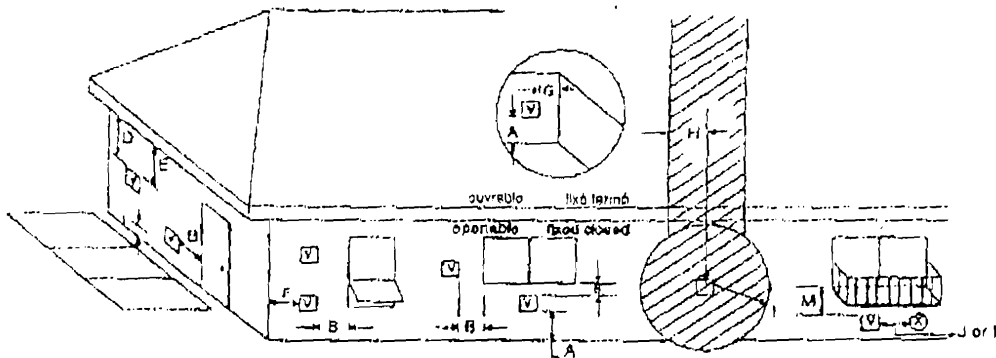


Fig. 16

- V = VENT TERMINAL
- V = TERMINAL CONDUIT AIR
- X = AIR SUPPLY INLET
- X = PRISE D'AIR
- = AREA WHERE TERMINAL IS NOT PERMITTED
- = ZONE INTERDITE AU DEPLACEMENT DU TERMINAL

| Vent Termination Minimum Clearances - Distances minimales du terminal |  |
|---|--|
| A = 12"   | clearances above grade, veranda, porch, deck or balcony - distances au-dessus du terrain, d'une véranda, d'un porche, du sol ou d'un balcon  |
| B = 12"   | clearances to window or door that may be opened - distances d'une fenêtre ou d'une porte ouvrables   |
| D = 18"   | vertical clearance to ventilated soffit located above the terminal within a horizontal distance of 2 feet (60 cm) from the centre line of the terminal - distance verticale d'un intrados placé au-dessus du terminal à la distance horizontale de 2 ft. (60 cm) au maximum de la ligne centrale du terminal |
| E = 18"   | clearance to unventilated soffit - distance d'un intrados non ventilé  |
| F = 0"  | clearance to outside corner - distance d'un angle externe  |
| G = 6"  | clearance to inside corner - distance d'un angle interne   |
| H = 4 ft. (U.S.A.)<br>3 ft. (Canada)                                  | not to be installed above a gas meter/regulator assembly within H horizontally from the centre line of the regulator - à ne pas installer au-dessus d'un compteur du gaz / du raccord d'un limiteur placés à 3 ft. (90 cm) calculés en horizontal de la ligne centrale du limiteur                           |
| I = 3 ft. (U.S.A.)<br>6 ft. (Canada)                                  | clearance to service regulator vent outlet - distance de la sortie du conduit d'un limiteur de service   |
| J = 0" (U.S.A.)<br>12" (Canada)                                       | clearance to non-mechanical air supply inlet to building or the combustion air inlet to any other appliance - distance d'une prise d'air non-mécanique de l'édifice ou d'une prise d'air de combustion pour d'autres appareils   |
| K = 3 ft. (U.S.A.)<br>6 ft. (Canada)                                  | clearance to a mechanical air supply inlet - distance d'une prise d'air mécanique  |
| * L = 7 ft.   | clearance above paved side-walk or a paved driveway located on public property - distance d'un trottoir pavé ou d'une allée d'accès pavée placés sur le sol public   |
| ** M = 18"  | clearance under veranda, porch, deck or balcony - distance au-dessous d'une véranda, d'un porche, du sol ou d'un balcon  |

\* A vent shall not terminate directly above a side-walk or paved driveway which is located between two single family dwellings and serves both dwellings unless terminated 7 ft above sidewalk.

\*\* Only permitted if veranda, porch, deck or balcony is fully open on a minimum of 2 sides beneath the floor.

Note: Local Codes or Regulations may require different clearances. The flue terminal must be exposed to the external air and the position must allow the free passage of air across it at all times. In certain weather conditions the terminal may emit a plume of steam. Avoid positioning the terminal where this may cause a nuisance.

The terminal is not to be installed less than 6.56 ft / 2 m above a surface to which the public have access. The terminal must be protected by a terminal guard.

\* si un soupirail ne s'arrête pas à 7 pieds au-dessus du trottoir, il ne peut pas se terminer sur un trottoir ou sur une voie d'accès privée avec revêtement située entre deux habitations résidentielles individuelles et utilisée par les deux habitations.

\*\* permis exclusivement si la véranda, le porche, le sol ou le balcon sont complètement ouverts sur au moins deux côtés au-dessus du pavement.

Remarque: les Codes et les Règlements locaux pourraient entraîner le terminal de la buse des fumées doit être placé au grand air de façon que sa position permette le déplacement de l'air à tout moment. Dans certaines conditions météo le terminal peut dégager du vapeur. Évitez de placer le terminal où cela pourrait déranger. Si le terminal est installé à moins de 6.56 ft / 2 m au dessus d'un endroit accessible aux gens, il est nécessaire d'ajouter une protection.

**AIRTEMP**  
 a Comfort Systems USA company  
 11 Wallace Avenue  
 SOUTH PORTLAND, MAINE 04106-6143

LETTER OF TRANSMITTAL

TEL (207) 774-2300  
 FAX (207) 871-1345

|           |                                       |         |     |
|-----------|---------------------------------------|---------|-----|
| DATE      | 9/12/06                               | JOB NO. | 591 |
| ATTENTION | Inspections                           |         |     |
| RE:       | Chestnut St. Lofts<br>29 Chestnut St. |         |     |
|           |                                       |         |     |
|           |                                       |         |     |
|           |                                       |         |     |
|           |                                       |         |     |

TO Portland City Hall  
Inspections  
389 Congress St.  
Portland, ME 04101

WE ARE SENDING YOU  Attached  Under separate cover via \_\_\_\_\_ the following items:

- Shop drawings     Prints     Plans     Samples     Specifications  
 Copy of letter     Change order     Heating permit application

| COPIES | DATE | NO. | DESCRIPTION                    |
|--------|------|-----|--------------------------------|
| 1      | 9/12 |     | Application for permit heating |
| 1      | 9/12 |     | FOM Airhandlers                |
| 1      | 9/12 |     | FOM Buxi Wall hung boilers     |
| 1      | 9/12 |     | FOM Gas fired unit heater      |
| 1      |      |     | check #51228                   |
|        |      |     |                                |
|        |      |     |                                |
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- For approval     Approved as submitted     Resubmit \_\_\_\_\_ copies for approval  
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REMARKS \_\_\_\_\_  
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If enclosures are not as noted, kindly notify us at once.