

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



CITY OF PORTLAND BUILDING PERMIT



This is to certify that

MZ PROPERTIES LLC /All Aspects Plumbing & Heating

Located at

12 KENNETH ST

PERMIT ID: 2013-00015

CBL: 382 A005001

has permission to **HVAC Baxi Lund boiler install**

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 cloed-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 procured prior to occupancy.

Fire Prevention Officer

JR 01/07/13

Code Enforcement Officer / Plan Reviewer

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

BUILDING PERMIT INSPECTION PROCEDURES
Please call 874-8703 (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.**

REQUIRED INSPECTIONS:

Close-in/Elec./Plmb./Framing

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.

City of Portland, Maine - Building or Use Permit

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

Permit No: 201300015	Date Applied For: 01/03/2013	CBL: 382 A005001
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Location of Construction: 12 KENNETH ST	Owner Name: MZ PROPERTIES LLC	Owner Address: 126 UNDERWOOD RD	Phone:
Business Name:	Contractor Name: All Aspects Plumbing & Heating	Contractor Address: PO Box 10462 Portland	Phone (207) 632-2857
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	

Proposed Use: New Single Family	Proposed Project Description: HVAC Baxi Lund boiler install
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Dept: Zoning	Status: Approved	Reviewer: Marge Schmuckal	Approval Date: 01/07/2013
Note:			Ok to Issue: <input checked="" type="checkbox"/>

Dept: Building	Status: Approved w/Conditions	Reviewer: Jon Rioux	Approval Date: 01/09/2013
Note:			Ok to Issue: <input checked="" type="checkbox"/>
<p>1) The installation must comply with UL, the Manufacturers' Listing, MUBEC (IRC, 2009), and State of Maine Gas Regulations. 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. Maintain proper setback(s) from property lines/buildings and proper clearances from vertical openings when direct venting. 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.</p>			

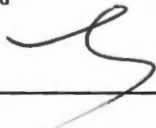
City of Portland, Maine - Building or Use Permit Application

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

Permit No: 2013-00015	Issue Date:	CBL: 382 A005001
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Location of Construction: 12 KENNETH ST	Owner Name: MZ PROPERTIES LLC	Owner Address: 126 UNDERWOOD RD FALMOUTH, ME 04105	Phone:
Business Name:	Contractor Name: All Aspects Plumbing & Heating	Contractor Address: PO Box 10462 Portland ME 04104	Phone (207) 632-2857
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	Zone: R3
Past Use: New Single Family <i># 2012-07-4523</i>	Proposed Use: New Single Family	Permit Fee: \$120.00	Cost of Work: \$10,000.00
Proposed Project Description: HVAC Baxi Lund boiler install		FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied <input checked="" type="checkbox"/> N/A	INSPECTION: Use Group: Type: <i>ME Gas Regs</i> <i>HVAC</i> <i>(MURPHY)</i>
		Signature: 	
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: bjs	Date Applied For: 01/03/2013	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 information may invalidate a building permit and stop all work..</p>	<p>Special Zone or Reviews</p> <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input checked="" type="checkbox"/> Date: <i>1/7/13</i>	<p>Zoning Appeal</p> <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: _____	<p>Historic Preservation</p> <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: 
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CERTIFICATION

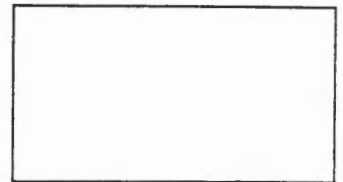
I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, 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 12 KENNETH ST Use of Building _____ Date _____
 Name and address of owner of appliance 12 KENNETH ST PORTLAND, ME
OWNER: MZ PROPERTIES
 Installer's name and address ALAN APPEAS P+H/200
 Telephone 201-632-2857

Location of appliance:

- Basement Floor
 Attic Roof

Type of Fuel:

- Gas Oil Solid

Appliance Name: BAYI LUNA 310 F2

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 2080
 Other _____

Type of Chimney:

- Masonry Lined
 Factory built _____
 Metal
 Factory Built U.L. Listing # _____

Direct Vent

Type COVERLINE RECEIVED

Type of Fuel Tank

- Oil
 Gas

JAN 03 2013

Dept. of Building Inspections
City of Portland Maine

Size of Tank BY OTHERS

Number of Tanks 2

Distance from Tank to Center of Flame 40+ feet.

Cost of Work: \$ 10,000.00

Permit Fee: \$ 120

Approved

Fire: _____
 Ele.: _____
 Bldg.: _____

Approved with Conditions

- See attached letter or requirement

Inspector's Signature

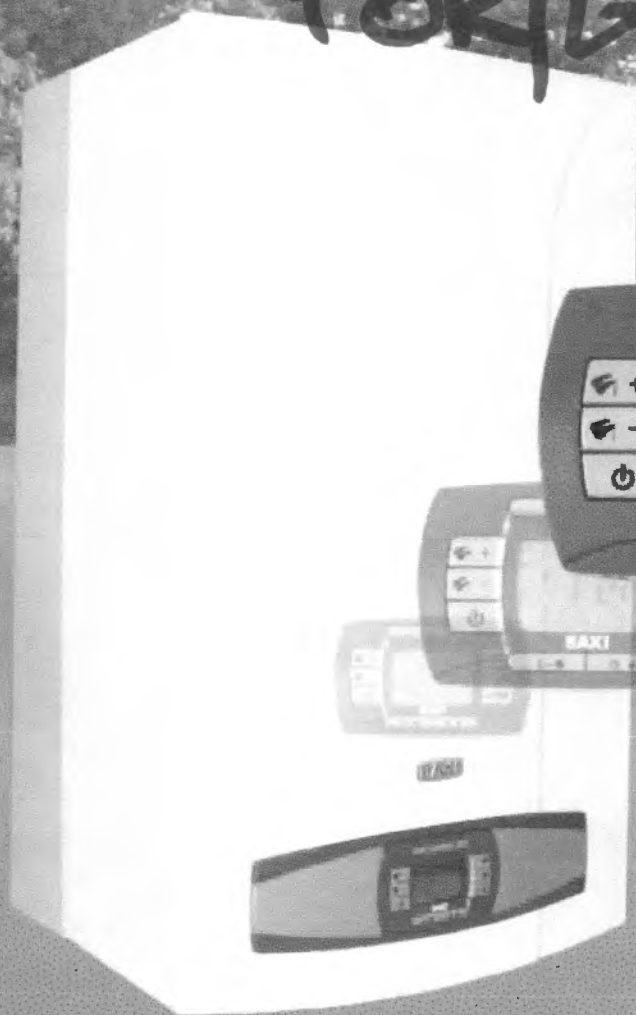
Date Approved

Signature of Installer

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

310FI

12 KENNETH ST.
PORTLAND



BAXI LUNA 3 Comfort

Modulating Wallhung Boiler

Baxi Luna 3 Comfort Modulating Wallhung Boiler



The new Baxi Luna 3 Comfort controller made by Bertelli & Partners enhances boiler set up and performance. It can also be used as room thermostat, communicating with an optional external sensor to optimize performance.

Advanced Functions

- ◆ Climatic curves selection (with external sensor)
- ◆ Selection of the type of building
- ◆ Self-learning function (automatic selection of the best climatic curve)
- ◆ Modulating thermostat
- ◆ DHW timer (with indirect cylinder)
- ◆ Sets up in F° or C°
- ◆ Optional A/C control

Controller Info Mode

- ◆ Actual DHW temperature
- ◆ Actual external temperature
- ◆ CH set-point temperature
- ◆ Actual CH temperature
- ◆ DHW flow rate
- ◆ Current modulating %
- ◆ Boiler Output %
- ◆ Flame signal %

Mechanical Specifications

Furnish and install a fully, modulating wallhung boiler, as shown in the plans. The boiler shall be a Baxi Luna 3 Comfort 310 Fi combination central heating and domestic hot water boiler, or approved equal. The boiler shall be pre-assembled, and NG/propane fired. The boiler shall include a Baxi controller made by Bertelli & Partners. It shall feature modulating sealed combustion with a nickel-chrome stainless steel AISI 316L premix burner and heat exchanger, as well as power venting using outdoor air for combustion. The boiler shall be CSA approved and Energy Star certified, with an AFUE rating of 85.5%. The boiler

shall be manufactured by an OHSAS 18001, ISO 14001 and ISO 9001 registered company to conform to Section IV of the ASME Boiler and Pressure Vessel Code. The boiler's heat exchangers shall bear the ASME H-Stamp. The boiler shall be solar water heating system compatible, and able to bring pre-heated water from an indirect solar tank up to demand. The boiler shall feature these built-in components:

- ◆ 3-way electronic valve
- ◆ Circulating pump with auto air vent
- ◆ Pressure relief valve
- ◆ Expansion Tank
- ◆ Heating circuit fill and drain valves
- ◆ Electronic temperature control
- ◆ High limit switch
- ◆ Low water cut-off
- ◆ Backflow device
- ◆ Automatic by-pass
- ◆ Inducer fan

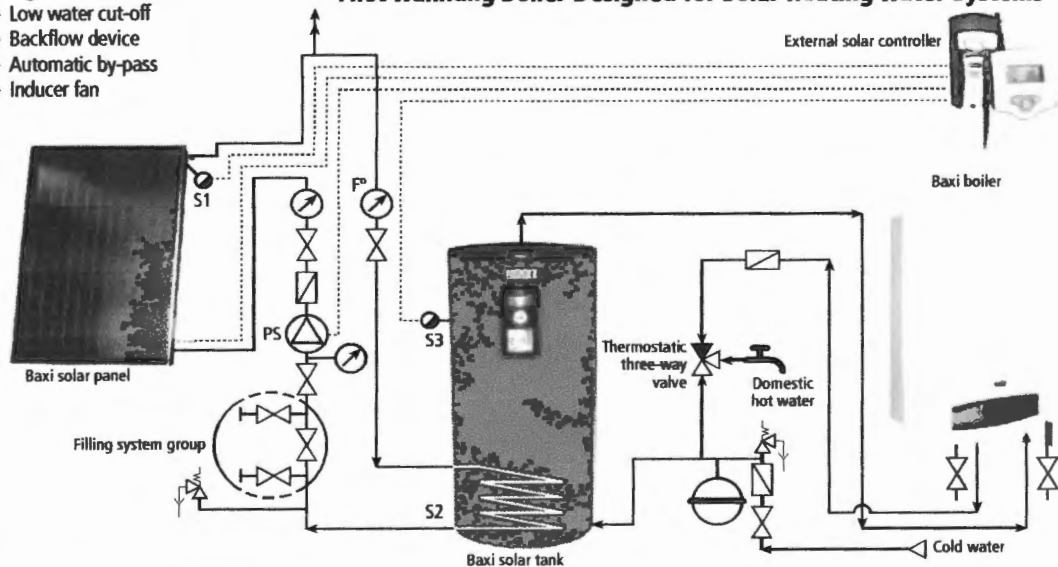
Technical Data		Baxi Luna 3 Comfort 310 Fi Combi CH & DHW	Baxi Luna 3 Comfort 1.31 Fi CH Boiler
AFUE rating	%	85.5	85.5
Thermal efficiency (maximum)	%	89	89
Rated heat input		126,249	126,249
Reduced heat input		45,040	45,040
Rated heat output	BTU/hr	105,776	105,776
Reduced heat output		35,486	35,486
Sealed combustion chamber		yes	yes
Ignition		electronic	electronic
Anti-frost device on heating circuit		yes	yes
Maximum pressure on heating circuit	psi	43	43
Regulation of heating circuit water temperature			
– high temp	°F	86/180	86/180
– low temp	°F	86/113	86/113
Dimensions:			
Height	in	30.04	30.04
Width	in	17.71	17.71
Depth	in	13.58	13.58
Coaxial/Dual flue tube	in	2.36-3.93/3.14	2.36-3.93/3.14
Net weight	lbs	90	86
Gas type		NG/LP	NG/LP

Baxi Luna 3 Comfort 310Fi is a combination central heating and DHW boiler. A separate plate-to-plate heat exchanger produces DHW of 3.3 gpm at delta T 77°F. All heat exchangers in Baxi Luna boilers are ASME H-Stamp certified, and come with a 10-year warranty.

Baxi Luna 3 Comfort 310Fi and 1.31Fi Modulation Range (BTU/hr)



First Wallhung Boiler Designed for Solar Heating Water Systems



BAXI

Marathon International
Exclusive North American Distributor for BAXI Products
1815 Sismet Road, Mississauga, Ontario L4W 1P9, Canada
1-800-461-4657 • info@wallhungboilers.com

www.wallhungboilers.com



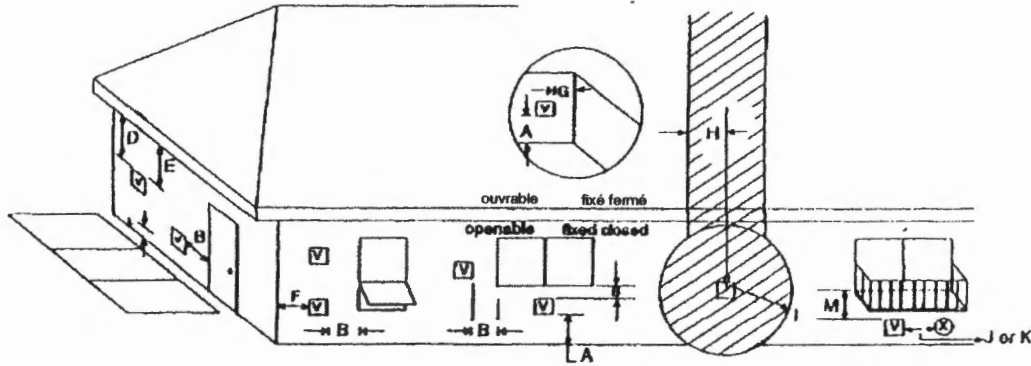


Fig. 16

V = VENT TERMINAL
= TERMINAL CONDUIT AIR

X = AIR SUPPLY INLET
= PRISE D'AIR

[Hatched Area] = 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 - <i>distances au-dessus du terrain, d'une véranda, d'un porche, du sol ou d'un balcon</i>
B = 12"	clearances to window or door that may be opened - <i>distances d'une fenêtre ou d'une porte ouvrables</i>
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 - <i>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</i>
E = 18"	clearance to unventilated soffit - <i>distance d'un intrados non ventilé</i>
F = 9"	clearance to outside corner - <i>distance d'un angle externe</i>
G = 6"	clearance to inside corner - <i>distance d'un angle interne</i>
H = 4 ft. (U.S.A.) 3 ft. (Canada)	not to be installed above a gas meter/regulator assembly within H horizontally from the centre line of the regulator - <i>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>
I = 3 ft. (U.S.A.) 6 ft. (Canada)	clearance to service regulator vent outlet - <i>distance de la sortie du conduit d'un limiteur de service</i>
J = 9" (U.S.A.) 12" (Canada)	clearance to non-mechanical air supply inlet to building or the combustion air inlet to any other appliance - <i>distance d'une prise d'air non-mécanique de l'édifice ou d'une prise d'air de combustion pour d'autres appareils</i>
K = 3 ft. (U.S.A.) 6 ft. (Canada)	clearance to a mechanical air supply inlet - <i>distance d'une prise d'air mécanique</i>
* L = 7 ft.	clearance above paved side-walk or a paved driveway located on public property - <i>distance d'un trottoir pavé ou d'une allée d'accès pavée placés sur le sol publique</i>
** M = 18"	clearance under veranda, porch, deck or balcony - <i>distance au-dessous d'une véranda, d'un porche, du sol ou d'un balcon</i>

* 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 7ft 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.

If the terminal is fitted less than 6.56 ft / 2 m above a surface to which people 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.

Frost Protection Mode

1. The frost protection mode is integrated to the appliance when left in the domestic hot water and central heating position. If the temperature falls below 5° C the boiler will fire on its minimum setting until a flow temperature of 30° C is reached.

Pump Protection

1. With the selector switch in either, the central heating and domestic hot water position, the pump will automatically operate for 1 minute in every 24 hours to prevent sticking.

VENTZUK

3. General Boiler Information

3.1 GAS SUPPLY

The boiler requires a gas rate of 128.1 ft³/h - 3.63m³/h.

The meter and supply pipes must be capable of delivering this quantity of gas in addition to the demand from any other appliances in the house. The boiler requires at least a 3/4" gas supply pipe. The complete installation, including the meter, must be tested for gas leak and purged.

3.2 ELECTRICAL SUPPLY

The boiler requires a 120V 60Hz power supply. Ensure the electrical supply is polarised.

The boiler must be grounded.

There must only be one common isolator, providing complete electrical isolation, for the boiler and any external controls.

Using PVC insulated cable 18 AWG x3C 105 °C.

All wiring must be installed in accordance with requirements of National Electrical Code and any additional national, state, or local code requirements having jurisdiction. All wiring must be N.E.C. Class 1. Boiler must be electrically grounded in accordance with the National Electrical Code, ANSI/NFPA No. 70-latest edition.

In Canada, installation must conform to CSA C22.1 Canadian Electrical Code Part 1 and any local codes.

3.2.1 Install Room Thermostat

Install room thermostat on an inside wall. Never install where it will be influenced by drafts, hot or cold water pipes, lighting fixtures, television, sun rays or near a fireplace.

3.3 AIR SUPPLY

The boiler does not require any air vents in the room in which it is installed, or when installed in a cupboard or compartment.

3.4 FLUE SYSTEM

3.4.1 CONCENTRIC SYSTEM

The flue assembly supplied for the boiler is 2.64 ft / 0.75 m in length + terminal.

For horizontal flues a minor deviation from the horizontal is allowable, provided it results in a downward slope towards the terminal.

Additional flue components are available as follows:

3.28 ft / 1 m flue

90° bend

45° bend

Vertical flue terminal assembly. Refer to the separate installation instructions supplied with the assembly.

Protection contre le gel

1. La chaudière incorpore une protection contre le gel qui fonctionne lorsque la chaudière est en mode eau chaude sanitaire et chauffage central. Si la température du circuit descend au-dessous de 5 ° C, la chaudière démarre au ralenti jusqu'à ce que l'eau en circulation atteigne la température de 30 ° C.

Protection du circulateur

1. Lorsque le sélecteur est sur la position de chauffage central ou de chauffage central plus production d'eau chaude, le circulateur se met automatiquement à tourner pendant 1 minute toutes les 24 heures pour éviter les risques de blocage.

3. Données générales sur la chaudière

3.1 ALIMENTATION DU GAZ

La chaudière nécessite d'un débit de gaz de 128.1 ft³/h - 3.63 m³/h.

Le compteur et le réseau du gaz doivent être en mesure de délivrer la quantité de gaz demandée par la chaudière en plus de la quantité demandée par tous les autres appareils de la maison.

La chaudière nécessite d'au moins 3/4" de tuyauterie du réseau du gaz.

Nettoyez et effectuez un essai de toute l'installation, aussi que du compteur au fin de contrôler l'étanchéité au gaz.

3.2 ALIMENTATION ÉLECTRIQUE

La chaudière nécessite de 120 V, 60 Hz. Assurez-vous que le réseau d'alimentation est polarisé.

Installez la chaudière avec mise à la terre.

Installez seulement un sectionneur, assurant la complète isolation électrique à la chaudière et aux autres contrôles externes.

Au moyen d'un câble isolé au PVC 18 AWG x3C 105 °C.

Toutes les connexions électriques doivent être installées selon les dispositions du Code Electrique National ainsi que selon les dispositions de tout autre code local, régional ou national applicable. Tous les câbles doivent être de la Classe 1 du Code Electrique National. La mise à terre de la chaudière est obligatoire comme pourvu par le Code Electrique National ANSI/NFPA nr. 70 (dernière édition).

Au Canada l'installation doit se conformer au Code Electrique Canadien CSA C22.1, Partie 1 et à tout autre code local.

3.2.1 Installation du thermostat d'ambiance

Installez le thermostat d'ambiance sur une paroi interne. Ne l'installez jamais à un endroit où il y a des courants, des conduites d'eau chaude ou froide, des accessoires d'éclairage, un téléviseur, une cheminée ou sous les rayons du soleil puisque tout cela pourrait causer du brouillage.

3.3 PRISE D'AIR

La chaudière ne nécessite d'aucun évent air à l'endroit où elle est installée, ou lorsqu'elle est installée dans un débarras ou dans une niche.

3.4 CARNEAU

3.4.1 CONDUIT CONCENTRIQUE

Le raccord pour la buse des fumées livré avec la chaudière est de 2.64 ft / 0.75 m de longueur + terminal. En cas de buse horizontale, il est possible d'effectuer une légère déviation par rapport à la direction horizontale, pourvu que la déviation consiste en une courbure en bas vers le terminal de la buse.

Les accessoires disponibles pour la buse des fumées sont les suivants:

3.28 ft / 1 m buse

raccord à 90°

raccord à 45°

terminal à assembler pour buse verticale. Référez-vous à la notice d'installation livrée séparément avec l'équipement.

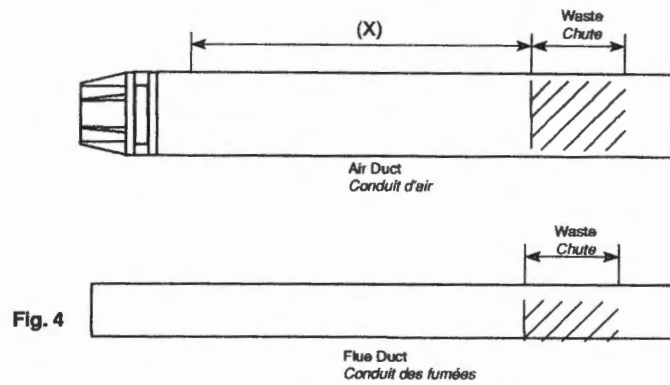


Fig. 4

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.

6. Introduire le conduit des fumées dans le conduit d'air et enfilez l'ensemble à travers le trou percé dans le mur.

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).

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. 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.

8. Enlever les vis de l'un des colliers fournis. Écartez le collier et le poser sur le joint (Fig. 6). Orienter le coude selon les besoins de l'installation.

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.

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. 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).

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. 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).

11. Sortir le conduit d'air du mur et l'aligner avec le coude. Posez le joint de façon à recouvrir uniformément le raccord (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).

12. Enlever les vis du deuxième collier fourni. Écartez le collier et le poser au-dessus du raccord. Remettre les vis sur le collier et les serrer (Fig. 8).

13. Where possible position the clips so that the screws are not visible.

13. Si possible, tourner les colliers de façon à cacher les vis.

14. Make good between the wall and air duct outside the building.

14. Faire les finitions entre le mur et le conduit d'air à l'extérieur du bâtiment.

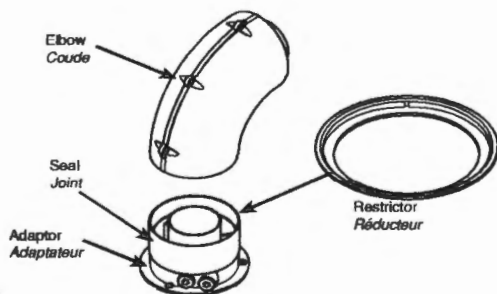


Fig. 5

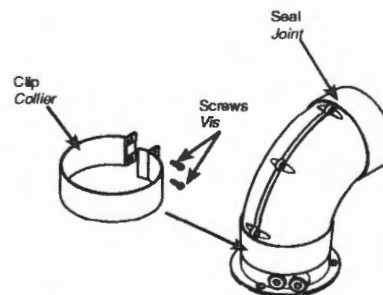


Fig. 6