

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

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

Permit No: 10-0906	Issue Date:	CBL: 129 H007001
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Location of Construction: 17 CHENERY ST	Owner Name: JAHNS HANS O & SUSE JAHNS J	Owner Address: 8840 LARSTON RD	Phone:
Business Name:	Contractor Name: Breen Fowler	Contractor Address: 21A Blanchard Road Springvale	Phone: 2076718180
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	Zone: R-3

Past Use: Single Family Home	Proposed Use: Single Family Home - install a buderus boiler in basement	Permit Fee: \$110.00	Cost of Work: \$8,411.00	CEO District: 4
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Proposed Project Description:  
install a buderus boiler in basement

FIRE DEPT:  Approved  Denied  
 Signature: *[Signature]*

INSPECTION:  
 Use Group: *[Signature]* Type: *[Signature]*  
 Signature: *[Signature]*

PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)  
 Action:  Approved  Approved w/Conditions  Denied  
 Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Permit Taken By: Idobson	Date Applied For: 07/28/2010	9/19/10	Final Approval
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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..

*Close - Out.*

*Job R*

**Historic Preservation**

Not in District or Landmark

Does Not Require Review

Requires Review

Approved

Approved w/Conditions

Denied

Date: *[Signature]*

**PERMIT ISSUED**

AUG 23 2010

City of Portland

Date: *8/9/10*

**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

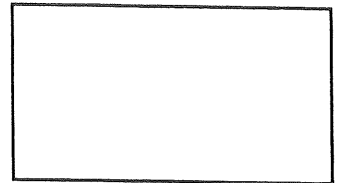
\_\_\_\_\_  
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE DATE PHONE

08/24/10 Fanel  
Spoke w/ Eric. Installer he will label potastic  
water line (unit was bonded/vented) J.G.R



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 17 CHENERY STREET Use of Building 129-H-7 Date 7/26/10  
 Name and address of owner of appliance HANS TAHNS  
17 CHENERY ST PORTLAND, ME  
 Installer's name and address BREEN FOWLER *MW*  
21A BLANCHARD RD, SPRINGVALE, ME 04083 Telephone (207) 671-8180

### Location of appliance:

- Basement  Floor  
 Attic  Roof

### Type of Fuel:

- Gas  Oil  Solid

Appliance Name: BUDERUS

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 4635  
 Other \_\_\_\_\_

### Type of Chimney:

- Masonry Lined  
 Factory built \_\_\_\_\_

- Metal  
 Factory Built U.L. Listing # \_\_\_\_\_

Direct Vent  
 Type PVC UL# ULC S636

### Type of Fuel Tank

- Oil  
 Gas

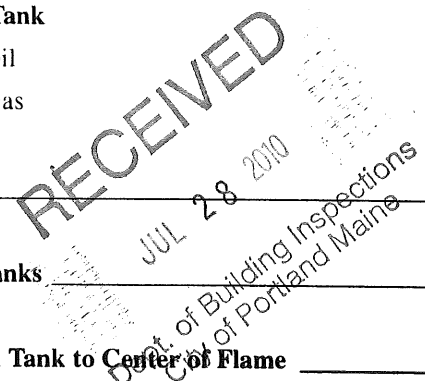
Size of Tank \_\_\_\_\_

Number of Tanks \_\_\_\_\_

Distance from Tank to Center of Flame \_\_\_\_\_ feet.

Cost of Work: \$ 8411.00

Permit Fee: \$ \_\_\_\_\_



### Approved

### Approved with Conditions

- See attached letter or requirement

Fire: \_\_\_\_\_

Ele.: \_\_\_\_\_

Bldg.: \_\_\_\_\_

Signature of Installer Breen C. Fowler Inspector's Signature \_\_\_\_\_ Date Approved \_\_\_\_\_

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

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Business Name:	Contractor Name: Breen Fowler	Contractor Address: 21A Blanchard Road Springvale	Phone (207) 671-8180
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	

Proposed Use: Single Family Home - install a buderus boiler in basement	Proposed Project Description: install a buderus boiler in basement
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<b>Dept:</b> Zoning	<b>Status:</b> Approved	<b>Reviewer:</b> Marge Schmuckal	<b>Approval Date:</b> 08/09/2010
<b>Note:</b>			<b>Ok to Issue:</b> <input checked="" type="checkbox"/>
<b>Dept:</b> Building	<b>Status:</b> Approved with Conditions	<b>Reviewer:</b> Tammy Munson	<b>Approval Date:</b> 08/17/2010
<b>Note:</b>			<b>Ok to Issue:</b> <input checked="" type="checkbox"/>
1) The installation must comply with the State of Maine Gas Regulations.			

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

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Proposed Project Description: install a buderus boiler in basement		FIRE DEPT: <input type="checkbox"/> Approved <input checked="" type="checkbox"/> Denied <i>N/A</i>	INSPECTION: Use Group: <i>U</i> Type: <i>HAM</i> <i>State Gas Regs</i>	
		Signature:	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: Idobson	Date Applied For: 07/28/2010	<b>Zoning Approval</b>	
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<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> <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 type="checkbox"/>	<b>Zoning Appeal</b> <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	<b>Historic Preservation</b> <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>OK</i> <i>8/9/10</i>	Date:	Date:

**PERMIT ISSUED**

AUG 23 2010

City of Portland

SCANNED

**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

Department of Building Inspections

## Original Receipt

7.28 2010

Received from

Fowler Plumbing & Heating

Location of Work

17 Chenery

Cost of Construction \$ \_\_\_\_\_ Building Fee: \_\_\_\_\_

Permit Fee \$ \_\_\_\_\_ Site Fee: \_\_\_\_\_

Certificate of Occupancy Fee: \_\_\_\_\_

**Total:** 110

Building (IL)  Plumbing (I5)  Electrical (I2)  Site Plan (U2)

Other \_\_\_\_\_

CBL: 2241

Check #: 1162 **Total Collected \$** 110

**No work is to be started until permit issued.  
Please keep original receipt for your records.**

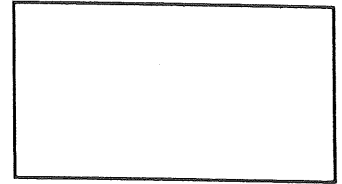
Taken by: [Signature]

WHITE - Applicant's Copy  
YELLOW - Office Copy  
PINK - Permit Copy



FILL IN AND SIGN WITH INK

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 Name and address of owner of appliance HANS JAHNS  
17 CHENERY ST PORTLAND, ME  
 Installer's name and address BREEN FOWLER  
21A BLANCHARD RD, SPRINGVALE, ME 04083 Telephone (207) 671-8150

### Location of appliance:

- Basement
- Floor
- Attic
- Roof

### Type of Fuel:

- Gas
- Oil
- Solid

Appliance Name: BUDERUS

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 4635
- Other \_\_\_\_\_

### Type of Chimney:

Masonry Lined  
Factory built \_\_\_\_\_

Metal  
Factory Built U.L. Listing # \_\_\_\_\_

Direct Vent  
Type PVC UL# VLC S636

### Type of Fuel Tank

- Oil
- Gas

Size of Tank \_\_\_\_\_

Number of Tanks \_\_\_\_\_

Distance from Tank to Center of Flame \_\_\_\_\_ feet.

Cost of Work: \$ 8411.00

Permit Fee: \$ \_\_\_\_\_

### Approved

Fire: \_\_\_\_\_

Ele.: \_\_\_\_\_

Bldg.: \_\_\_\_\_

### Approved with Conditions

See attached letter or requirement

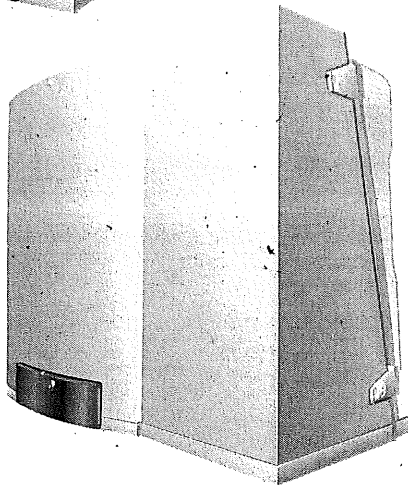
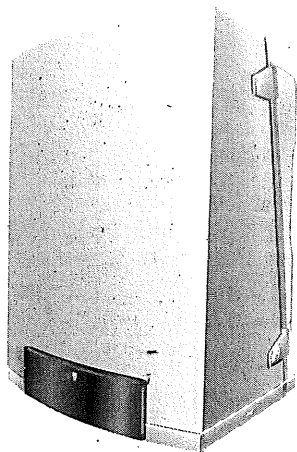
Inspector's Signature

Date Approved

Signature of Installer Breen C. Fowler

# Installation instructions

## Condensing gas boiler Logamax plus GB142-24/30/45/60



### CAUTION!

Before putting the boiler into operation read this manual carefully.

### WARNING!

Improper installation, adjustment, alteration, service or maintenance can cause injury, loss of life or property damage. Refer to this manual. For assistance or additional information consult a qualified installer, service agency or the gas supplier.

### CAUTION!

The operating manual is part of the documentation that is delivered to the installation's operator. Go through the information in this manual with the owner/operator and make sure that he or she is familiar with all the necessary operating instructions.

### NOTICE!

In the Commonwealth of Massachusetts this boiler must be installed by a licensed Plumber or Gas Fitter.

**Warning: If the information in these instructions is not followed exactly, a fire or explosion may result causing property damage, personal injury or loss of life.**

- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other boiler.
- **What to do if you smell gas**
  - Do not try to light any boiler.
  - Do not touch any electrical switch; do not use any phone in your building.
  - Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
  - If you cannot reach your gas supplier, call the fire department.
- **Installation and service must be performed by a qualified installer, service agency or the gas supplier.**



# Buderus

Please read thoroughly before installing and servicing



### 3 DIMENSIONS, CONNECTIONS and CLEARANCES

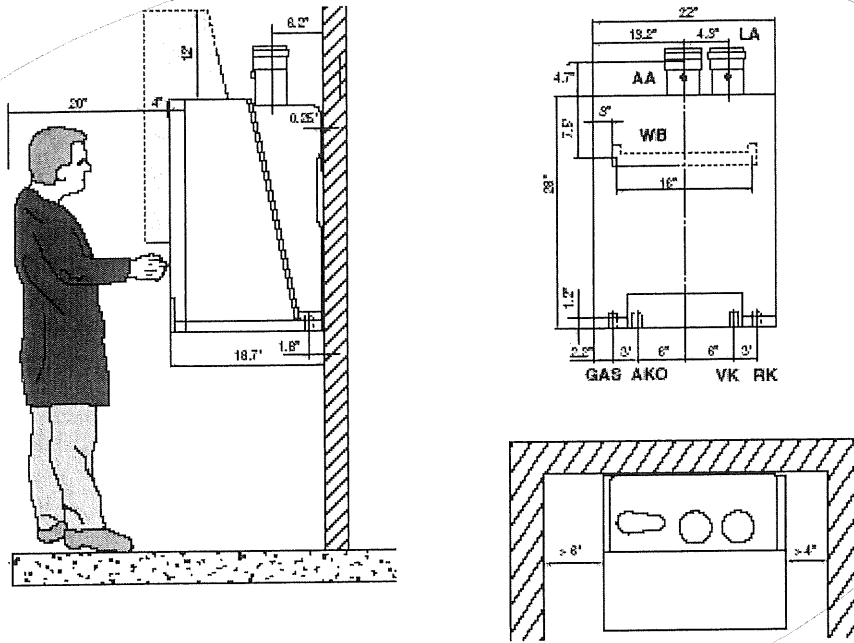


Fig. 1: Dimensions and Connections for GB142/24 and /30.

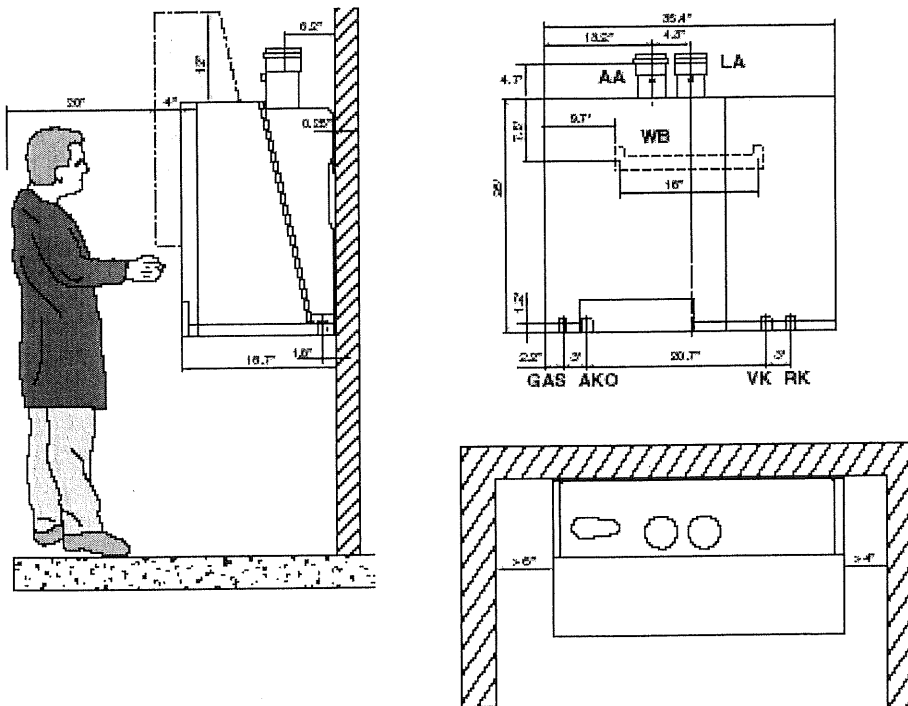


Fig. 2: Dimensions and Connections for GB142/45 and /60.

# System 636®

## Installation Instructions for 2" and 3" IPEX System 636® Concentric Vent Termination Kits

These instructions are to be followed in conjunction with those found in the IPEX System 636 Installation Guide. The installation guide is available in every box of System 636 45° Elbows or on the web at [www.ipexinc.com](http://www.ipexinc.com).

System 636 Pipe, Fittings, Termination Kits and Cements are certified as a system and must be installed as such. Different manufacturers have different materials, joining systems and adhesives. Do NOT mix pipe, fittings, cements, or joining methods from different BH Vent manufacturers, this can result in unsafe conditions and will **void the certification**.

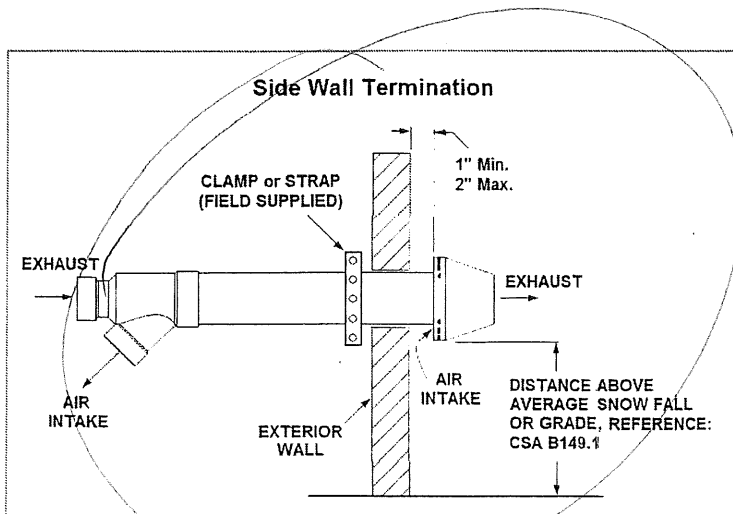
System 636 Concentric Vent Kits are made from approved PVC compound and are rated for 65°C maximum. These PVC kits may be installed on CPVC vent systems provided the operating temperature at the vent kit does not exceed 65°C and provided the appliance manufacturers' installation instructions indicate they have tested and allow the transition to PVC vent kits for the given appliance.

All termination kits must be located and installed in accordance with local building code and **CSA B149.1 Natural Gas and Propane Installation Code**.

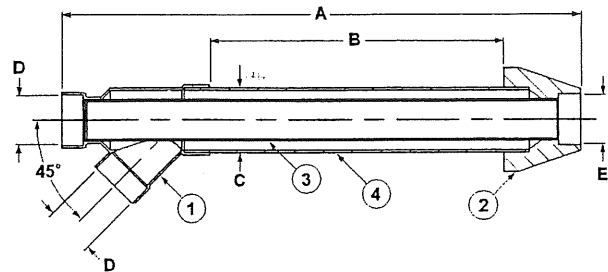
### Concentric Vent Kit Assembly

- Once the proper location has been determined, cut a hole in the roof or wall large enough to accommodate the outer pipe. The size of the hole can vary greatly depending on the roof pitch.
- As per the procedures outlined in the **System 636 Installation Guide**, solvent cement the inner pipe to the concentric Wye fitting.
- Solvent cement the outer pipe to the concentric Wye fitting.
- Slide the assembly through the roof or wall penetration. (Install flashing if needed)
- Solvent cement the inner pipe to the concentric rain cap, outer pipe and rain cap are friction fit only.
- Once the rain cap is installed, and the kit secured as outlined below, the kit can be connected to the venting system.

**Note: Do not screw components together. They must be solvent cemented to maintain certification.**



System 636 Concentric Vent Termination Kits Include:		Dimension (Inches)					
		A	B*	C	Nominal Pipe Size		F
D	E						
Item No.	Description						
196005	2" Concentric Kit	29	16.5	3.5	2	2	7.375
196006	3" Concentric Kit	36.1	20.5	4.5	3	3	8.75
1	Wye - (Concentric)	* Dimension B may be shortened to a minimum of 12". Inner pipe (item 3) must remain "F" inches longer than the outer pipe (item 4). Cut pipe ends square and solvent cement as outlined in the System 636 installation manual. <i>Lengthening the units is not permitted.</i>					
2	Rain Cap						
3	Exhaust Vent Pipe (Inner)						
4	Fresh Air Intake Pipe (Outer)						



### Installation / Support Procedures

- Kits must be securely fastened to structure, to ensure dimensions shown below are maintained.
- Straps are field supplied. Use straps, clamps or equivalent that will not score or damage the pipe. Expansion and contraction should be addressed between appliance and termination point.
- All penetrations must be sealed according to local building codes. Caulking for side wall terminations and flashing for roof penetrations are typical. Use only PVC compatible sealing material, contact IPEX for a complete list.
- The weight of the concentric kits must be supported by the clamps/straps and not by the vent system it connects to.
- Insulating exhaust piping in unconditioned space to prevent freezing may be required by code.

