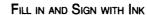
Aground Proposed Proposed Uver Burner   Signature   Signature   Date Central Proposed   Signature		ly of Portland, Main Congress Street 0410	•				09-0113	2/13/	: 1 09	003 I00	8001
SUMMERS ANDREA W & ROBE   45 OBRION ST   207-799-9256			<del></del>	, rax.	207) 874-8710			1-1.7			
Residence   Contractor Address:   Contractor Address:   Phone   Phone	l										
Permit Type:											
Fast Use:   Two Family Residential   Two Family Residential - Install Buderus Direct Vent Burner   Fremit Fee:   Approved   Sit, 158,00   1			Martin Berry			1155	Sawyer Roa	d Cape Eliz	abeth	20779992	56
Permit   Fermit   F	Less	see/Buyer's Name	Phone:	_		Permit	Type:				Zone:
Two Family Residential  Two Family Residential   Two Family Residential - Install Buderus Direct Vent Burner   Signature:   Signature:   Signature:   Signature:   Date:   Approved   Signature:   Date:   Denied   Signature:   Date:   Date:						HVA	\C				
Buderus Direct Vent Burner	Past	Use:	Proposed Use:			Permit	Fee:	Cost of Wor	k: (	CEO District:	7
Proposed Project Description: Install Buderus Direct Vent Burner    Signature:   Date:   Signature:   Signature:   Date:   Signature:   Date:   Signature:   Signature:   Date:   Signature:   Signature:   Date:   Signature:   Signature:   Date:   Signature:   Signature:   Date:   Signature:   Signature:   Date:   Si	Tw	o Family Residential						8.00	1		
Install Buderus Direct Vent Burner    Signature:			Buderus Direc	t Vent I	Burner	FIRE I	DEPT:	Approved	INSPEC	TION:	R
Install Buderus Direct Vent Burner    Signature:								Denied	Use Gro	up: <b>/</b> / >	Type:59
Install Buderus Direct Vent Burner    Signature:										IMC-	200 5
Install Buderus Direct Vent Burner    Signature:	D	and During Description								136-	200 5
Permit Taken By:   Date Applied For:   Date:	_	·	Rumer			Cianatu				00	2/0/
Action:   Approved   Approved w/Conditions   Date	1113	tan Buderus Bricet Vent I	Durner		ł			VITIES DIST			
Signature:   Date:							_				Desired.
Permit Takea By:   Date Applied For:   02/13/2009						Action:	: Approv	ea App	orovea w/C	onditions	Denied
Imd						Signatu	ıre:			Date:	
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.    PERMIT ISSUED	Pern	nit Taken By:	Date Applied For:		<u></u>		Zoning	Approva	ıl		
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PERMIT ISSUED    Site Plan	1.		-	Spe	cial Zone or Reviev	vs	Zonin	g Appeal		Historic Prese	ervation
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    Flood Zone		• • • • • • • • • • • • • • • • • • • •	ng applicable State and	☐ Sh	oreland		Variance	;		Not in Distric	t or Landmar
within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work    Site Plan	2.			│	etland		Miscella	neous		Does Not Req	juire Review
False information may invalidate a building permit and stop all work    Site Plan	3.			☐ Flo	ood Zone	Conditional Use			Requires Rev	iew	
Signature of applicant    Site Plan				Subdivision		☐ Interpretation			Approved		
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		<b>P</b>		Sit	te Plan		Approve	d		Approved w/0	Conditions
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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	I ha	ve been authorized by the	owner to make this appl	ication a	s his authorized	agent	and I agree t	o conform	to all app	plicable laws	of this
SIGNATURE OF APPLICANT ADDRESS DATE PHONE											
SIGNATURE OF APPLICANT ADDRESS DATE PHONE		_	er all areas covered by si	ich pern	nit at any reason	able no	our to enforc	e the provi	Sion of t	ne code(s) app	plicable to
	Juel	· barmer									
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE DATE PHONE	SIG	NATURE OF APPLICANT	<del></del>		ADDRESS			DATE		PHO	NE
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE DATE PHONE											
	RES	SPONSIBLE PERSON IN CHAI	RGE OF WORK, TITLE			_		DATE			NE





# APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT

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1					

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	Use of Building HOME Date 02/13/05
Name and address of owner of appliance ROBERT SO	MMERS
	U STREET
Installer's name and address MARTIN BARRY	
1155 SAUKER ROAD CAPE	LUZAGETH Telephone 799-932
Location of appliance:	Type of Chimney:
☐ Basement ☐ Floor	☐ Masonry Lined
☐ Attic ☐ Roof	Factory built
There of Frod.	
Type of Fuel:	☐ Metal
Gas Oil Solid	Factory Built U.L. Listing #
Appliance Name: BUDERUS 192-400	☐ Direct Vent
U.L. Approved ♀ Yes □ No	Type PUC UL#
	Турс
Will appliance be installed in accordance with the manufacture's	Type of Fuel Tank
installation instructions?	Oil
,	<ul><li>Gas</li></ul>
IF NO Explain:	
	Size of Tank
The Type of License of Installer:	Number of Tanks
Master Plumber #	Number of Tanks
□ Solid Fuel #	Distance from Tank to Center of Flame feet.
D. Oil #	
Gas # PNT 174/	Cost of Work: \$ 11,158 36
Other	Permit Fee: \$
Approved	Approved with Conditions
Fire:	See attached letter or requirement
Ele.:	////
Bldg.:	Inspector's Signature Date Approved
Signature of Installer	Inspector's Signature Date Approved

•		uilding or Use Permi : (207) 874-8703, Fax: (		716	Permit No: 09-0113	<b>Date Applied For:</b> 02/13/2009	CBL: 003 I00800	01
Location of Construction	:	Owner Name:		O	Owner Address:		Phone:	
45 OBRION ST		SUMMERS ANDREA	A W & ROBI	3 4	45 OBRION ST		207-799-925	6
Business Name:		Contractor Name:		C	Contractor Address:		Phone	
		Martin Berry			1155 Sawyer Road	d Cape Elizabeth	(207) 799-92	256
Lessee/Buyer's Name		Phone:		P	ermit Type:		•	
					HVAC			
Proposed Use:			Pro	posed	Project Description:	1		
Two Family Resident	tial - Install Bu	uderus Direct Vent Burner	Ins	tall l	Buderus Direct Ve	ent Burner		
							00/10/6	2000
Dept: Zoning	Status:	Approved	Review	er:	Chris Hanson	Approval D		_
Note:							Ok to Issue:	<b>\</b>
Dept: Building	Status:	Approved with Condition	ns <b>Review</b>	er:	Chris Hanson	Approval D	ate: 02/13/2	2009
Note:							Ok to Issue:	<b>✓</b>
1) The installation n	nust comply w	ith the State of Maine Gas	Regulations					
1		stalled, operated and main	_		_		_	
1	, ,					- <del>-</del>	-	

City of Portland, Maine - Build	ding or Use Permit		Permit No:	Date Applied For:	CBT:
389 Congress Street, 04101 Tel: (2	207) 874-8703, Fax: (	207) 874-8716	09-0113	02/13/2009	003 1008001
Location of Construction:	Owner Name:	0	wner Address:		Phone:
45 OBRION ST	SUMMERS ANDREA	W & ROBE 4	5 OBRION ST		207-799-9256
Business Name:	Contractor Name:	C	ontractor Address:		Phone
	Martin Berry	1	155 Sawyer Road	Cape Elizabeth	(207) 799-9256
Lessee/Buyer's Name	Phone:	Po	ermit Type:		
			HVAC		
Proposed Use:		Proposed	Project Description:		
Two Family Residential - Install Bude	rus Direct Vent Burner	Install I	Buderus Direct Ve	nt Burner	
Dept: Zoning Status: A	pproved	Reviewer:	Chris Hanson	Approval D	ate: 02/13/2009
Note:					Ok to Issue:
•	pproved with Condition	s Reviewer:	Chris Hanson	Approval D	
Note:					Ok to Issue:
1) The installation must comply with	the State of Maine Gas	Regulations.			
2) This appliance/stove shall be insta	lled, operated and main	tained per the ma	nufacturers specifi	cations and the UL I	isting
3) Maintain proper setback(s) from p	· •	-	•		-

•

### 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.

Warning: If the information in these instruction so no 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.







#### Notice:

This manual must be retained for future reference.

## **Buderus**

It is not recommended to terminate vent above any door or window, condensate can freeze causing ice formations.

Do not use chimney as a raceway if another boiler or fireplace is vented into or through chimney.

All vent pipes must be glued, except for the flue gas adapter (fig. 14, pos. 1) which is screwed into place and the first connection to the flue gas adapter (fig. 14, pos. 2). Installed you can slide the pipe onto the adapter, properly supported and the exhaust pipe must be pitched a minimum of a ¼ inch per foot back to the boiler. This allows the condensate to drain away.

All combustion air and vent pipe materials and fittings must comply with the following:

Item	Material	United states	Canada	
	PVC schedule 40	ANSI/ASTM D1785		
Vent or air pipe	PVC-DWV	ANSI/ASTM D2665	_	
and fitting	CPVC schedule 40	ANSI/ASTM F441	CSA or ULC	
	ABS-DWV schedule 40	ANSI/ASTM D2661		
	PVC	ANSI/ASTM D2564	contined only	
Pipe cement/primer	CPVC	ANSI/ASTM F493		
cement/piline	ABS	ANSI/ASTM D2235		



#### NOTICE

Do not use cellular core pipe.



#### **NOTICE**

Ensure that a condensate drain is always installed at the exhaust connection see Chapter "7 Connecting the condensate water drain" on page 24



#### NOTICE

A minimum clearance of 4 feet horizontally from and in no case above and below, unless a 4-foot horizontal distance is maintained, from electric meters, gas meters, regulators and relief equipment

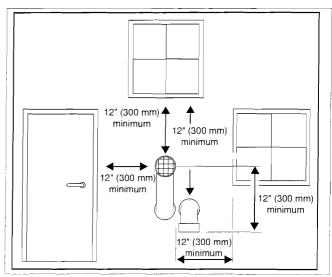


Fig. 15 Vent and air pipe position (1)

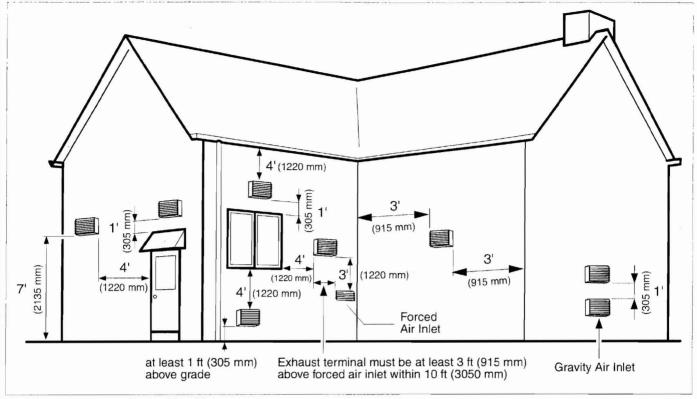


Fig. 16 Vent and air pipe position (2)

## Below are approved examples of vertical and horizontal venting installation



#### NOTICE

Place pipe supports every 5 feet (1525 mm) of horizontal run, beginning with support near boiler.



#### NOTICE

The condensate water must be drained in accordance with the applicable rules. See chapter 7 "Connecting the condensate water drain".



#### NOTICE

Periodic cleaning of the vent terminal and air-intake screens is mandatory.

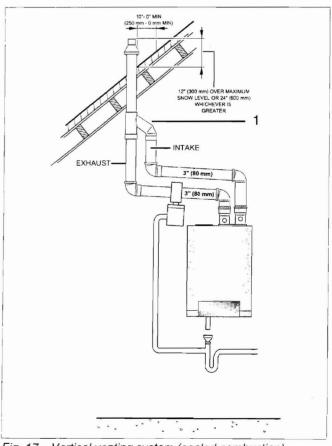


Fig. 17 Vertical venting system (sealed combustion)

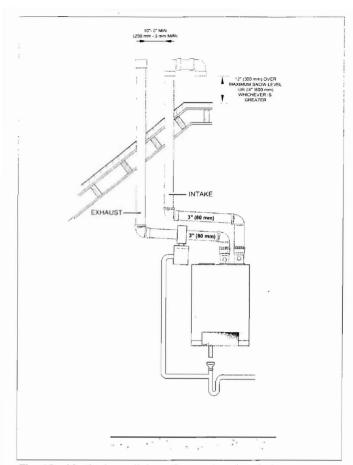


Fig. 18 Vertical parallel venting system (sealed combustion) - Situation 1

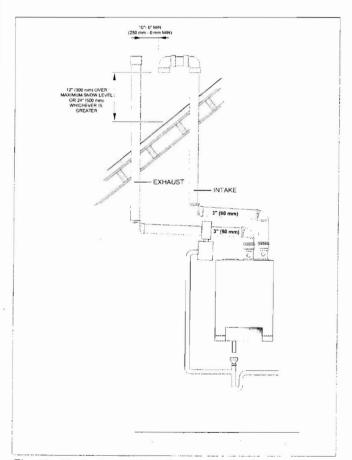


Fig. 19 Vertical parallel venting system (sealed combustion) - Situation 2

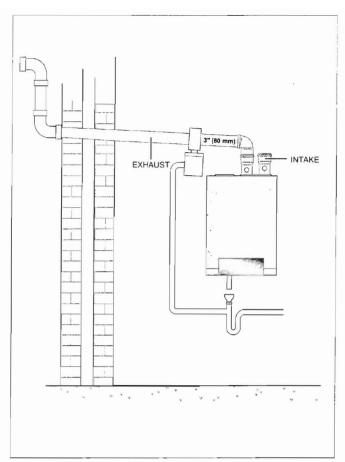


Fig. 20 Horizontal venting system (room air only) - Situation 1

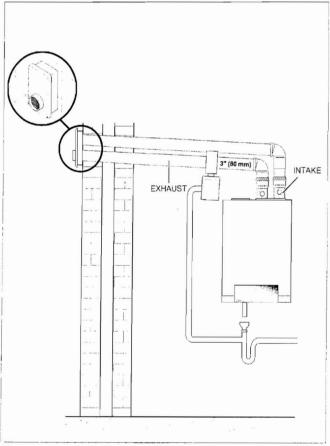


Fig. 21 Horizontal venting system (sealed combustion) - Situation 2

We reserve the right to make any changes due to technical modifications!

Buderus • http://www.buderus.net

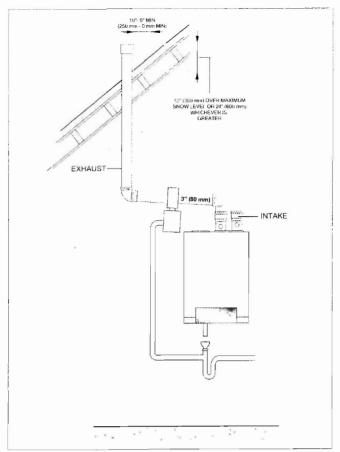


Fig. 22 Vertical venting system (room air only)

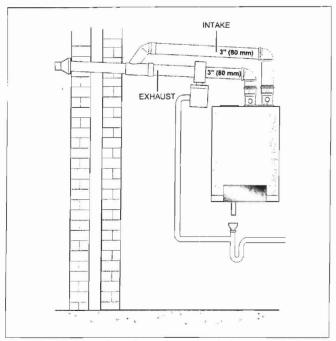


Fig. 24 Horizontal venting system (sealed combustion)

Do not exceed the total equivalent venting length of 100 feet (30,480 mm) (GB142-24/30/45) and 60 feet (18,288 mm) (GB142-60) maximum requirement each for the intake and exhaust piping.

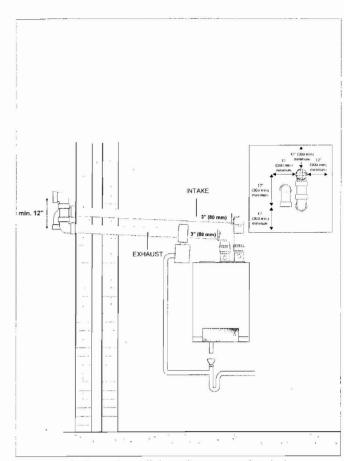


Fig. 23 Horizontal parallel venting system (sealed combustion)

#### **BUILDING PERMIT INSPECTION PROCEDURES**

Please call 874-8703 or 874-8693 (ONLY)

to schedule your inspections as agreed upon Permits expire in 6 months, if the project is not started or ceases for 6 months.

The Owner or their designee is required to notify the inspections office for the following inspections and provide adequate notice. Notice must be called in 48-72 hours in advance in order to schedule an inspection:

By initializing at each inspection time, you are agreeing that you understand the inspection procedure and additional fees from a "Stop Work Order" and "Stop Work Order Release" will be incurred if the procedure is not followed as stated below.

A Pre-construction Meeting will take place upon receipt of your building permit.

X Final inspection required at completion of work.

Certificate of Occupancy is not required for certain projects. Your inspector can advise you if your project requires a Certificate of Occupancy. All projects DO require a final inspection.

If any of the inspections do not occur, the project cannot go on to the next phase, REGARDLESS OF THE NOTICE OR CIRCUMSTANCES.

CERIFICATE OF OCCUPANICES MUST BE ISSUED AND PAID FOR, BEFORE THE SPACE MAY BE OCCUPIED.

2.13.07

Signature of Applicant/Designee

Signature of Inspections Official

**CBL:** 003 1008001 **Building Permit #:** 09-0113