

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



CITY OF PORTLAND

BUILDING PERMIT

This is to certify that JAMES S THORNE

Located At 6 STRATTON PL

Job ID: 2011-12-2950-ALTR

CBL: 044- B-036-001

has permission to Install a Buderus Boiler GB142-30 Basement under k
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 closed-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

Fire Prevention Officer

Code Enforcement Officer / Plan Reviewer

THIS CARD MUST BE POSTED ON THE STREET SIDE OF THE PROPERTY
PENALTY FOR REMOVING THIS CARD



PORTLAND MAINE

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Director of Planning and Urban Development
Penny St. Louis

Job ID: 2011-12-2950-ALTR

Located At: 6 STRATTON PL

CBL: 044- B-036-001

Conditions of Approval:

Fire

All construction shall comply with City Code Chapter 10.

All smoke detectors and smoke alarms shall be photoelectric.

Hardwired Carbon Monoxide alarms with battery back up are required on each floor.

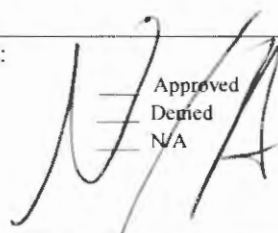
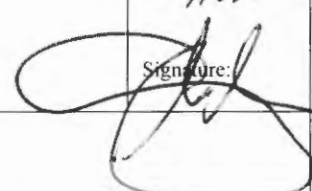
A sprinkler system is recommended but not required based on the following:

Plans indicate the addition will not exceed _50_% of the total completed structure.

Anytime upon inspection if renovation of the existing structure plus addition does exceed 50%, a sprinkler system will be required.

City of Portland, Maine - Building or Use Permit Application

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

Job No: 2011-12-2950-ALTR 2012-40487-HVAC	Date Applied: 2/1/2012	CBL: 044- B-036-001	
Location of Construction: 6 STRATTON PL	Owner Name: DANA & KELLEY McDANIEL	Owner Address: 6 STRATTON ST PORTLAND, ME 04101	Phone:
Business Name:	Contractor Name: Chris Wible	Contractor Address: 132 Farmer Rd., Eliot, ME 03903	Phone: (207) 752-3964
Lessee/Buyer's Name:	Phone:	Permit Type: HVAC	Zone: R-6
Past Use: Single family	Proposed Use: Same - Single family - install Buderus gas boiler in basement	Cost of Work: 8000.00	CEO District:
		Fire Dept: Approved Denied N/A	Inspection: Use Group: Type: HVAC
		Signature: 	Signature: 
Proposed Project Description: Install gas boiler		Pedestrian Activities District (P.A.D.)	
Permit Taken By:		Zoning Approval	

<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 informatin may invalidate a building permit and stop all work.</p>	Special Zone or Reviews <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetlands <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan <input type="checkbox"/> Maj <input type="checkbox"/> Min <input type="checkbox"/> MM Date: <i>OK 2/1/12</i> <i>ABW</i>	Zoning Appeal <input type="checkbox"/> Variance <input type="checkbox"/> Miscellaneous <input type="checkbox"/> Conditional Use <input type="checkbox"/> Interpretation <input type="checkbox"/> Approved <input type="checkbox"/> Denied Date:	Historic Preservation <input type="checkbox"/> Not in Dist 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>Any exterior work requires a separate review</i> <i>Support the historic preservation</i>
	CERTIFICATION		

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the application is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provision of the code(s) applicable to such permit.

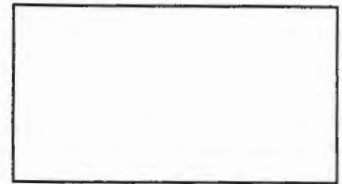
SIGNATURE OF APPLICANT	ADDRESS	DATE	PHONE
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE		DATE	PHONE

P-6



Original permit 2011-12-2950 Child-202-40487
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 44-B-36 Use of Building SIF Date 2-1-2012
Name and address of owner of appliance 6 Stratten Place Portland
Installer's name and address Chris Wible - 132 Farmers Rd Eliot Me. 03903
Telephone 207-752-3964

Location of appliance:

- Basement
- Attic
- Floor
- Roof

Type of Fuel:

- Gas
- Oil
- Solid

Appliance Name: Budrus GB 142-30

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 # 14762
- Solid Fuel # _____
- Oil # _____
- Gas # _____
- Other _____

Type of Chimney:

- Masonry Lined
Factory built _____
- Metal
Factory Built U.L. Listing # _____
- Direct Vent
Type PVC UL# _____

Type of Fuel Tank

- Oil
- Gas

Size of Tank _____

Number of Tanks _____

Distance from Tank to Center of Flame _____ feet.

Cost of Work: \$ 8000.

Permit Fee: \$ 100

RECEIVED
FEB 01 2012

Dept. of Building Inspections
City of Portland Maine

Approved

Fire: _____

Ele.: _____

Bldg.: _____

Signature of Installer Chris Wible

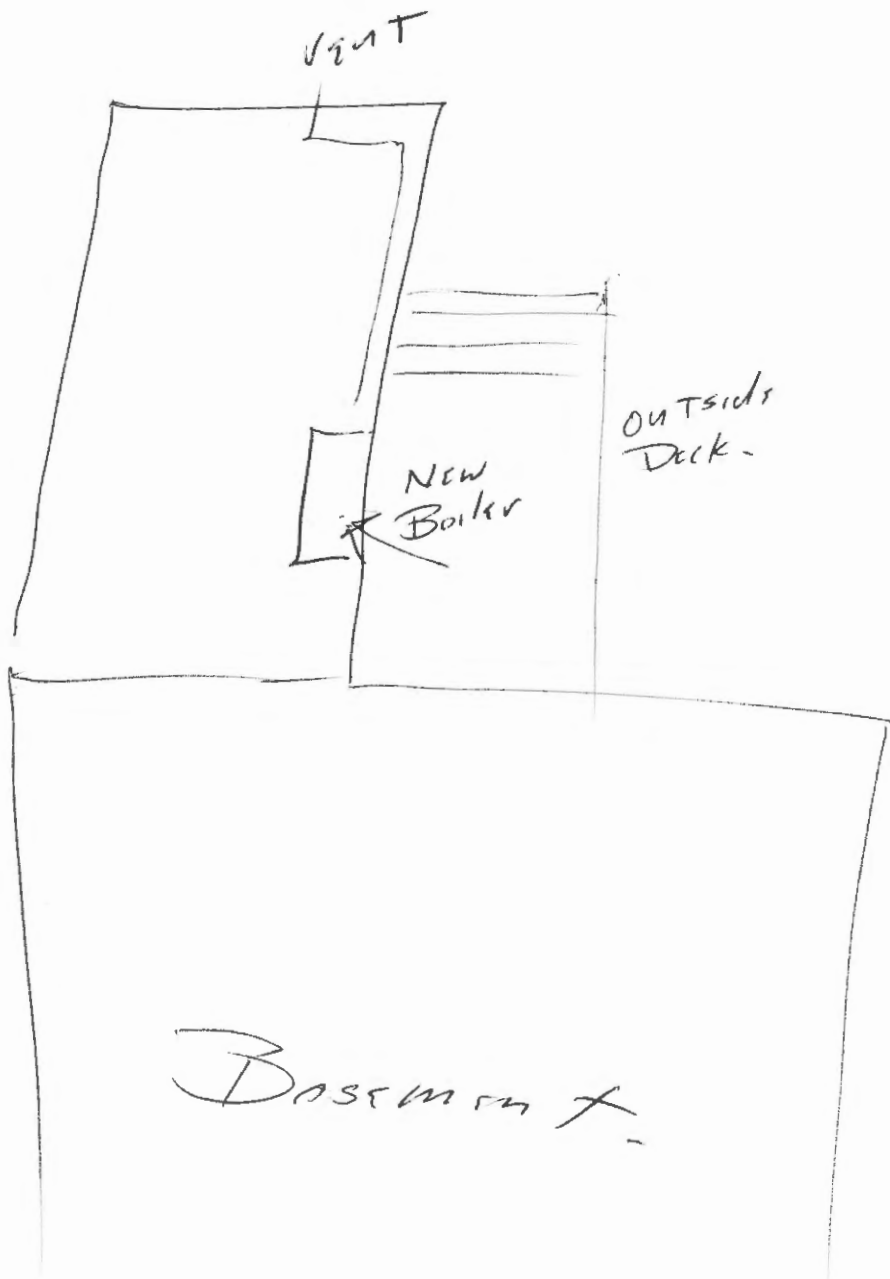
Approved with Conditions

- See attached letter or requirement

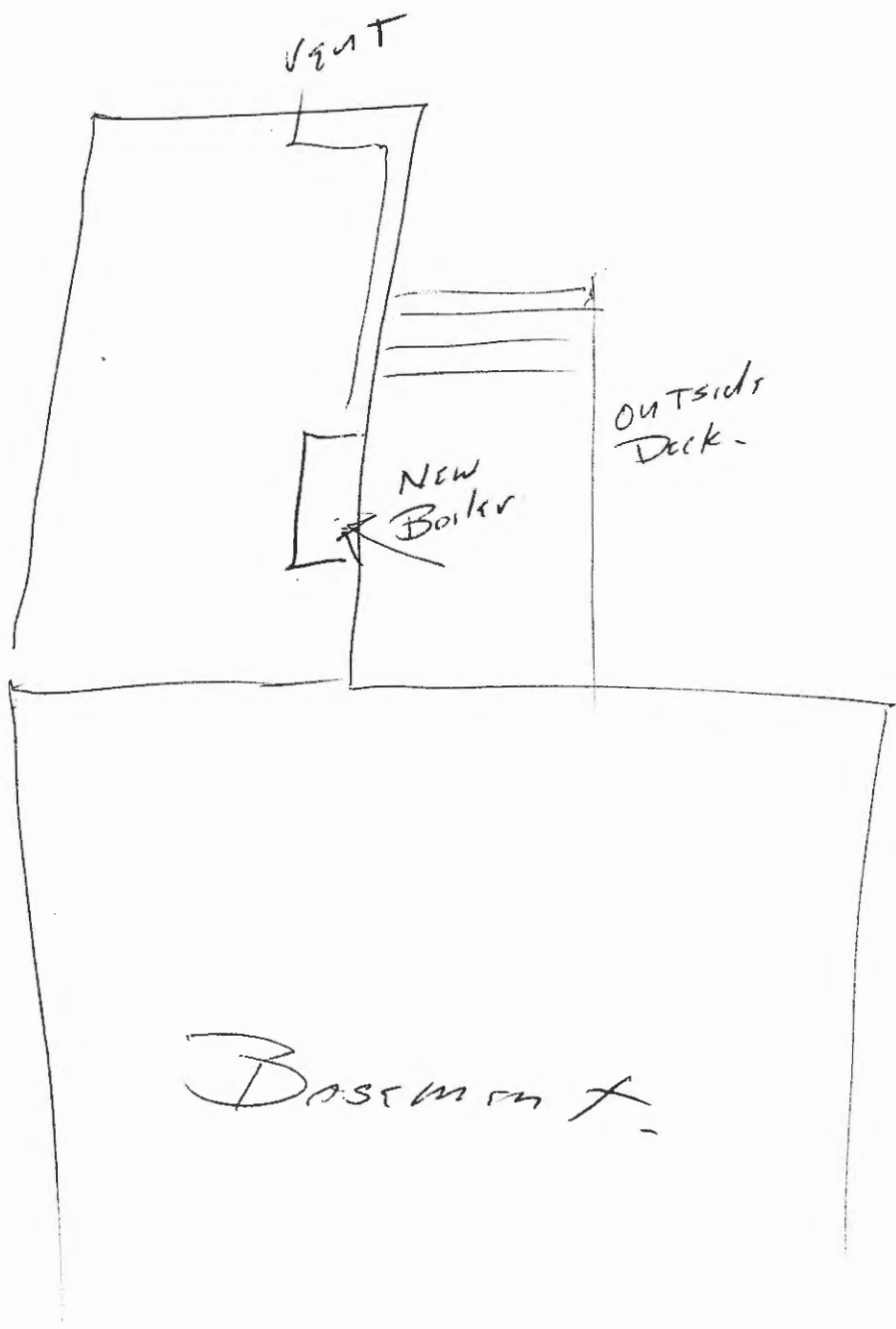
Inspector's Signature _____

Date Approved _____

Unit To Be installed in Basement under Kitchen
Vent To Rear

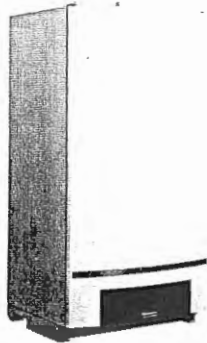


Unit To Be installed in Basement under Kitchen
VENT TO REAR



GB162 Wall Mounted Gas Condensing Boiler

290 MBH and 333 MBH



The GB162 is a high-performance, compact gas condensing boiler capable of achieving ultra-high efficiency levels of 96%. Available with individual inputs of 290 MBH or 333 MBH. Each boiler is capable of modulating down to 20% for optimum performance. Minimal energy usage is achieved through the large, aluminum ALU-Plus heat exchanger, an advanced Energy Management System, and by encouraging the condensing process.

The GB162's small size, wall mounting, and light weight—only 150 pounds each—provide installation flexibility. It is easy to install as a single unit or as multi-boiler cascade configured back-to-back or in-line by using our custom frame. In fact, a 4-boiler cascade, delivers over 1,000 MBH in less than 13 square feet of floor space.



Part No.	Description	Price
GB162/80	GB162/80 Single Boiler (290 MBH)	\$5,916
GB162/100	GB162/100 Single Boiler (333 MBH)	\$7,616
In Addition to the Boiler Each Single Unit GB162 Includes:		
7746900218	Connection Pump Module	
7746900400	Low Loss Header	
B Kit-GB162	(See below for kit contents)	

LP installations require field conversion. Order part number **7746900499** for each boiler that will be converted to LP.

The RC35 EMS control module, features room reset, outdoor reset, a programmable thermostat, DHW priority as well as room, zone, low loss header, and solar control capability.

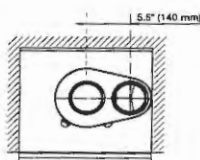
Part No.	Description	Price
RC35	RC35 Control	\$434
7746900845	MCM10 Control Module Price	\$736

All non-steel combustion air and vent pipe materials and fittings must comply with the following and must be UL approved venting material. See product manuals for additional information.

Material	Material	Material	Material
4" (100 mm) Vent pipe and fitting	Stainless Steel	Heat Fab (Saf.T.Vent EZ seal), Z-Flex (Zvent IV Special Gas	BH Gas venting systems, ULC S636*
	CPVC schedule 40, 80	ANSI/ASTM F441	
	PVC	ONLY if NO antifreeze is added	no change to existing
Pipe cement/ primer	CPVC	ANSI/ASTM F493	

Part No.	Description	Qty
7746900020	AM10 Outdoor Reset Module	1
7747026229	Outdoor Temperature Sensor	1
480101-10FP	PH Test Strip (package of 10)	1
0821729	1 1/2" Dielectric Unions	2
TBG-7	Water Quality Documnet	1

Material	Material	Material	Material
4" (100 mm) intake/ combustion air pipe and fittings	PVC schedule 40,80	ANSI/ASTM D1785	
	PVC-DWV	ANSI/ASTM D2665	BH Gas venting systems, ULC S636*
	CPVC schedule 40, 80	ANSI/ASTM F441	
Pipe cement/ primer	PVC	ANSI/ASTM D2564	
	CPVC	ANSI/ASTM F493	



- A (LA) = Flue gas connection;
- B (AA) = Air intake connection;
- C (WB) = Wall Bracket (not shown)
- D (VK) = Supply;
- E (GAS) = Gas connection to boiler;
- F (RK) = Return;
- G (AKO) = Condensate outlet;
- H (PF) = Pump group supply;
- I = Gas connection to pump group;
- J (PR) = Pump group return;

Material	Material	Material	Material
4" (100 mm) parallel	Parallel Stainless Steel	Flex-L/SJTK_DVG	
90°-elbow with inlet screen	Stainless Steel	Z-Flex/Heat Fab	

Boiler Certification
 AQMD certified under rule 1146.2 Ref# R08061
 CRN 7990.7C
 MA # G1-00B08-30

*Components of the certified vent systems must not be interchanged with other vent systems or unlisted pipe fittings. Plastic components, and specified primers and glues of the certified vent system, must be from a single system manufacturer and not intermixed with other system manufacturer's vent system parts.



State of Maine

DEPARTMENT OF PROFESSIONAL & FINANCIAL REGULATION
PLUMBERS EXAMINING BOARD

License # MS90014762

Be it known that: **CHRISTOPHER R. WIBLE**
has qualified as required by Title 32 MRSA Chapter 000049 and is
licensed as a

MASTER PLUMBER

ISSUE DATE

Jun 17, 2011

Anne L. Head

EXPIRATION DATE

Jun 30, 2013

Director, Office of Licensing & Registration