

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



# CITY OF PORTLAND

# BUILDING PERMIT

This is to certify that MARY M & MOTTLA

Located At 76 SEASHORE AVE (PEAKS ISLAND)

Job ID: 2011-07-1696-SF

CBL: 085- F-015-001

has permission to HVAC/ Install a Boiler in the basement.

provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statutes 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**

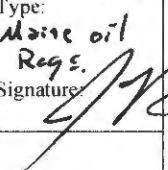
\_\_\_\_\_  
**Code Enforcement Officer / Plan Reviewer**

12/16/2011

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

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

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

Job No: 2011-07-1696-SF 2011-13989-HVAC	Date Applied: 12/15/2011	CBL: 085- F-015-001	
Location of Construction: 76 SEASHORE AVE, PEAKS ISLAND	Owner Name: MARY M & MOTTLA	Owner Address: 10 VETERANS ST PEAKS ISLAND, ME 04108	Phone:
Business Name:	Contractor Name: GAMMON, BARRY H	Contractor Address: 295 BOOTHBY RD EAST LIMINGTON ME 04049	Phone: (207) 468-9800
Lessee/Buyer's Name:	Phone:	Permit Type: BLDG - Building	Zone: IR-2
Past Use: Single family	Proposed Use: Same – Single family – install Biasi boiler	Cost of Work: 9000.00	CEO District:
		Fire Dept: <input type="checkbox"/> Approved <input type="checkbox"/> Denied <input checked="" type="checkbox"/> N/A	Inspection: Use Group: HVAC Type: Main oil Reg's. Signature: 
Proposed Project Description: install Biasi boiler		Pedestrian Activities District (P.A.D.)	
Permit Taken By:	<b>Zoning Approval</b>		

<ol style="list-style-type: none"> <li>1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.</li> <li>2. Building Permits do not include plumbing, septic or electrical work.</li> <li>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.</li> </ol>	<b>Special Zone or Reviews</b> <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: DE 12/15/11 ABU	<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 Date:	<b>Historic Preservation</b> <input checked="" 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: ABU
	<b>CERTIFICATION</b>		

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.

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SIGNATURE OF APPLICANT ADDRESS DATE PHONE

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RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE DATE PHONE



STATE OF MAINE  
DEPT OF PROFESSIONAL & FINANCIAL REGULATION  
MAINE FUEL BOARD

LICENSE # MS20007141

MARY H. GAMMON, SR  
MASTER

1 AND 2 OILS UP TO 15 GPH

ISSUED Apr 01, 2011 EXPIRES Mar 31, 2013

# The BIASI B-10 Boiler System



- Energy Star compliant
- Compact size
- Limited lifetime warranty



Quincy Hydronic Technology, Inc. • 1-800-501-7697 • E-mail: [info@qhtinc.com](mailto:info@qhtinc.com)

# BIASI...The Style of Warmth

## QHT Direct Vent Systems

Oil Vent Kit	Description	Boilers	Flue Type
DVH-5	Single Penetration for Entering Fresh Air and Venting Exhaust Gas	B10/3-B10/6 SG/2-SG/4	Concentric*
Gas Vent Kit	Description	Boilers	Flue Type
DVG-4	Single Penetration for Entering Fresh Air and Venting Exhaust Gas	B10/3-B10/6 SG/2-SG/4	Concentric

\*Note: The DVH 5 kit can be installed as a separate system with the addition of a combustion air intake kit.

All QHT direct vent systems are designed, tested and certified to be used on the specified BIASI boilers. All vent packages are non-powered, positive pressure, side-wall venting systems and are supplied with all the necessary fittings to make installation quick, clean, and easy. All direct vent systems should be installed by a technician on the leeward side of the house out of the wind.



### Oil Direct Vent Concentric Flue System (DVH 5):

This oil venting package consists of double wall, flexible, stainless steel exhaust pipe and flexible, aluminum intake duct pipe. It is a concentric hood system which utilizes a single hood (single penetration through wall) to provide the exhaust outlet for the boiler as well as the combustion air intake for the burner. Note: DVH 5 can be installed as a separate system by purchasing a combustion air intake kit.



### Gas Direct Vent Concentric Flue System (DVG 4):

This gas venting package consists of rigid, z-vent exhaust pipe (with integrated rubber gaskets) and flexible, aluminum intake duct pipe. It is a concentric hood system which utilizes a single hood, (single penetration through wall) to provide the exhaust outlet for the boiler as well as the combustion air intake for the burner.

## Technical Advantages

- Low cost when compared to a chimney
- Easy installation
- Burner has purging controls for clean operation
- Coaxial and separate terminations available
- Vent up to 200,000 BTU per hour
- Tested to UL 726

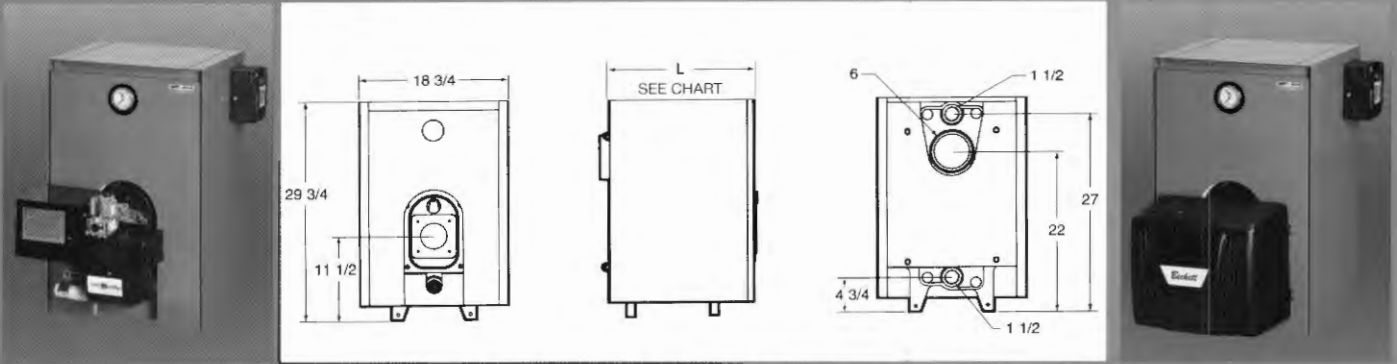
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# BIASI...The Style of Warmth

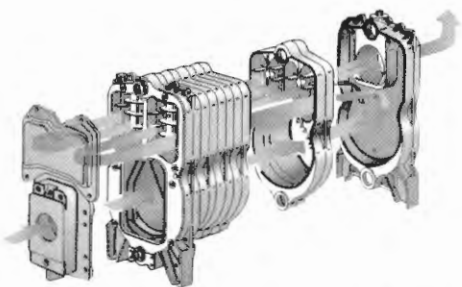
The B-10 boiler system has been heating residential buildings throughout the world for years. It has proven its fuel efficiency and durability in countries where fuel can cost up to four times as much as in the U.S. The same fuel saving technology is now available here in North America. With the three pass boiler design and low water content, heat is quickly supplied for your heating zones and hot water needs. Combined with a boiler temperature reset, high limit control, you can achieve a fuel savings of up to 40% over conventional single pass boilers. You will also have peace of mind since the B-10 boiler package complies with ASME and UL standards. The B-10 boiler system is the cost-competitive heat and hot water system of choice.



## The BIASI B-10 Residential Series

Boiler Model #	D.O.E. Heating Capacity	Gross Input Burner Capacity		Net I.B.R. Output (MBH)	AFUE Efficiency (%)	Water Content (Gals.)	Length (L) (Inches)	Weight (Lbs.)
		G.P.H.	MBH					
B-3	67	0.55	80	58	86.6	3.7	15.5	247
B-4	97	0.80	112	84	86.8	4.7	19.5	307
B-5	124	1.00	140	108	87.2	5.7	23.5	367
B-6	153	1.25	175	133	86.7	6.7	27.5	427
B-7	185	1.50	215	161	86.8	7.7	31.5	486
B-8	211	1.80	257	183	86.8	8.7	35.5	546
B-9	257	2.10	298	223	86.5	9.7	39.5	606

Maximum water working pressure: 58 PSI. (1) The burner input is based on oil with a heat value of 140,000 BTU/Gal.; (2) The net output ratings shown are based on piping and pick-up allowance of 1.15; (3) The efficiency ratings are based on a combustion condition of 12.5% CO<sub>2</sub>. Warranty: The BIASI B-10 boiler has a limited lifetime warranty. A copy is provided with each boiler or is available from your dealer. Built in accordance with the requirements of ASME boiler and pressure vessel code.



A 3-pass boiler design is the most efficient way to get the maximum amount of heat from the fuel, since it contains three times as much interior surface area (compared to a single-pass boiler) to extract heat from.

### Technical Advantages

- Gas or oil burner compatible
  - Easy access swing door
- No flue required; can be direct vented outdoors
- Low water content boiler heats up faster with less fuel
  - Efficient 3-pass heat exchanger boiler design
  - GG20 cast-iron construction for superior heat retention and durability
    - ASME and UL listed
- 58 psi cast-iron construction

Exclusively distributed by:

**QHT**  
INCORPORATED

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# QHT Direct Vent Systems



- Eliminates the need for a chimney
- Oil and Gas kits available



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