

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

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

Permit No: 10-1461	Issue Date:	CBL: 117 D005001
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Location of Construction: 341 Deering Ave	Owner Name: Keller Marie	Owner Address: 341 Deering Ave	Phone:
Business Name:	Contractor Name: Michael McDonald	Contractor Address: Portland	Phone: 2078281608
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	Zone: R5

Past Use: Residential - <i>single family</i>	Proposed Use: <i>single family</i> Residential / Install one (1) natural gas Peerless F.H.W. Boiler in the basement.	Permit Fee:	Cost of Work: \$0.00	CEO District: 2
		FIRE DEPT: <i>N/A</i> <input type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: Type: <i>HVAC</i> <i>Maine Gas Recog</i>	

Proposed Project Description: Install one (1) natural gas Peerless F.H.W. Boiler in the basement.	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: gg	Date Applied For: 11/24/2010	<b>Zoning Approval</b>		
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- This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.
- Building permits do not include plumbing, septic or electrical work.
- 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.

Special Zone or Reviews	Zoning Appeal	Historic Preservation
<input type="checkbox"/> Shoreland	<input type="checkbox"/> Variance	<input checked="" type="checkbox"/> Not in District or Landmark
<input type="checkbox"/> Wetland	<input type="checkbox"/> Miscellaneous	<input type="checkbox"/> Does Not Require Review
<input type="checkbox"/> Flood Zone	<input type="checkbox"/> Conditional Use	<input type="checkbox"/> Requires Review
<input type="checkbox"/> Subdivision	<input type="checkbox"/> Interpretation	<input type="checkbox"/> Approved
<input type="checkbox"/> Site Plan	<input type="checkbox"/> Approved	<input type="checkbox"/> Approved w/Conditions
Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/>	<input type="checkbox"/> Denied	<input type="checkbox"/> Denied
Date: <i>11/25/10 JBN</i>	Date:	Date: <i>JBN</i>

**PERMIT ISSUED**

DEC - 2 2010

City of Portland

### 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 - Building or Use Permit**

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

Permit No: 10-1461	Date Applied For: 11/24/2010	CBL: 117 D005001
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<b>Location of Construction:</b> 341 Deering Ave	<b>Owner Name:</b> Keller Marie	<b>Owner Address:</b> 341 Deering Ave	<b>Phone:</b>
<b>Business Name:</b>	<b>Contractor Name:</b> Michael McDonald	<b>Contractor Address:</b> Portland	<b>Phone:</b> (207) 828-1608
<b>Lessee/Buyer's Name</b>	<b>Phone:</b>	<b>Permit Type:</b> HVAC	

<b>Proposed Use:</b> Residential - single family/ Install one (1) natural gas Peerless F.H.W. Boiler in the basement.	<b>Proposed Project Description:</b> Install one (1) natural gas Peerless F.H.W. Boiler in the basement.
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**Dept:** Zoning      **Status:** Approved with Conditions      **Reviewer:** Ann Machado      **Approval Date:** 11/29/2010

**Note:**      **Ok to Issue:**

- 1) This property shall remain a single family dwelling. Any change of use shall require a separate permit application for review and approval.

**Dept:** Building      **Status:** Approved with Conditions      **Reviewer:** Jonathan Rioux      **Approval Date:** 12/02/2010

**Note:**      **Ok to Issue:**

- 1) Application approval based upon information provided by applicant. Any deviation from approved plans requires separate review and approval prior to work.
- 2) Maintain proper setback(s) from property lines/buildings and proper clearances from verticle openings when direct venting.
- 3) The installation must comply with the State of Maine Gas Regulations.

**PERMIT ISSUED**

DEC - 2 2010

City of Portland



# CITY OF PORTLAND, MAINE

Department of Building Inspections

## Original Receipt

Nov. 24 2010

Received from DBA Althea Wood

Location of Work 341 Denig Ave

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

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

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

Total: \_\_\_\_\_

Building (I1)  Plumbing (I5) \_\_\_\_\_ Electrical (I2) \_\_\_\_\_ Site Plan (U2) \_\_\_\_\_

Other NVA C

CBL: 117 12005

Check #: 1561 Total Collected \$ 120.00

**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

# APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT

PERMIT ISSUED

DEC - 2

117 D 003 City of Portland

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 341 Deering Ave Use of Building Home Date 11/24/10  
 Name and address of owner of appliance Marie Keller 341 Deering Ave  
Portland, ME. 04108  
 Installer's name and address Mike McDonald Heating Service L.L.C.  
160 Fellows St. So. Portland Me. 04106 Telephone 318-7079

### Location of appliance:

- Basement
- Floor
- Attic
- Roof

### Type of Fuel:

- Gas
- Oil
- Solid

Appliance Name: Peerless F.H.W. Boiler

U.L. Approved  Yes  No

Will appliance be installed in accordance with the manufacture's installation instructions?  Yes  No

IF NO Explain:

NOV 24 2010

### The Type of License of Installer:

- Master Plumber # \_\_\_\_\_
- Solid Fuel # \_\_\_\_\_
- Oil # \_\_\_\_\_
- Gas # PNT 5249
- Other \_\_\_\_\_

### Type of Chimney:

- Masonry Lined
- Factory built Metal Liner / Paul Pickett
- Metal
- Factory Built U.L. Listing # \_\_\_\_\_
- Direct Vent
- Type \_\_\_\_\_ UL# \_\_\_\_\_

### Type of Fuel Tank

- Oil
- Gas Natural Gas

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

Number of Tanks 1 Boiler

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

Cost of Work: \$ 9796.00

Permit Fee: \$ 120.00

RECEIVED  
Dept. of Building Inspection  
City of Portland Maine

### Approved

Fire: \_\_\_\_\_  
 Ele.: \_\_\_\_\_  
 Bldg.: \_\_\_\_\_

### Approved with Conditions

See attached letter or requirement

Signature of Installer

*Mike McDonald*

Inspector's Signature

Date Approved



FILL IN AND SIGN WITH INK

PERMIT ISSUED

# APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT

DEC - 2 2010

117 D 005

City of Portland

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 341 Deering Ave Use of Building Home Date 11/24/10  
 Name and address of owner of appliance Marie Keller 341 Deering Ave  
Portland, Me. 04103  
 Installer's name and address Mike McDonald Heating Service LLC  
160 Fellows St. Portland Me. 04106 Telephone 318-7079

### Location of appliance:

- Basement
- Floor
- Attic
- Roof

### Type of Fuel:

- Gas
- Oil
- Solid

Appliance Name: Peerless F.H.W. Boiler

U.L. Approved  Yes  No

*M I H Serious*

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 5249
- Other \_\_\_\_\_

### Type of Chimney:

- Masonry Lined  
Factory built Metal Liner / Panel Per K.H.
- Metal  
Factory Built U.L. Listing # \_\_\_\_\_
- Direct Vent  
Type \_\_\_\_\_ UL# \_\_\_\_\_

### Type of Fuel Tank

- Oil
- Gas Natural Gas

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

Number of Tanks 1 Boiler

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

Cost of Work: \$ 9796.00

Permit Fee: \$ 120.00

### Approved

### Approved with Conditions

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

See attached letter or requirement

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

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

Inspector's Signature

Date Approved

Signature of Installer



# Series MI/MIH

**Gas Boilers**

## Installation, Operation & Maintenance Manual

**TO THE INSTALLER:**

*This manual is the property of the owner and must be affixed near the boiler for future reference.*

**TO THE OWNER:**

*This boiler should be inspected annually by a Qualified Service Agency.*



PeerlessBoilers.com

**PB HEAT, LLC**

131 S. CHURCH STREET • BALLY, PA 19503



FSC

Mixed Sources  
Product group from well-managed  
forests, controlled sources and  
recycled wood or fibre

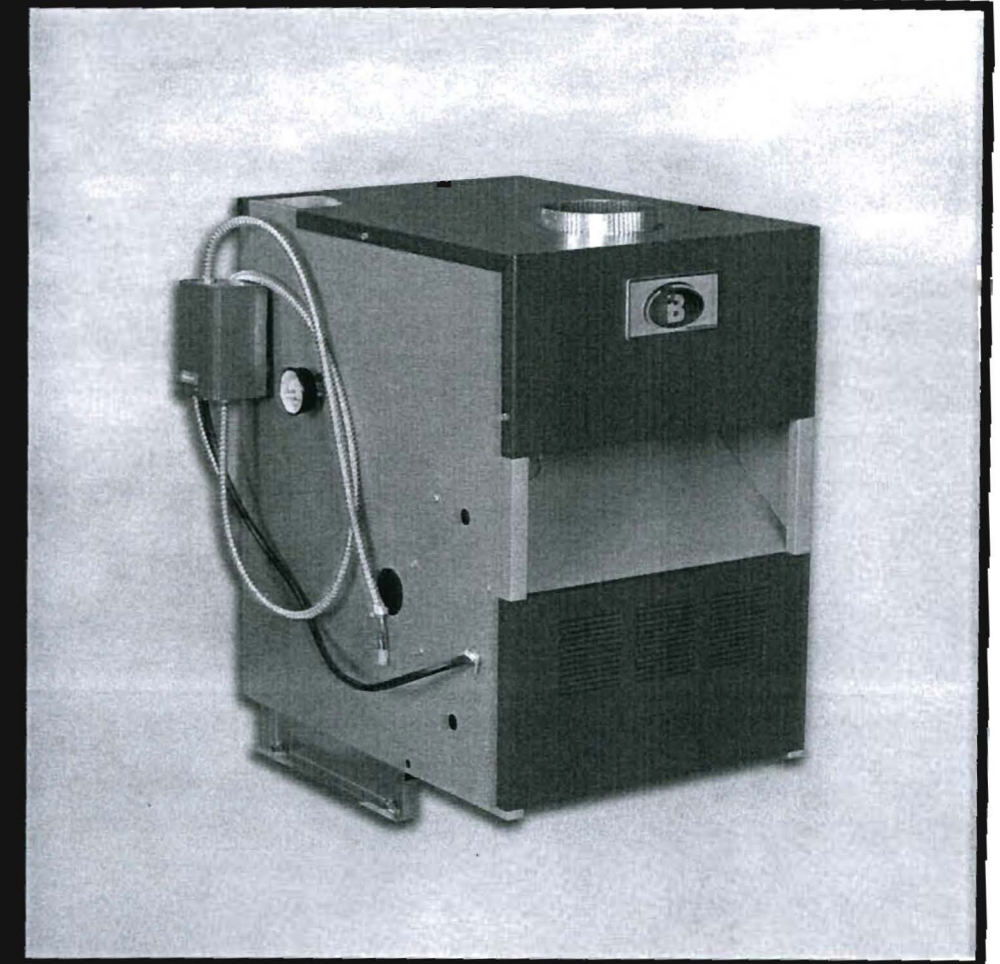
Cert no. SCS-COC-001363  
www.fsc.org

996 Forest Stewardship Council

M18038 R12 (9/10-5M)  
Printed in U.S.A.

# Series MI/MIH

**Gas Boilers**



## Installation, Operation & Maintenance Manual



PeerlessBoilers.com

**C. VENT PIPING AND CHIMNEY**

1. Install vent piping in accordance with Venting of Equipment part of the *National Fuel Gas Code*, ANSI Z223.1/NFPA 54, sections 7.2, 7.3 or 7.4 of CAN/CSA B149.1, *Natural Gas and Propane Installation Code*, or applicable provisions of the local building codes.
2. Inspect the existing chimney and lining for structural soundness, corrosion and perforations. Repair as necessary.
3. Install vent pipe to slope upward at least 1/4" per lineal foot (21 mm per meter) between the draft hood outlet and the chimney.

4. Before connection of joints, inspect the vent pipe interior for foreign objects such as tools, equipment, rags, etc. and remove if present.
5. Insert vent pipe into but not beyond the inside wall of the chimney flue.
6. Do not connect vent connectors serving appliances vented by natural draft into any portion of mechanical draft systems operating under positive pressure.
7. Support horizontal portions of the venting system to prevent sagging by use of metal strapping or equivalent means. Locate supports at no more than 4 foot (1.2 meter) intervals.

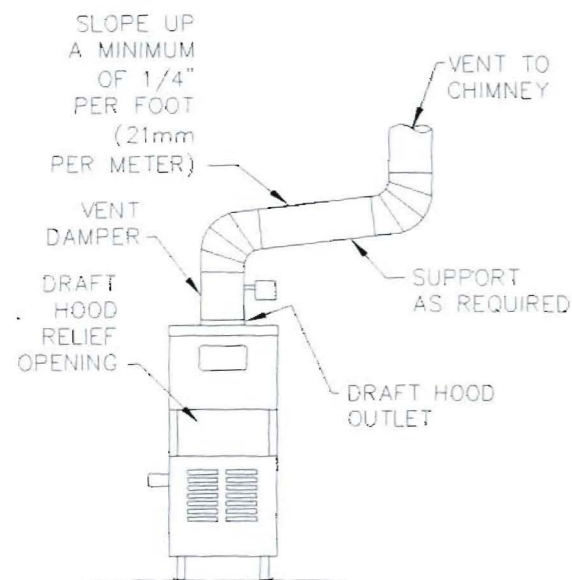


Figure 4.2: Venting with Vent Damper in Vertical Position

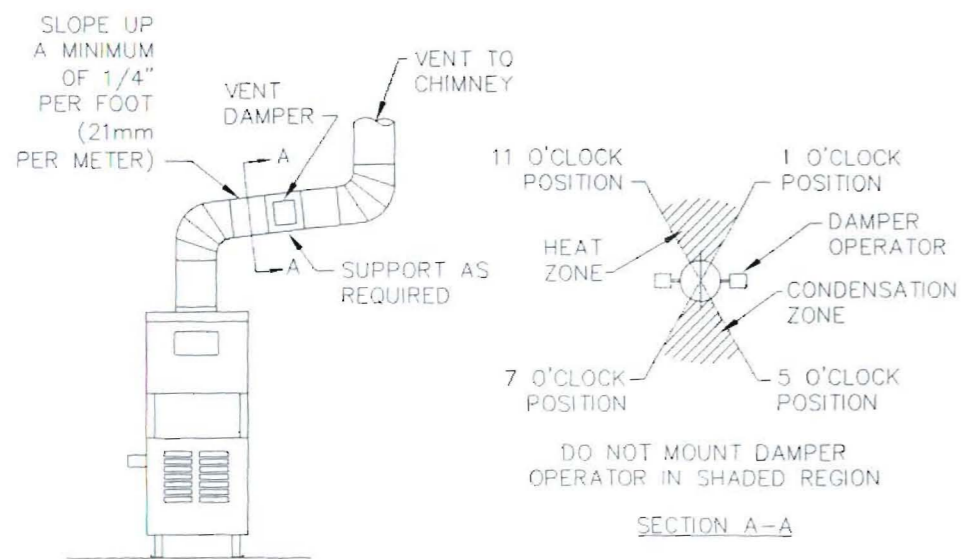


Figure 4.3: Venting with Vent Damper in Horizontal Position

**D. BOILER REMOVAL FROM COMMON VENTING SYSTEM**

At the time of removal of an existing boiler, follow these steps with each appliance remaining connected to the common venting system placed in operation, while the other appliances remaining connected to the common venting system are not in operation:

- a. Seal any unused openings in the common venting system.
- b. Visually inspect the venting system for proper size and horizontal pitch and determine there is no blockage or restriction, leakage, corrosion and other deficiencies which could cause an unsafe condition.
- c. Insofar as is practical, close all building doors and windows and all doors between the space in which the appliances remaining connected to the common venting system are located and other spaces of the building. Turn on any clothes dryers and any appliance not connected to common venting system. Turn on any exhaust fans, such as range hoods and bathroom exhausts, so they will operate at maximum speed. Do not operate a summer exhaust fan. Close fireplace dampers.

- d. Place in operation the appliance being inspected. Follow the lighting instructions. Adjust thermostat so appliance will operate continuously.
- e. Test for spillage at the draft hood relief opening after 5 minutes of main burner operation. Use the flame of a match or candle, or smoke from a cigarette, cigar, or pipe.
- f. After it has been determined that each appliance remaining connected to the common venting system properly vents when tested as outlined above, return doors, windows, exhaust fans, fireplace dampers and any other gas-burning appliance to their previous conditions of use.
- g. Any improper operation of the common venting system should be corrected so that the installation conforms with the current edition of the *National Fuel Gas Code*, ANSI Z223.1/NFPA 54 and/or CAN/CSA B149.1, *Natural Gas and Propane Installation Code*. When resizing any portion of the common venting system, the common venting system should be resized to approach the minimum size as determined using the appropriate tables in the *National Fuel Gas Code*, ANSI Z223.1/NFPA 54 and/or CAN/CSA B149.1, *Natural Gas and Propane Installation Code*.