

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



CITY OF PORTLAND



BUILDING PERMIT

This is to certify that PYE, SUSAN JSUSAN J PYE

Located At 151 CONGRESS

Job ID: 2011-07-1617-HVAC

CBL: 013 - - L - 018 - 001 - - - -

has permission to install Weil-McLain heating system

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**

BUILDING PERMIT INSPECTION PROCEDURES

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

or email: buildinginspections@portlandmaine.gov

With the issuance of this permit, the owner, builder or their designee is required to provide adequate notice to the city of Portland Inspections Services for the following inspections. Appointments must be requested 48 to 72 hours in advance of the required inspection. The inspection date will need to be confirmed by this office.

- **Please read the conditions of approval that is attached to this permit!! Contact this office if you have any questions.**
- **Permits expire in 6 months. If the project is not started or ceases for 6 months.**
- **If the inspection requirements are not followed as stated below additional fees may be incurred due to the issuance of a "Stop Work Order" and subsequent release to continue.**

The project cannot move to the next phase prior to the required inspection and approval to continue, REGARDLESS OF THE NOTICE OF CIRCUMSTANCES.

IF THE PERMIT REQUIRES A CERTIFICATE OF OCCUPANCY, IT MUST BE PAID FOR AND ISSUED TO THE OWNER OR DESIGNEE BEFORE THE SPACE MAY BE OCCU0PIED.



PORTLAND MAINE

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Director of Planning and Urban Development
Penny St. Louis

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Conditions of Approval:

Fire

Installation shall comply with City Code Chapter 10.

Fuel-fired boilers shall be protected in accordance with NFPA 101, *Life Safety Code*.

Installation shall comply with NFPA 211, *Standard for Chimneys, Fireplaces, Vents, and Solid Fuel-Burning Appliances*; NFPA 54, *National Fuel Gas Code*; NFPA 70, *National Electrical Code*; and the manufacturer's published instructions.

City of Portland, Maine - Building or Use Permit Application

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

Job No: 2011-07-1617-HVAC	Date Applied: 7/5/2011	CBL: 013 - - L - 018 - 001 - - - - -	
Location of Construction: 151 CONGRESS STREET	Owner Name: SUSAN J PYE	Owner Address: 151 CONGRESS ST APT 1 PORTLAND, ME - MAINE 04101	Phone:
Business Name:	Contractor Name: Charlie Burnham	Contractor Address: PO Box 382 FREEPORT MAINE 04032	Phone: (207) 865-9010
Lessee/Buyer's Name:	Phone:	Permit Type:	Zone: R-6
Past Use: Six residential condos	Proposed Use: Same: six residential condos – to install a Weil-McLain heating system	Cost of Work: \$12,000.00	CEO District:
		Fire Dept: <input checked="" type="checkbox"/> Approved w/conditions <input type="checkbox"/> Denied <input type="checkbox"/> N/A	Inspection: Use Group: Type: HVAC
		Signature: <i>[Signature]</i> (58)	Signature: <i>[Signature]</i>
Proposed Project Description: Install Weil-Mclain boiler		Pedestrian Activities District (P.A.D.)	
Permit Taken By: Lannie		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>	<p>Special Zone or Reviews</p> <p><input type="checkbox"/> Shoreland</p> <p><input type="checkbox"/> Wetlands</p> <p><input type="checkbox"/> Flood Zone</p> <p><input type="checkbox"/> Subdivision</p> <p><input type="checkbox"/> Site Plan</p> <p><input type="checkbox"/> Maj <input type="checkbox"/> Min <input type="checkbox"/> MM</p> <p>Date: <i>[Signature]</i> <i>7/11/11</i></p>	<p>Zoning Appeal</p> <p><input type="checkbox"/> Variance</p> <p><input type="checkbox"/> Miscellaneous</p> <p><input type="checkbox"/> Conditional Use</p> <p><input type="checkbox"/> Interpretation</p> <p><input type="checkbox"/> Approved</p> <p><input type="checkbox"/> Denied</p> <p>Date:</p>	<p>Historic Preservation</p> <p><input checked="" type="checkbox"/> Not in Dist or Landmark</p> <p><input type="checkbox"/> Does not Require Review</p> <p><input type="checkbox"/> Requires Review</p> <p><input type="checkbox"/> Approved</p> <p><input type="checkbox"/> Approved w/Conditions</p> <p><input type="checkbox"/> Denied</p> <p>Date: <i>[Signature]</i></p>
	CERTIFICATION		

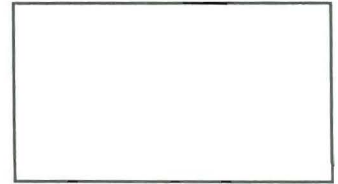
I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, 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	PHON



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 151 Congress Str 13-L-10 Use of Building 6 Res. Condo Date 7-5-11

Name and address of owner of appliance 151 Congress Str. Colridor Ass.

Installer's name and address Charlie Burukhan Heating Service Inc
4 Spring Str Freeport, ME 04022 Telephone 865-9010

Location of appliance:

- Basement
- Floor
- Attic
- Roof

Type of Fuel:

- Gas
- Oil
- Solid

Appliance Name: Weil-McHain

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 # PNT6050
- Other _____

Type of Chimney:

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

Type of Fuel Tank

- Oil
- Gas

Size of Tank _____

Number of Tanks _____

Distance from Tank to Center of Flame _____ feet.

Cost of Work: \$ 11940.00

Permit Fee: \$ 140

RECEIVED
JUL - 5 2011
Dept. of Building Inspections
City of Portland Maine
R-6

Approved

Fire: _____
Ele.: _____
Bldg.: _____

Approved with Conditions

- See attached letter or requirement

Inspector's Signature _____

Date Approved _____

Signature of Installer [Signature]

White - Inspection Yellow - File Pink - Applicant's Gold - Assessor's Copy

11.9.11

WEIL-McLAIN

GOLD

SGO

SERIES 2

STEAM BOILER

With Tankless
Heater Opening

7 sizes

358

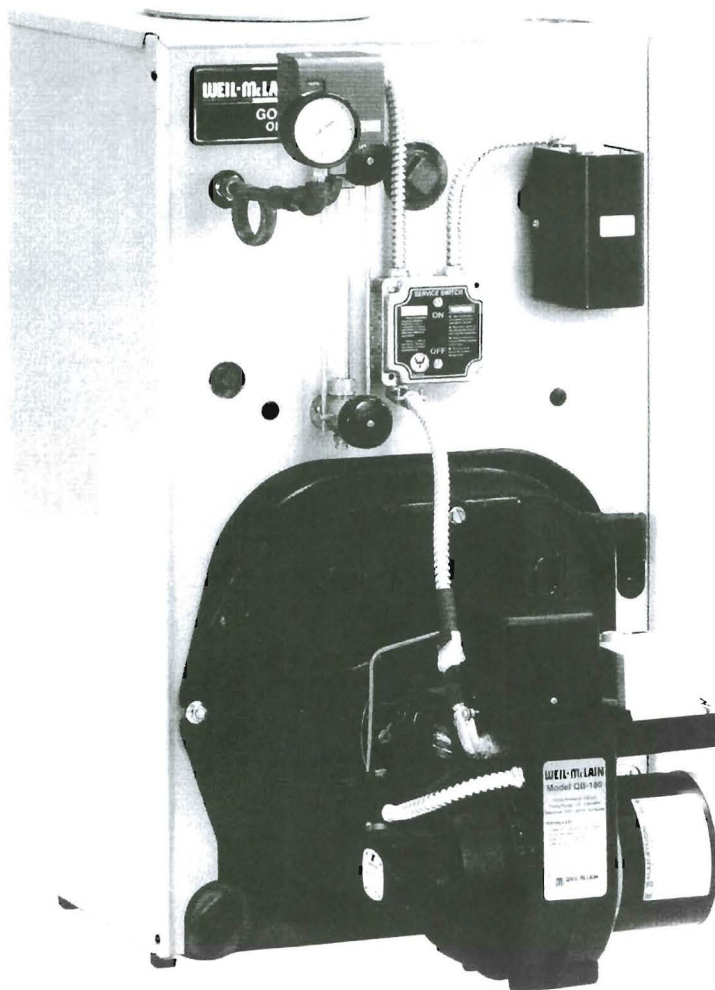
To

933

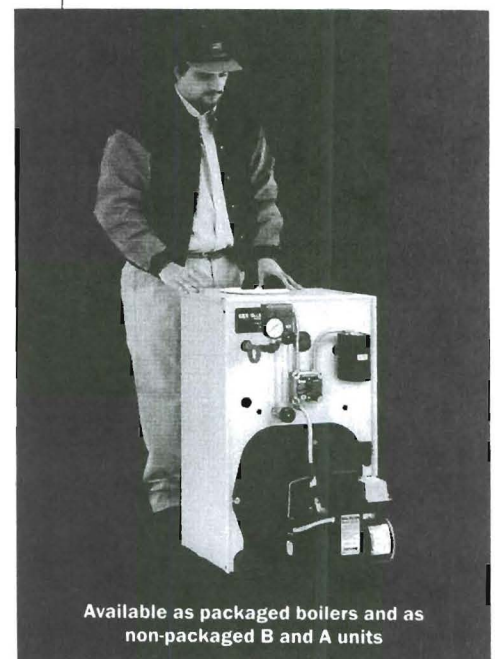
Sq. Ft.

Steam

.95 To 2.55 GPH



- Easy to Install and Setup
- Easy to Service and Clean
- Made with Weil-McLain Quality



Available as packaged boilers and as
non-packaged B and A units



Read This Page First

Hazard Definitions

The following terms are used to bring attention to the presence of hazards of various risk levels or to important information concerning product life.

DANGER

Indicates presence of hazards that will cause severe personal injury, death or substantial property damage if ignored.

WARNING

Indicates presence of hazards that can cause severe personal injury, death or substantial property damage if ignored.

CAUTION

Indicates presence of hazards that will or can cause minor personal injury or property damage if ignored.

NOTICE

Indicates special instructions on installation, operation or maintenance that are important but not related to personal injury hazards.

Symbol Definitions

The following symbols are used to indicate sequence of installation for:



Factory-assembled packaged boiler – block, jacket and controls. Sizes 3 through 6 only.



Factory-assembled block, no burner. Sizes 3 through 6 with jacket installed; water trim controls shipped separately. Sizes 7 through 9 with jacket and water trim controls shipped separately.

When Calling or Writing About the Boiler

Please have boiler model number and series from boiler rating label and CP number(s) from boiler jacket, burner and controls. On page 24 of this manual is space to list CP number(s).

Table of Contents

**WARNING**

Read all instructions before installing. Failure to follow all instructions in proper order can cause severe personal injury, death or substantial property damage.

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Before Installing Boiler

Installations must comply with:

- U.S.
 - State and local plumbing, heating and electrical codes.
 - National codes where applicable.
- Canada
 - Canadian Standards Association, CSA B139, Installation Code for Oil-Burning Equipment.
 - CSA C22.1 Canadian Electrical Code Part One.
 - Applicable local or provincial codes.

Before selecting boiler location:

- Check for nearby connections to:
 - System water piping.
 - Chimney. See pages 12-13. Boiler can be top or back vented.
 - Combustion and ventilation air supply. See page 5.
 - Oil supply. See page 22 for oil line routing.
 - Electrical power.
- Check area around boiler. Remove any combustible materials, gasoline and other flammable liquids.

WARNING Failure to keep boiler area clear and free of combustible materials, gasoline and other flammable liquids and vapors can result in severe personal injury, death or substantial property damage.

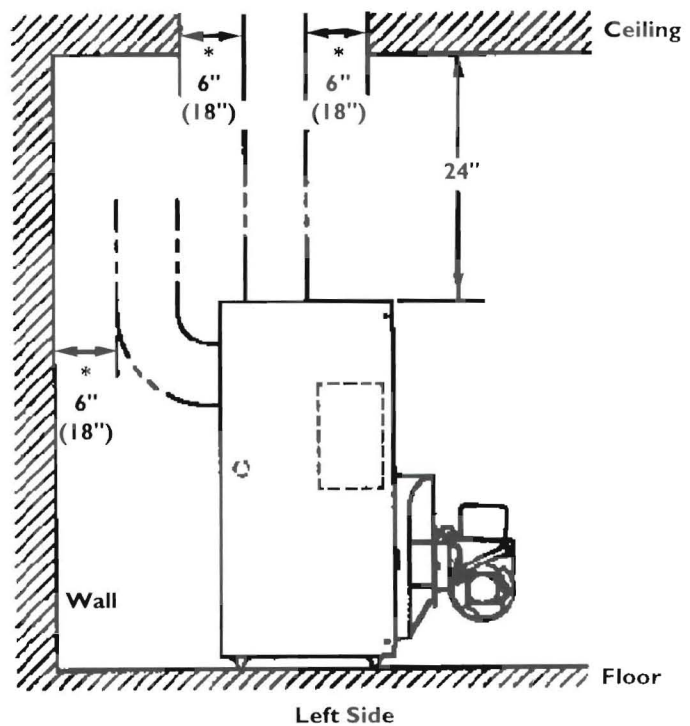
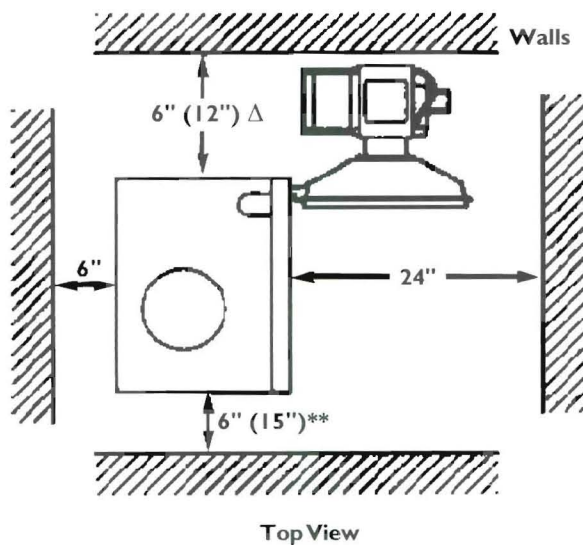
Provide clearances around boiler (see FIGURE 1):

NOTICE Jacket cap must be in place on boiler to avoid requiring an 18" minimum clearance from back or top of boiler to combustible material.

- **Minimum** clearances from vent pipe to combustible material:
 - 6 inches — Type "L" doublewall vent*
 - 18 inches — Singlewall vent*

NOTICE Flue pipe clearances must take precedence over jacket clearances.

- Recommended **service** clearances:
 - 24 inches — Front and top
 - 6 inches — Left side, back and right side Δ
 - 12 inches — Right side for burner door swing radius Δ
- Special **close** clearances (alcove, closet, under counters, etc.) — see Appendix, pages 26-27.



Recommended Service Clearances
FIGURE 1



Provide air for combustion and ventilation:

WARNING

Adequate combustion and ventilation air:

- Assures proper combustion.
- Reduces risk of severe personal injury or death from possible flue gas leakage and carbon monoxide emissions.

Do not install exhaust fan in boiler room.

Older buildings with single-pane windows, minimal weather-stripping and no vapor barrier often provide enough natural infiltration and ventilation without dedicated openings.

New construction or remodeled buildings are most often built tighter. Windows and doors are weather-stripped, vapor barriers are used and openings in walls are caulked. As a result, such tight construction is unlikely to allow proper natural air infiltration and ventilation.

Follow state, provincial or local codes when sizing adequate combustion and ventilation air openings. In absence of codes, use the following guidelines when boiler is in a confined room (*defined by NFPA 31 as less than 7200 cubic feet per 1 GPH input of all appliances in area. A room 8 ft. high x 33.5 ft. x 33.5 ft. is 7200 cu. ft.*):

Provide two permanent openings — one within 12 inches of ceiling, one within 12 inches of floor. Minimum height **or** length dimension of each rectangular opening should be at least 3 inches.

When inside air is used — each opening must freely connect with areas having adequate infiltration from outside. Each opening should be at least 140 sq. in. per 1 GPH input (1 sq. in. per 1000 Btu input) of **all** fuel-burning appliances plus requirements for any equipment that can pull air from room (including clothes dryer and fireplace).

When outside air is used — connect each opening directly or by ducts to the outdoors or to crawl or attic space that freely connects with outdoors. Size per below:

- Through outside wall or vertical ducts — at least 35 sq. in. per 1 GPH input (1 sq. in. per 4000 Btu input) of **all** fuel-burning appliances plus requirements for any equipment that can pull air from room (including clothes dryer and fireplace).

- Through horizontal ducts — at least 70 sq. in. per 1 GPH boiler input (1 sq. in. per 2000 Btu input) of **all** fuel-burning appliances plus requirements for any equipment that can pull air from room (including clothes dryer and fireplace).
 - Where ducts are used, they should have same cross-sectional area as free area of openings to which they connect. Compensate for louver, grille or screen blockage when calculating free air openings. Refer to their manufacturer's instructions for details. If unknown, use:
 - Wood louvers, which provide 20-25% free air.
 - Metal louvers or grilles, which provide 60-75% free air.
- Lock louvers in open position or interlock with equipment to prove open before boiler operation.

Lay a foundation, if needed:

Boiler may be installed on non-carpeted combustible flooring.

For residential garage installation, install boiler so burner is at least 18 inches above floor to avoid contact with gasoline fumes.

A level concrete or masonry foundation is required when:

- Floor could possibly become flooded.
- Non-level conditions exist.

Solid concrete blocks can be used to create a pad.

BOILER FOUNDATION SIZE TABLE

BOILER MODEL	LENGTH INCHES	WIDTH INCHES	MIN. HEIGHT INCHES
WTGO-3	17	22	2
WTGO-4	17	22	2
WTGO-5	20	22	2
WTGO-6	23 ¹ / ₈	22	2
WTGO-7	26 ¹ / ₄	22	2
WTGO-8	29 ¹ / ₈	22	2
WTGO-9	32 ¹ / ₂	22	2



Go to page 6 to install boiler



Go to page 8 to install boiler



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Director of Planning and Urban Development
Penny St. Louis

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CITY OF PORTLAND, MAINE
Department of Building Inspections

Original Receipt

_____ 11.5. 20 11

Received from Charlie Bunker -

Location of Work 151-1-18

Cost of Construction \$ _____ Building Fee: _____

Permit Fee \$ _____ Site Fee: _____

Certificate of Occupancy Fee: _____

Total: 140

Building (IL) _____ Plumbing (IS) _____ Electrical (I2) _____ Site Plan (U2) _____

Other HWA

CBL: 15-1-18

Check #: 2273 Total Collected \$ 140

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

Taken by: Sp

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