

City of Portland, Maine - Building or Use Permit Application
 389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No: 09-0947	Issue Date:	CBL: 014 N004001
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Location of Construction: 131 MORNING ST	Owner Name: 131 MORNING STREET LLC	Owner Address: PO BOX 4271	Phone:
Business Name:	Contractor Name: Sheldon Goldman	Contractor Address: 31 Peary Terrace So Portland	Phone 2077996211
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	Zone: R-6

Past Use: Multi-family	Proposed Use: Multi-family - install a Weil McLain Ultra	Permit Fee: \$170.00	Cost of Work: \$15,000.00	CEO District: 1
Legal use: Three residential M.D.U. Proposed Project Description: install a Weil McLain Ultra		FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied * See Conditions	INSPECTION: Use Group: HVAC Type: Signature: <i>[Signature]</i>	
		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: Ldobson	Date Applied For: 08/31/2009	Zoning Approval
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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..	Special Zone or Reviews <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/>	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	Historic Preservation <input checked="" type="checkbox"/> Not in District 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>8/31/09</i>	Date: <i>8/31/09</i>	Date: _____



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

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.

Signature of Applicant/Designee

Date

Signature of Inspections Official

Date

Mark

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Location of Construction: 131 MORNING ST	Owner Name: 131 MORNING STREET LLC	Owner Address: PO BOX 4271	Phone:
Business Name:	Contractor Name: Sheldon Goldman	Contractor Address: 31 Peary Terrace So Portland	Phone: (207) 799-6211
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	

Proposed Use: Multi- three family - install a Weil McLain Ultra	Proposed Project Description: install a Weil McLain Ultra
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Dept: Zoning **Status:** Approved with Conditions **Reviewer:** Marge Schmuckal **Approval Date:** 08/31/2009**Note:****Ok to Issue:**

- 1) Separate permits shall be required for future decks, sheds, pools, and/or garages.
- 2) This is NOT an approval for an additional dwelling unit. You SHALL NOT add any additional kitchen equipment including, but not limited to items such as stoves, microwaves, refrigerators, or kitchen sinks, etc. Without special approvals.
- 3) This property shall remain a three (3) family dwelling. Any change of use shall require a separate permit application for review and approval.
- 4) This permit is being approved on the basis of plans submitted. Any deviations shall require a separate approval before starting that work.

Dept: Building **Status:** Approved with Conditions **Reviewer:** Tammy Munson **Approval Date:** 09/10/2009**Note:****Ok to Issue:**

- 1) The installation must comply with the State of Maine Gas Regulations.

Dept: Fire **Status:** Approved with Conditions **Reviewer:** Capt Keith Gautreau **Approval Date:** 09/02/2009**Note:****Ok to Issue:**

- 1) Install shall comply with all manufacture's specifications.
- 2) Install shall comply with NFPA 54.
A compliance letter is required



FILL IN AND SIGN WITH INK

APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT

PERMIT ISSUED	
SEP 10	2009
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 131 MORNING ST. PORTLAND Use of Building 14 NY Date _____
 Name and address of owner of appliance CRANDALL TOOTHAKER 200 HIGH ST PORTLAND

Installer's name and address SHELDON GOLDMAN 31 PEARY TERRACE SO. PORTLAND
MAINE 04106 Telephone 207-799-6211

Location of appliance:
 Basement Floor
 Attic Roof

Type of Fuel:
 Gas Oil Solid

Appliance Name: WEIL MCLAIN ULTRA
 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 # MS 2362
 Solid Fuel # _____
 Oil # _____
 Gas # PMT 2253
 Other _____

Type of Chimney:
 Masonry Lined
 Factory built N/A

Metal
 Factory Built U.L. Listing # _____

Direct Vent
 Type _____ UL# _____

Type of Fuel Tank
 Oil
 Gas

Size of Tank N/A

Number of Tanks N/A

Distance from Tank to Center of Flame _____ feet.

Cost of Work: \$ 15,000

Permit Fee: \$ 120

Approved	Approved with Conditions
Fire: _____	<input type="checkbox"/> See attached letter or requirement
Ele.: _____	
Bldg.: _____	
	Inspector's Signature _____ Date Approved _____

Signature of Installer Sheldon Goldman

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

Sidewall vent/air termination: Weil-McLain plate *(continued)*

- c. Make sure there will be no obstructions that might prevent proper placement of the termination.
- d. Use the template to mark the locations for the four mounting holes, flue pipe and air pipe. Level the template with a spirit level.

WARNING For the Weil-McLain plate, the template must be level to ensure the flue and air pipe will be side-to-side, as shown in Figure 40. Failure to comply could result in severe personal injury, death or substantial property damage.

- e. Cut holes in the wall as shown in Figure 41, using the location marks made with the template. For best results, use a small-diameter, long drill bit to drill centering holes for the flue and air pipe openings. Then drill the large openings from both the inside and outside.
 - f. The flue pipe and air pipe may be run through a rectangular cutout (as marked on the template) in lieu of two separate holes if desired.
2. Drill holes for the screws or plastic anchors to secure the outside plate. Install the outside plate and mount the termination on the plate (temporarily).
 - a. Cut the flue pipe so the extension through the wall will cause the vent pipe to fully extend into the termination socket.
 - b. Cut the air pipe so the extension through the wall will butt the air pipe against the stops inside the termination.
 - c. When using 3-inch vent piping with a 4-inch termination (Ultra-230 applications), increase the flue pipe size to 4 inch before the pipe passes through the wall. This is required to obtain a seal between the flue pipe and the termination.
 - d. Temporarily slide the flue and air pipes through the opening(s). Slide the inside wall plate over the two pipes and into position on the inside wall.
 - e. Position the inside plate so the flue pipe and air pipe slope downward slightly toward the boiler ($1/4$ " per foot).
 - f. Mark the four (4) mounting holes for the plate.
 - g. Remove the vent and air pipe, drill the four mounting holes, and mount the inside plate.
 3. Test fit the vent/air termination on the vent pipe. Make sure the vent pipe fully penetrates the termination socket and the air pipe butts against the interior stops.
 4. Apply silicon RTV sealant to the interior of the vent termination and slide onto vent pipe. Rotate slightly to spread the silicon to ensure a tight seal around the vent pipe.
 5. Secure the termination in place using the four #10 x $1/2$ " sheet metal screws and lock washers (see Figure 41).

Figure 40 Hole preparation in wall — Weil-McLain vent/air plate

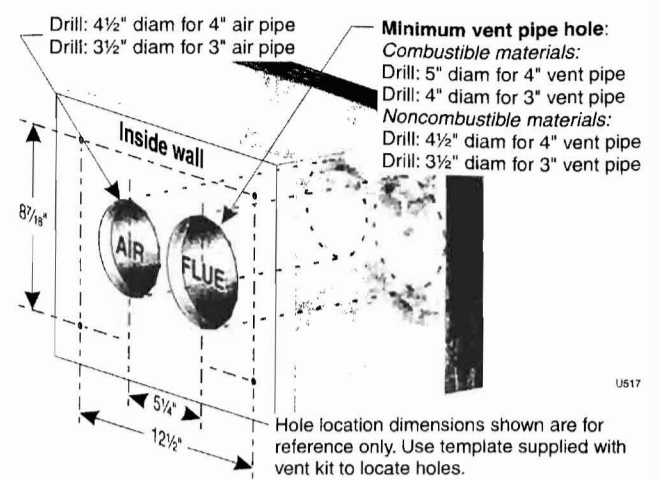
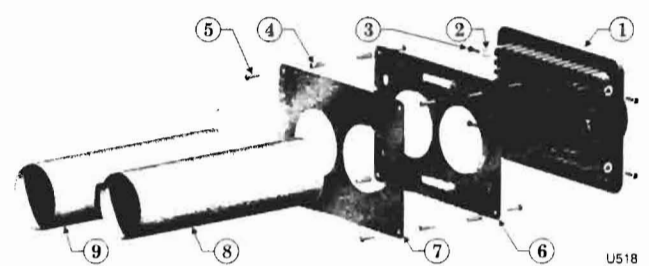


Figure 41 Termination assembly — Weil-McLain vent/air plate



1 Vent termination (3" or 4")	6 Outer mounting plate
2 Lock washer, #10 (4)	7 Inner mounting plate
3 Sheet metal screw, #10 x $1/2$ " (4)	8 Vent pipe (butt to screen in termination)
4 Plastic wall anchor (8)	9 Air pipe (butt to stops in termination)
5 Sheet metal screw, #10 x $1 1/4$ " (8)	

Wall vent/air termination: Weil-McLain plate (continued)

- d. Avoid possibility of accidental contact of flue products with people or pets.
 - e. Do not locate the terminations where wind eddies could affect performance or cause recirculation, such as inside building corners, near adjacent buildings or surfaces, window wells, stairwells, alcoves, courtyards or other recessed areas.
 - f. Do not terminate above any door or window or under a deck. Condensate can freeze, causing ice formations.
 - g. Locate or guard vent to prevent condensate damage to exterior finishes.
3. Maintain clearances as shown in Figure 36, Figure 37, Figure 38 and Figure 39. Also maintain the following:
 - a. Vent must terminate:
 - At least 6 feet from adjacent walls.
 - No closer than 5 feet below roof overhang.
 - At least 7 feet above any public walkway.
 - At least 3 feet above any forced air intake within 10 feet.
 - No closer than 12 inches below or horizontally from any door or window or any other gravity air inlet.
 - b. Air inlet must terminate at least 12" above grade or snow line
 - c. Do not terminate closer than 4 feet horizontally (above or below) from any electric meter, gas meter, regulator, relief valve or other equipment.
 4. Locate terminations so they are not likely to be damaged by foreign objects, such as stones or balls, or subject to buildup of leaves or sediment.

Multiple vent/air terminations

1. When terminating multiple Ultra boilers, terminate each vent/air connection as described in this manual.

WARNING All vent pipes and air inlets must terminate at the same height to avoid possibility of severe personal injury, death or substantial property damage.

2. Place wall penetrations to obtain minimum clearance as shown in Figure 39 for U. S. installations. For Canadian installations, provide clearances required by CSA B149.1 or B149.2 Installation Code.
3. The air inlet of an Ultra boiler is part of a direct vent connection. It is not classified as a forced air intake with regard to spacing from adjacent boiler vents.
4. Combustion air (NOT vent piping) can be manifolded as shown in Figure 31, page 30.

Install terminations — Weil-McLain vent/air plate

NOTICE The inside and outside plates are stamped to identify the exhaust (vent) and intake (air) openings. Make sure to orient the plates correctly.

1. Locate termination opening and avoid obstructions:
 - a. Use the template supplied with the termination kit.
 - b. Locate the template on the outside building surface where the penetration is to be made.

Figure 37 Termination location — Weil-McLain vent/air plate — clearances to openings

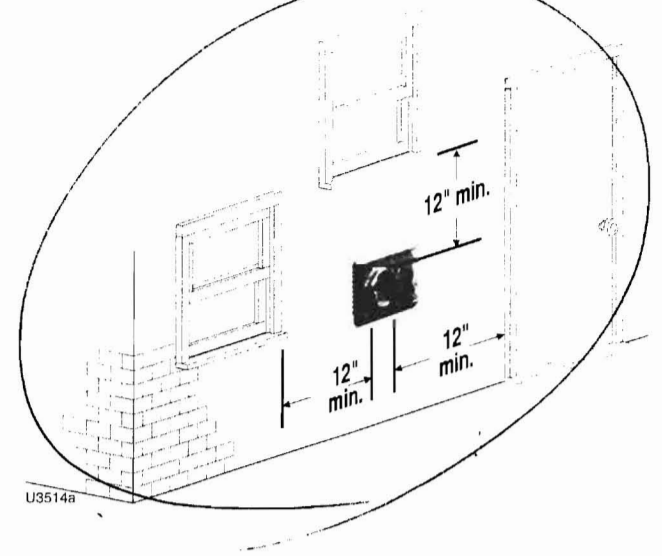


Figure 38 Termination location — Weil-McLain vent/air plate — clearances to public walkway or forced air intake

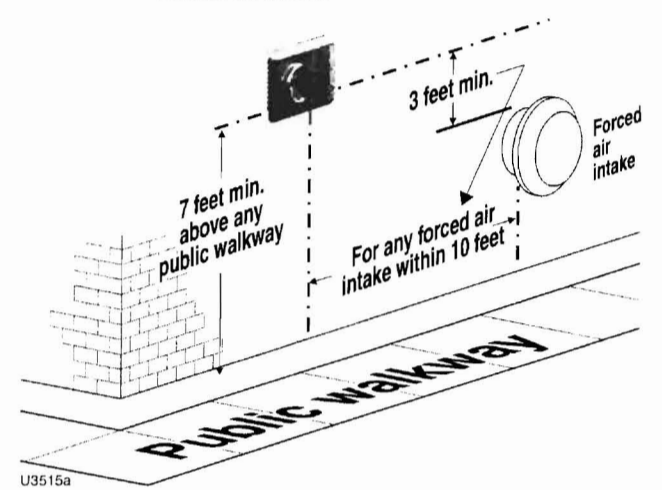
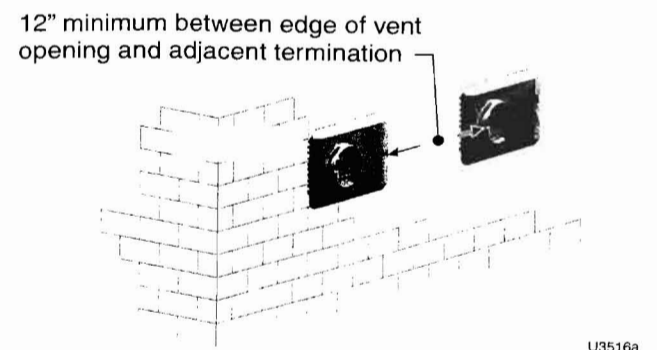


Figure 39 Termination location — Weil-McLain vent/air plate — multiple boilers — clearance from vent of one to air intake of the next



WM WEIL-McLAIN

Ultra

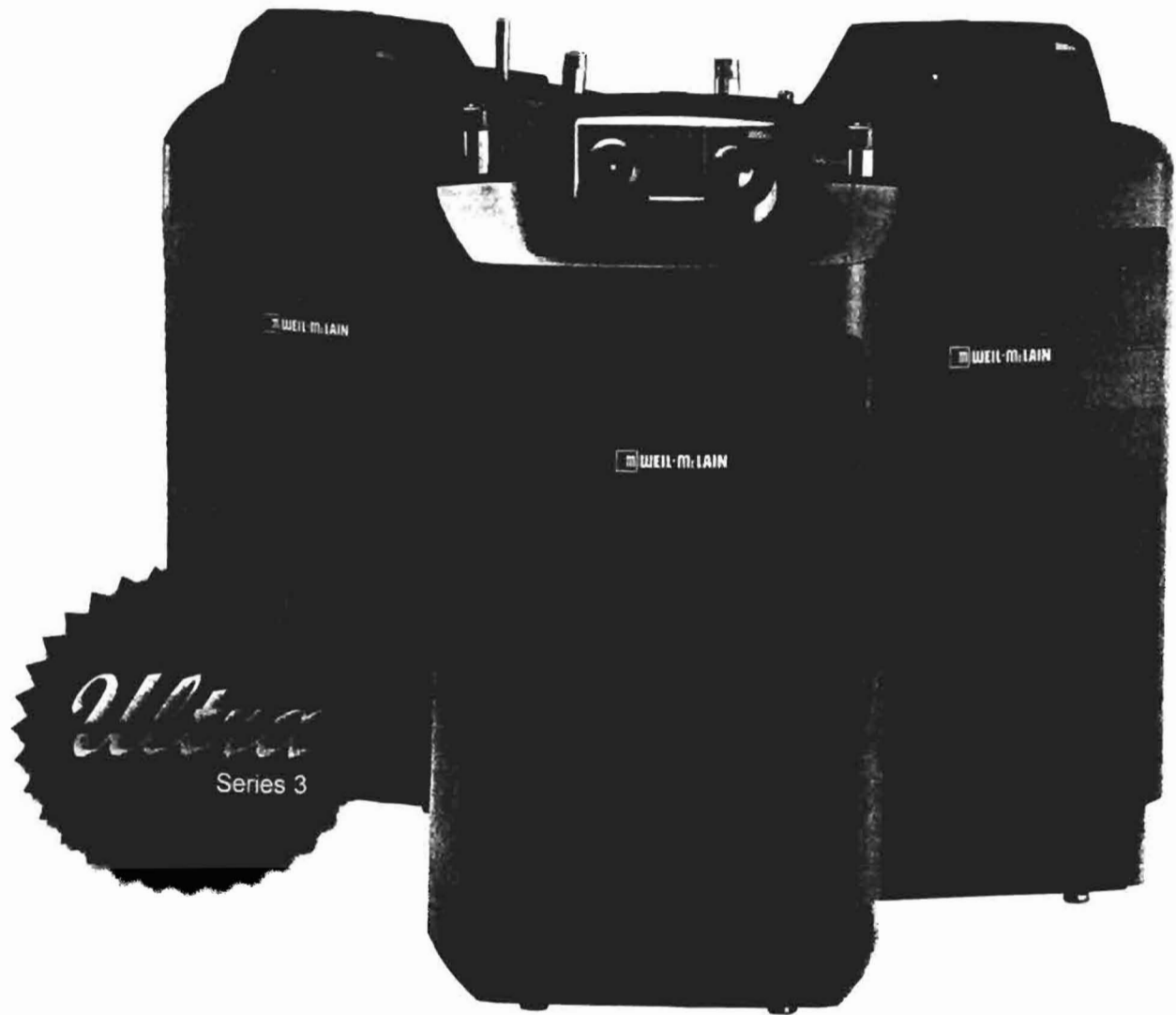
Gas-fired water boilers – Series 3



Featuring **UControl**
Flexibility

Boiler Manual

- Installation
- Maintenance
- Startup
- Parts



WARNING

This manual must only be used by a qualified heating installer/service technician. Read all instructions, including this manual and all other information shipped with the boiler, before installing. Perform steps in the order given. Failure to comply could result in severe personal injury, death or substantial property damage.

Part number 550-100-066/0608