

City of Portland, Maine - Building or Use Permit Application

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

Permit No: 10-1250		Issue Date:		CBL: 040 B009001	
Location of Construction: 30 Pleasant St		Owner Name: Larsdotter Gunnel		Owner Address: 726 Seashore Ave	
Business Name:		Contractor Name: S.P. Plumbing & Heating Inc		Contractor Address: 129 Thadeus St Suite 8 South Portland	
Lessee/Buyer's Name		Phone:		Phone: 2077757277	
Past Use: Multi Units		Proposed Use: Multi Units / Install three (3) natural street gas Triangle Tube boilers in the basement.		Permit Type: HVAC	
Proposed Project Description: Install three (3) natural street gas Triangle Tube boilers in the basement.		Permit Fee: \$260.00		Cost of Work: \$24,000.00	
		FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied *See Conditions		INSPECTION: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied Use Group: B/R Type: HVAC IMC-2003	
		Signature: (KG)		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: 10/04/2010		Zoning Approval	

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..

PERMIT ISSUED

OCT 28 2010

City of Portland

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"/> Date: 10/12/10	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 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:
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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

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Permit No:	Date Applied For:	CBL:
10-1250	10/04/2010	040 B009001

Location of Construction:	Owner Name:	Owner Address:	Phone:
30 Pleasant St	Larsdotter Gunnel	726 Seashore Ave	
Business Name:	Contractor Name:	Contractor Address:	Phone
	S.P. Plumbing & Heating Inc	129 Thadeus St Suite 8 South Portland	(207) 775-7277
Lessee/Buyer's Name	Phone:	Permit Type:	
		HVAC	

Proposed Use:	Proposed Project Description:
Multi Units 1st floor commercial and 2 res units above/ Install three (3) natural street gas Triangle Tube boilers in the basement.	Install three (3) natural street gas Triangle Tube boilers in the basement.

Dept: Zoning	Status: Approved with Conditions	Reviewer: Marge Schmuckal	Approval Date: 10/12/2010
Note:			Ok to Issue: <input checked="" type="checkbox"/>
1) ANY exterior work requires a separate review and approval thru Historic Preservation. This property is located within an Historic District.			
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 commercial space on the 1st floor with 1 res. unit on the 2nd floor and 1 res. unit on the 3rd floor. 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: Jeanine Bourke	Approval Date: 10/28/2010
Note:			Ok to Issue: <input checked="" type="checkbox"/>
1) The appliance and venting shall be installed in accordance with the UL listing, and the IMC 2003.			
2) The installation must comply with the State of Maine Gas Regulations.			
Dept: Fire	Status: Approved with Conditions	Reviewer: Capt Keith Gautreau	Approval Date: 10/25/2010
Note:			Ok to Issue: <input checked="" type="checkbox"/>
1) Install shall comply with all manufacture's specifications.			
2) Install shall comply with NFPA 54. A compliance letter is required			

PERMIT ISSUED

OCT 28 2010

City of Portland



FILL IN AND SIGN WITH INK

**APPLICATION FOR PERMIT
HEATING OR POWER EQUIPMENT****PERMIT ISSUED**

OCT 28 2010

403 009

3 units

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 30 Pleasant St. Use of Building _____ Date 10/4/10Name and address of owner of appliance Joseph How House LLCInstaller's name and address S.P. Plumbing & Heating Inc 120 Thaddeus St.
Suite 8 So. Portland, ME 04106 Telephone 775-7277**Location of appliance:**

- ☒ Basement ☐ Floor
☐ Attic ☐ Roof

Type of Fuel:

- ☒ Gas ☐ Oil ☐ Solid

Appliance Name: Triangle tube Boiler PELL0U.L. Approved ☐ Yes ☐ NoWill appliance be installed in accordance with the manufacture's installation instructions? ☒ Yes ☐ NoIF NO Explain: _____**The Type of License of Installer:**

- ☐ Master Plumber # _____
☐ Solid Fuel # _____
☐ Oil # _____
☒ Gas # PNT 1383
☐ Other _____

Type of Chimney:

- ☐ Masonry Lined
Factory built OCT - 4 2010

- ☐ Metal **Dept. of Building Inspections
City of Portland Maine**
Factory Built U.L. Listing # _____

- ☒ Direct Vent
Type _____ UL# Boilers

Type of Fuel Tank

- ☐ Oil
☒ Gas 1 Street NAT the basement

Size of Tank _____

Number of Tanks _____

Distance from Tank to Center of Flame _____ feet

Cost of Work: \$ 24,000Permit Fee: \$ ~~260.00~~ 260.00**Approved**

Fire: _____

Ele.: _____

Bldg.: _____

Signature of Installer [Signature]**Approved with Conditions**☐ See attached letter or requirement

Inspector's Signature _____

Date Approved _____

White - Inspection

Yellow - File

Pink - Applicant's

Gold - Assessor's Copy



CITY OF PORTLAND, MAINE

Department of Building Inspections

Original Receipt

Oct 4 2010

Received from

C.P. Plumbing & Heating

Location of Work

30 Phoenix

Cost of Construction

\$

Building Fee:

Permit Fee

\$

Site Fee:

Certificate of Occupancy Fee:

Total:

960.00

Building (IL)

Plumbing (I5)

Electrical (I2)

Site Plan (U2)

Other

HVAC

CBL:

040 BOON

Check #:

12947

Total Collected \$

960.00

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

Taken by:

Hayle

WHITE - Applicant's Copy

YELLOW - Office Copy

PINK - Permit Copy

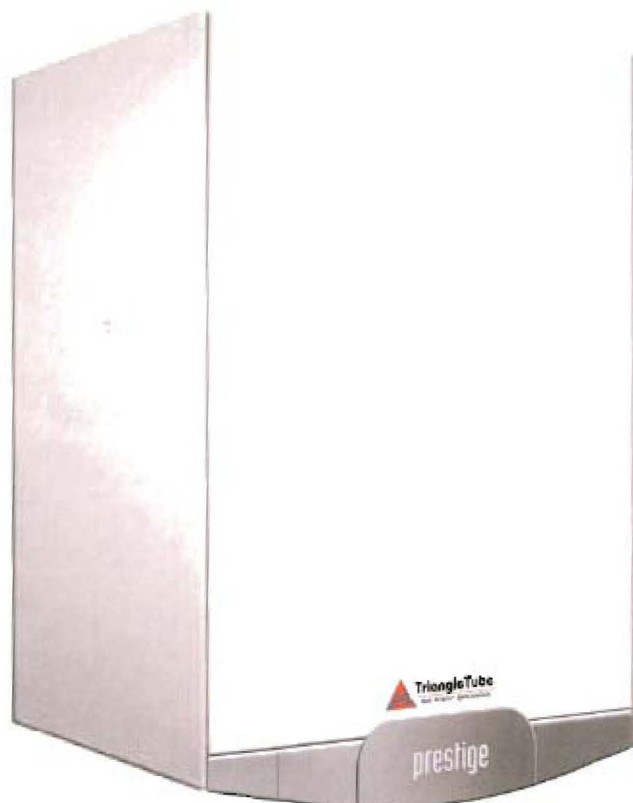


TriangleTube
Hot Water Specialists

prestigeExcellence

High Efficiency Space Heating and Domestic Hot Water ALL-IN-ONE.

High Efficiency Condensing Stainless Steel Wall Mounted Gas Boiler with Built in "Tank-in-Tank" Indirect Fired Water Heater.

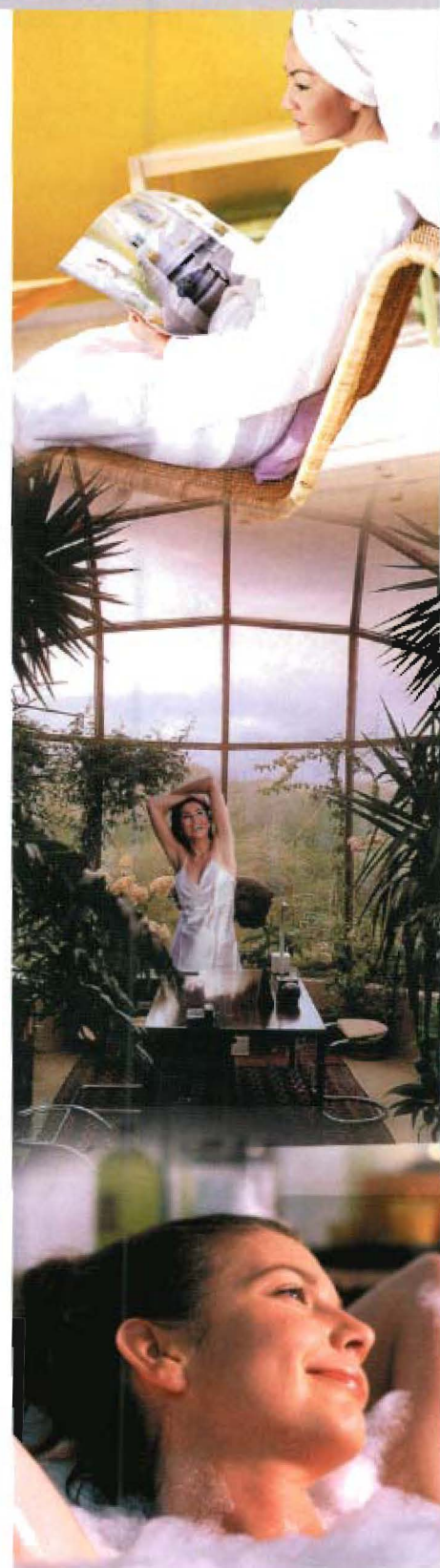


The Prestige Excellence Model Condensing Boiler also incorporates a 14 gallon Indirect Fired Water Heater in the cabinet that is capable of producing 180 gph of domestic hot water.

Features



- » 95% AFUE Efficiency
- » Fully Modulating
- » Abundant Domestic Hot Water with Standard Mixing Valve
- » Built-in Exclusive "Tank-in-Tank" Indirect Fired Water Heater
- » Built-in 3 Speed System Circulator
- » Standard Outdoor Reset
- » Quiet Operation
- » Digital Display
- » Direct Vent/Sealed Combustion



Specifications & Performance

Boiler



Model	Fuel	Input Modulation MBH	AFUE	DOE Heating Capacity MBH	NET I=B+R MBH	Boiler Water Content Gal.
PE 110	Natural Gas	30 - 110	95%	99	86	2.5
PE 110 LP	Propane Gas	25 - 97	95%	87	76	2.5

Model	Fuel	Supply / Return Connections	Gas Connection	Vent/Air Diameter	Dimensions D x W x H	Weight Lbs
PE 110	Natural Gas/ Propane	1"	1/2"	3"	20.8" x 24.7" x 37.2"	190

Water Heater

Model	10 Min. Peak Flow* (Gal.)	1st Hour Rating* (GPH)	Continuous Flow @70° Rise (GPH)	Domestic Inlet/Outlet	Domestic Capacity (Gal.)	Heating Water Capacity (Gal.)
PE 110	55	210	180	3/4"	14	2.3

* Domestic performance based on average water temperature of 108°F at mixing valve outlet and 50°F inlet



439 GRADE STAINLESS STEEL HEAT EXCHANGER

Vertical Firetube Design. Impervious to chloride cracking.
Unparalleled resistance to corrosion.

HIGHEST WATER CONTENT IN THE INDUSTRY

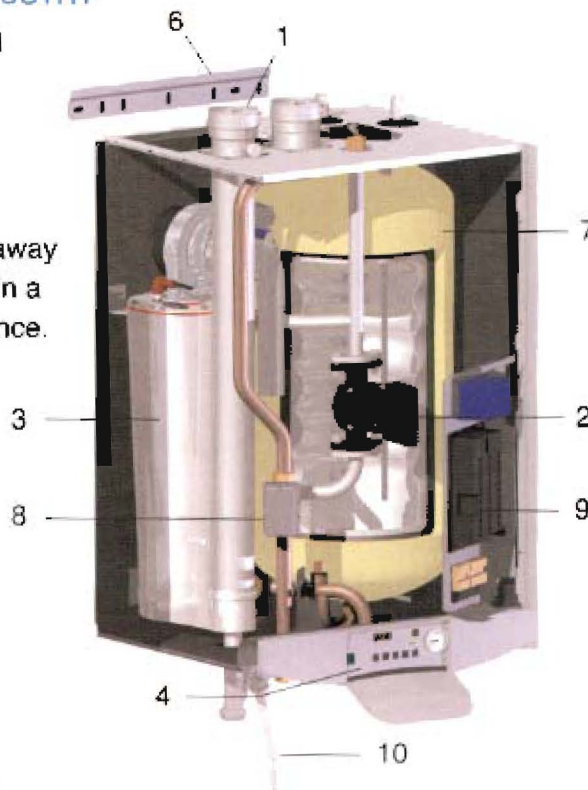
- Ideal for small zones without short cycling
- Stable temperature control
- Low pressure drop
- Less sensitive to water flow

SELF CLEANING /SELF DESCALING

Condensate washes combustion residue away when streaming down the tubes resulting in a constant efficiency and reduced maintenance.

Legend

- 3" Flue connection - 1
- 3 Speed System Circulator - 2
- ASME Stainless steel heat exchanger - 3
- Control panel with digital display - 4
- Stainless steel premix gas burner - 5
- Wall bracket - 6
- Insulated "tank-in-tank" water heater - 7
- 3-way valve - 8
- Honeywell MCBA control on swing door - 9
- Condensate Drain Assembly - 10



Available with optional
wall kit or floor stand



Triangle Tube
Hot Water Specialists

1 Triangle Lane - Blackwood, NJ 08012

E-mail: sales@triangletube - www.triangletube.com

Tel: (856) 228 8881

Fax: (856) 228 3584

Member of





• ventilation • air conditioning • programmable thermostats •

February 25, 2011

To Whom It May Concern:

This letter is written to confirm that the gas fired hot water boiler and the split cooling systems installed at 32 Pleasant Street Portland, Maine was installed per State, Local, IBC, ASHRAE standards.

Sheetrock duct enclosures and power wiring was done by others.

Steve Higgins
Vice President
HVAC Services, Inc.

73 BRADLEY DRIVE • WESTBROOK, ME 04092
(207) 854-4822 (HVAC) • Fax: (207) 854-0775

• 24 hour service • air quality • heating