

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



CITY OF PORTLAND BUILDING PERMIT

PERMIT ISSUED

MAR 18 2011

This is to certify that RUSSELLB PIERCE

Located At 51 OVERSET

Job ID: 2011-02-426-HVAC

CBL: 393 - - F - 033 - 001 - - - City of Portland

has permission to Heating Sytem for Single Family

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 CAR

City of Portland, Maine - Building or Use Permit Application

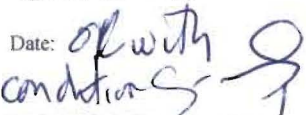

389 Congress Street, 04101 Tel: (207) 874-8703, FAX: (207) 8716

PERMIT ISSUED

MAR 18 2011

Job No: 2011-02-426-HVAC	Date Applied: 2/15/2011	CBL: 393 - - F - 033 - 001 - - - -	
Location of Construction: 51 OVERSET RD	Owner Name: RUSSELL B PIERCE	Owner Address: 51 OVERSET RD PORTLAND, ME - MAINE 04103	Phone: City of Portland
Business Name:	Contractor Name: ENERGY, REVISION	Contractor Address: 142 Presumpscot St, Portland, ME 04103	Phone: 221-6342
Lessee/Buyer's Name:	Phone:	Permit Type: HVAC - HVAC	Zone: R-2
Past Use: Single Family Dwelling	Proposed Use: Same: Single Family dwelling - to replace gas heating system	Cost of Work: 9000.000000	CEO District:
		Fire Dept: <input type="checkbox"/> Approved <input type="checkbox"/> Denied <input type="checkbox"/> N/A	Inspection: Use Group: Type:
		Signature: 	Signature: 
Proposed Project Description: 51 Oversight St. / HVAC		Pedestrian Activities District (P.A.D.)	
Permit Taken By:		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 informatin 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 Dist or Landmark
<input type="checkbox"/> Wetlands	<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
<input type="checkbox"/> Maj <input type="checkbox"/> Mir <input type="checkbox"/> MM	<input type="checkbox"/> Denied	<input type="checkbox"/> Denied
Date: <i>of with conditions</i> 	Date:	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 appication 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

Job Summary Report
Job ID: 2011-02-426-HVAC

Report generated on Feb 15, 2011 11:52:41 AM

Page 1

Job Type:	HVAC	Job Description:	51 Oversight St. / HVAC	Job Year:	2011
Building Job Status Code:	Initiate Plan Review	Pin Value:	663	Tenant Name:	
Job Application Date:		Public Building Flag:	N	Tenant Number:	
Estimated Value:	9,000	Square Footage:			
Related Parties:		RUSSELL PIERCE		<i>Property Owner</i>	
		REVISION ENERGY		<i>ELECTRICAL CONTRACTOR</i>	

Job Charges

Fee Code Description	Charge Amount	Permit Charge Adjustment	Net Charge Amount	Payment Date	Receipt Number	Payment Amount	Payment Adjustment Amount	Net Payment Amount	Outstanding Balance
----------------------	---------------	--------------------------	-------------------	--------------	----------------	----------------	---------------------------	--------------------	---------------------

Location ID: 40328

Location Details

Alternate Id	Parcel Number	Census Tract	GIS X	GIS Y	GIS Z	GIS Reference	Longitude	Latitude
P21689	393 F 033 001		M				-70.28194	43.719339

Location Type	Subdivision Code	Subdivision Sub Code	Related Persons	Address(es)
1				51 OVERSET ROAD EAST

Location Use Code	Variance Code	Use Zone Code	Fire Zone Code	Inside Outside Code	District Code	General Location Code	Inspection Area Code	Jurisdiction Code
SINGLE FAMILY		NOT APPLICABLE					DISTRICT 8	NORTH DEERING

Structure Details

Structure: Install gas Prestige gas bioler in the basement

Occupancy Type Code:

Structure Type Code	Structure Status Type	Square Footage	Estimated Value	Address
Single Family	0			51 OVERSET ROAD EAST

Longitude	Latitude	GIS X	GIS Y	GIS Z	GIS Reference	User Defined Property	Value

Permit #: 20111291

Permit Data

Location Id	Structure Description	Permit Status	Permit Description	Issue Date	Reissue Date	Expiration Date
40328	Location Permit	Initialized	Heating Sytem for Single Family			

Job Summary Report
Job ID: 2011-02-426-HVAC

Report generated on Feb 15, 2011 11:52:41 AM

Page 2

Inspection Details								
Inspection Id	Inspection Type	Inspection Result Status	Inspection Status Date	Scheduled Start Timestamp	Result Status Date	Final Inspection Flag		
Fees Details								
Fee Code Description	Charge Amount	Permit Charge Adjustment	Permit Charge Adj Remark	Payment Date	Receipt Number	Payment Amount	Payment Adjustment Amount	Payment Adj Comment
HVAC Permit Fee	\$110.00							



PORTLAND MAINE

Strengthening a Remarkable City, Building a Community for Life • www.portlandmaine.gov

Director of Planning and Urban Development
Penny St. Louis

Job ID: 2011-02-426-HVAC

Located At: 51 OVERSET

CBL: 393 - - F - 033 - 001 - - - -

Conditions of Approval:

Fire

1. This permit is being approved on the basis of plans submitted. Any deviations shall require a separate approval before starting that work.
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 single family dwelling. Any change of use shall require a separate permit application for review and approval.
4. Separate permits shall be required for future decks, sheds, pools, and/or garages.

BUILDING PERMIT INSPECTION PROCEDURES

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

or email: buildinginspections@portlandmaine.gov

PERMIT ISSUED

MAR 18 2011

City of Portland

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.**

1. Final - Residential

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

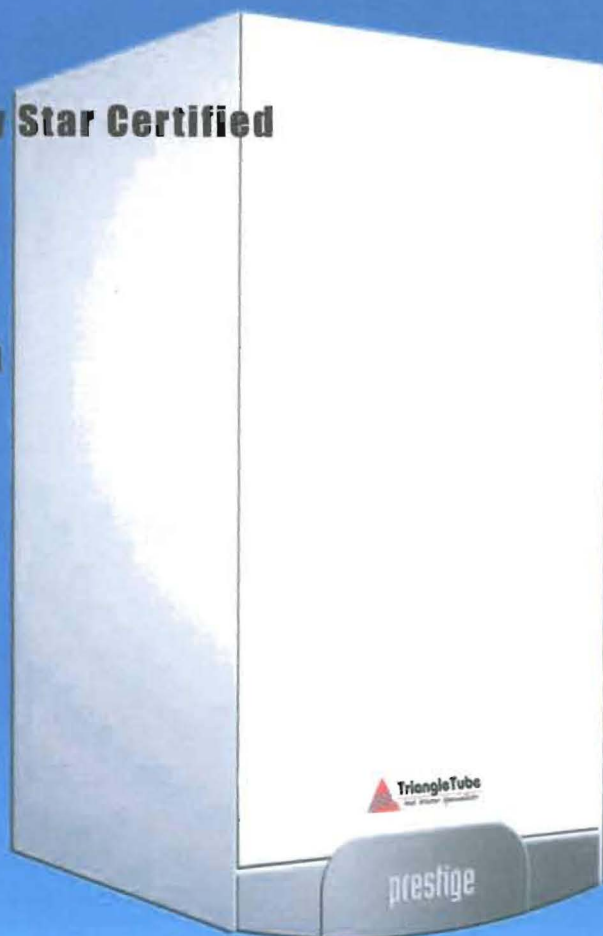
IF THE PERMIT REQUIRES A CERTIFICATE OF OCCUPANCY, IT MUST BE PAID FOR AND ISSUED TO THE OWNER OR DESIGNEE BEFORE THE SPACE MAY BE OCCUPIED.

prestige

Now Available in 4 Models
Up to 399,000 Btu/Hr

Condensing High Efficiency Stainless Steel Wall Mounted Gas Boiler

- ✓ All Models are 95% AFUE - Energy Star Certified
- ✓ Fully Modulating
- ✓ Digital Display
- ✓ Direct Vent / Sealed Combustion
- ✓ Minimal Space Requirements
- ✓ Natural Gas or Propane
- ✓ Low NOx
- ✓ Higher Water Volume than Competitive Units
- ✓ Low Pressure Drop
- ✓ Quiet Operation



Comfortable Space Heating at the Lowest Possible Operating Cost



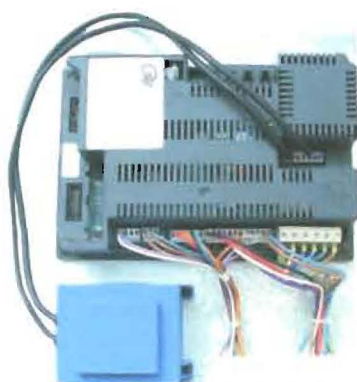
TriangleTube
Hot Water Specialists



prestige



MCBA Control



The Prestige uses a microprocessor electronic control module that automatically adjusts blower speed and gas flow rate to modulate boiler firing rate to closely match boiler output for space heating or DHW heating demand. The module responds to signals from the room thermostat, supply and return water temperature sensors, flue temperature sensor, domestic hot water aquastat and outdoor temperature sensor.

- | | |
|---|-------------------------------------|
| ✓ | Digital display module |
| ✓ | Ignition control |
| ✓ | Operating control |
| ✓ | High temperature limit protection |
| ✓ | Modulating temperature control |
| ✓ | Low water protection |
| ✓ | Outdoor reset |
| ✓ | Domestic hot water priority |
| ✓ | Two pump controls (Heating and DHW) |
| ✓ | Boiler freeze protection |

Stainless Steel Premix Burner Assembly

High grade stainless steel burner uses pre-mixed air and gas providing a 25% to 100% modulating firing rate. The Prestige burner features a long life, quiet operation, reliable spark ignition, and clean combustion for low NOx applications.

The blower, gas valve and venturi provide the proper gas and air mixture for precise combustion. The blower pulls in air and gas through the venturi. The air and gas mix inside the blower and are pushed into the burner for combustion. The gas valve senses suction from the blower and allows gas to flow only if combustion air is flowing and proper combustion is achieved.



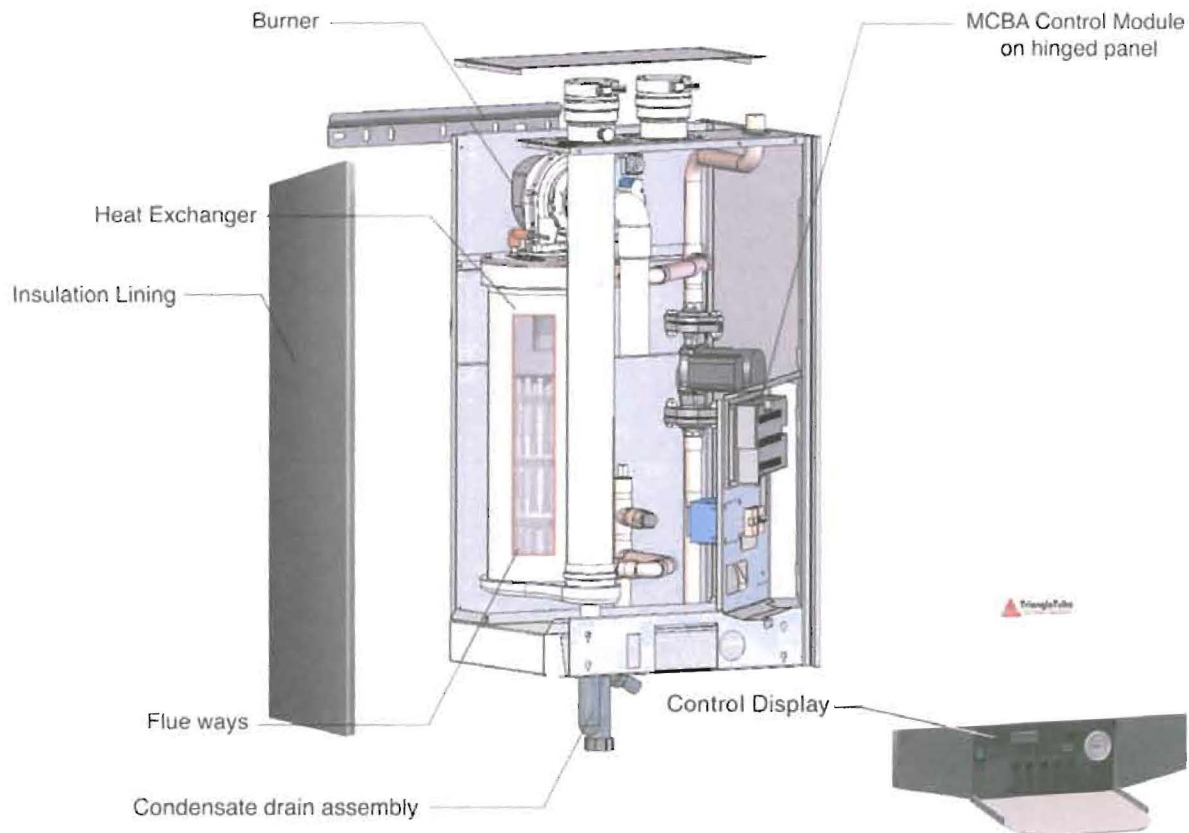
Control Panel with Digital Display



A 4-digit user's Interface Module is provided to display system operating status and fully adjustable parameter values as well as diagnostic codes for easy troubleshooting and optimum system performance.

prestige

Prestige Solo 110 Exploded View



The components of the Prestige are easily accessible for serviceability.

The Solo 175, 250 & 399 are shipped less the circulator.

Stainless Steel Heat Exchanger

A unique, highly efficient heat exchanger is at the heart of the Prestige.



- ✓ Unique geometry: 3 consecutive baffles direct water flow through the exchanger and around the combustion chamber.
- ✓ Highest water content in the industry
 - Stable temperature control
 - Less sensitive to water flow
- ✓ 439 Grade Stainless Steel. Unparalleled resistance to corrosion
- ✓ Less sensitive to sludge
- ✓ Self cleaning: condensate washes combustion residue away when streaming down the tubes resulting in a constant efficiency and reduced maintenance.
- ✓ Low pressure drop

Performance Specifications

Model	Fuel	Input Modulation MBH	AFUE	DOE Heating Capacity MBH	NET I=B+R MBH	Water Volume Gal.
Solo 110	Natural Gas	30 to 110	95%	103	88	2.5
Solo 110 LP	Propane Gas	30 to 100	95%	93	79	2.5
Solo 175	Natural or Propane	50 to 170	95%	157	134	4.6
Solo 250	Natural or Propane	65 to 245	95%	226	192	4.1
Solo 399	Natural or Propane	112 to 399	95.1 %*	379	325	7

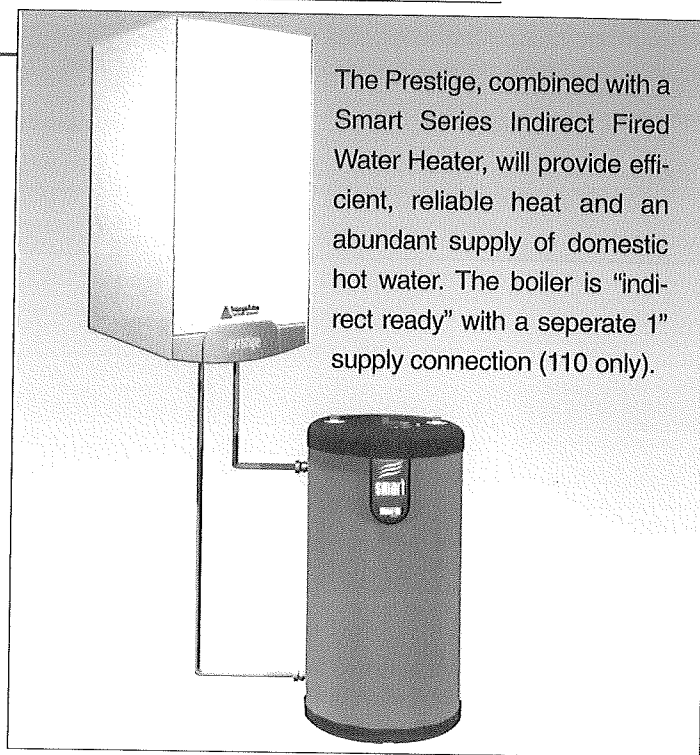
*Thermal Efficiency

Connections / Dimensions / Data

Model	Fuel	Supply / Return Connections	Gas Connection	Vent/Air Diameter	Dimensions D x W x H	Weight Lbs
Solo 110	Natural Gas/ Propane	1"	1/2"	3"	16"x 20" x 35 1/2"	106
Solo 175	Natural Gas/ Propane	1 1/4"	3/4"	3"	16"x 20" x 35 1/2"	131
Solo 250	Natural Gas/ Propane	1 1/4"	3/4"	3" or 4"	16"x 20" x 35 1/2"	142
Solo 399	Natural Gas/ Propane	1 1/2"	1"	4"	21 1/8"x 24 3/4" x 37 1/2"	200

Standard Features

- ☑ Limited 10 year warranty
- ☑ Stainless steel heat exchanger
- ☑ Outdoor temperature sensor
- ☑ Stainless steel burner
- ☑ Negative pressure gas valve
- ☑ 30 psi relief valve
- ☑ Flanged Grundfos 3-speed UP15-58 system circulator (110 only)
- ☑ Drain valve
- ☑ Pressure gauge
- ☑ Condensate drain assembly
- ☑ 24 V terminal strip with removable jumpers for manual reset or automatic reset of external controls
- ☑ NTC temperature sensors on the boiler supply/return and flue



Optional Equipment

- Floor Stand • Wall Kit (399) • Condensate Neutralizer Kit
- Concentric Vent Kit • 5 and 10 Year Parts and Labor Plans

Triangle Tube reserves the right to make product changes or improvements at any time without notice.



TriangleTube
Hot Water Specialists

Freeway Center - 1 Triangle Lane Blackwood, NJ 08012

Tel: (856) 228 8881- Fax: (856) 228 3584

E-mail: info@triangletube.com - <http://www.triangletube.com>

Member of





FILL IN AND SIGN WITH INK

APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT

393 F033

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 51 Overset Road Use of Building _____ Date 1/17/2011
Name and address of owner of appliance Russ & Lisa Pierce

Installer's name and address Revision Energy
142 Presumpscot St Portland, ME 04103 Telephone (207) 221-6342

Location of appliance:

- ☒ Basement ☐ Floor
☐ Attic ☐ Roof

Type of Fuel:

- ☒ Gas ☐ Oil ☐ Solid

Appliance Name:Prestige SoloU.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 # PNT 6030
☐ Other _____

Type of Chimney:

- ☐ Masonry Lined
Factory built _____
☐ Metal
Factory Built U.L. Listing # _____
☒ Direct Vent
Type Schedule 40 pvc UL# _____

Type of Fuel Tank

- ☐ Oil
☒ Gas

Size of Tank By othersNumber of Tanks 2Distance from Tank to Center of Flame 20+ feet.Cost of Work: \$ 8,966Permit Fee: \$ 110.00**Approved**

Fire: _____

Ele.: _____

Bldg.: _____

Approved with Conditions

- ☐ See attached letter or requirement

Inspector's Signature _____

Date Approved _____

Signature of Installer D. O. M. L. U.

White - Inspection

Yellow - File

Pink - Applicant's

Gold - Assessor's Copy