

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

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

PERMIT ISSUED

Job No: 2011-03-577-HVAC	Date Applied: 3/11/2011	CBL: 051 - - D - 005 - 001 - - - -	
Location of Construction: 192 DEERING AVE	Owner Name: MARK W KULPER	Owner Address: 192 DEERING AVE PORTLAND, ME - MAINE 04102	Phone:  City of Portland
Business Name:	Contractor Name: DOWNEAST, ENERGY CO	Contractor Address: PO BOX 250 BRUNSWICKMAINE04011	Phone:
Lessee/Buyer's Name:	Phone:	Permit Type: HVAC - HVAC	Zone:  R-5
Past Use:  Two Family Dwelling	Proposed Use: SAME: Two Family Dwelling -To replace heating system Temporary Rinnai HTR 1 LP Tank	Cost of Work: 1000.00	CEO District:
		Fire Dept:  <input type="checkbox"/> Approved <input checked="" type="checkbox"/> Denied <input type="checkbox"/> N/A	Inspection: Use Group: R3 Type: HVAC LP tank NFA 54+58 Signature: JMB
Proposed Project Description: 192 Deering Ave - to replace heating system (temporary)		Pedestrian Activities District (P.A.D.)  3/11/11	
Permit Taken By: Lannie		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

- ☐ Shoreland  
☐ Wetlands  
☐ Flood Zone  
☐ Subdivision  
☐ Site Plan

— Maj — Min — MM

Date:

3/11/11

## Zoning Appeal

- ☐ Variance  
☐ Miscellaneous  
☐ Conditional Use  
☐ Interpretation  
☐ Approved  
☐ Denied

Date:

## Historic Preservation

- ☒ Not in Dist or Landmark  
☐ Does not Require Review  
☐ Requires Review  
☐ Approved  
☐ Approved w/Conditions  
☐ Denied

Date:

9

## 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

PERMIT ISSUED

MAR 11 2011

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 SI-D.S. Use of Building 2 Family Date 3/11/2011  
Name and address of owner of appliance Mark Kulber 192 Deering Ave  
Portland  
Installer's name and address Days East Energy 122 Main St  
South Portland Telephone 799-5585

**Location of appliance:**

- ☐ Basement ☐ Floor  
☐ Attic ☐ Roof

**Type of Fuel:**

- ☒ Gas ☐ Oil ☐ Solid

**Appliance Name:**U.L. Approved ☒ Yes ☐ NoWill 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 1665  
☐ Other \_\_\_\_\_

**Type of Chimney:**

- ☐ Masonry Lined  
Factory built \_\_\_\_\_

- ☐ Metal  
Factory Built U.L. Listing # \_\_\_\_\_

- ☒ Direct Vent  
Type Rinnai 5 tankless UL# \_\_\_\_\_

**Type of Fuel Tank**

- ☐ Oil  
☒ Gas

Size of Tank 12cNumber of Tanks 1Distance from Tank to Center of Flame 20 feet.Cost of Work: \$ 200.00

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

**Approved**

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

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

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

**Approved with Conditions**

- ☐ See attached letter or requirement

Signature of Installer The Landolt

Inspector's Signature \_\_\_\_\_

Date Approved \_\_\_\_\_

White - Inspection

Yellow - File

Pink - Applicant's

Gold - Assessor's Copy

## BUILDING PERMIT INSPECTION PROCEDURES

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

or email: [buildinginspections@portlandmaine.gov](mailto: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.**

### 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.





# PORTLAND MAINE

*Strengthening a Remarkable City, Building a Community for Life* • [www.portlandmaine.gov](http://www.portlandmaine.gov)

Director of Planning and Urban Development  
Penny St. Louis

Job ID: 2011-03-577-HVAC

Located At: 192 DEERING

CBL: 051 - - D - 005 - 001 - - - -

## **Conditions of Approval:**

### **Building**

1. Separate permits are required for any electrical, plumbing, sprinkler, fire alarm, HVAC systems, heating appliances, commercial hood exhaust systems and fuel tanks. Separate plans may need to be submitted for approval as a part of this process
2. Tanks shall be installed per NFPA 58.
3. The appliance and venting shall be installed in accordance with the UL listing, and NFPA 54

PERMIT ISSUED  
MAR 11 2011  
City of Portland

**Job Summary Report**  
**Job ID: 2011-03-577-HVAC**

Report generated on Mar 11, 2011 11:56:26 AM

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<b>Job Type:</b>	HVAC	<b>Job Description:</b>	192 Deering Ave	<b>Job Year:</b>	2011
<b>Building Job Status Code:</b>	Initiate Plan Review	<b>Pin Value:</b>	853	<b>Tenant Name:</b>	
<b>Job Application Date:</b>		<b>Public Building Flag:</b>	N	<b>Tenant Number:</b>	
<b>Estimated Value:</b>	1,000	<b>Square Footage:</b>			
<b>Related Parties:</b>		MARK KULPER		<i>Property Owner</i>	
		Downeast Energy - ENERGY DOWNEAST		<i>GENERAL 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
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**Location ID: 7928**

**Location Details**

Alternate Id	Parcel Number	Census Tract	GIS X	GIS Y	GIS Z	GIS Reference	Longitude	Latitude
D32890	051 D 005 001		M				-70.276909	43.659653

Location Type	Subdivision Code	Subdivision Sub Code	Related Persons	Address(es)
1				192 DEERING AVENUE NORTH

Location Use Code	Variance Code	Use Zone Code	Fire Zone Code	Inside Outside Code	District Code	General Location Code	Inspection Area Code	Jurisdiction Code
TWO FAMILY		NOT APPLICABLE					DISTRICT 6	OAKDALE

**Structure Details**

**Structure: Duplex**

**Occupancy Type Code:**

Structure Type Code	Structure Status Type	Square Footage	Estimated Value	Address
Two Family Dwelling	0			192 DEERING AVENUE NORTH

Longitude	Latitude	GIS X	GIS Y	GIS Z	GIS Reference	User Defined Property	Value
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**Permit #: 20111809**

**Permit Data**

Location Id	Structure Description	Permit Status	Permit Description	Issue Date	Reissue Date	Expiration Date
7928	Duplex	Initialized	install Rinnai for Temp Heat			

*limited*

*Not in Queue*

**Job Summary Report**  
**Job ID: 2011-03-577-HVAC**

Report generated on Mar 11, 2011 11:56:26 AM

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**Inspection Details**

Inspection Id	Inspection Type	Inspection Result Status	Inspection Status Date	Scheduled Start Timestamp	Result Status Date	Final Inspection Flag
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**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
Job Valuation Fees	\$30.00							
Tanks Under 300	\$30.00							



## 431FAIII

Type of Appliance	Direct vent wall furnace suitable for homes, apartments, and condominiums; modular/mobile home approved; forced combustion, forced convection	
Rinnai Model Number	RHFE-431FAIII-N (Natural gas)	RHFE-431FAIII-P (Propane)
Gas Rate Input (BTU/hour)	Low - 8,200 High - 16,700	Low - 8,200 High - 16,700
Gas Rate Output (BTU/hour)	Low - 6,640 High - 13,400	Low - 6,640 High - 13,400
AFUE Rating	80.8%	81.0%
Minimum Gas Supply Pressure	3.5 in (89 mm) W.C.	8 in (203 mm) W.C.
Maximum Gas Supply Pressure	10.5 in (267 mm) W.C.	13 in (330 mm) W.C.
Electrical Connection	AC 120V, 60 Hz, 40 watts	
Gas Connection	1/2 inch FNPT	
Combustion System	Stainless steel inshot burners	
Ignition System	Direct spark	
Fan CFM Output:	Low: 110.5	High: 141.3
Temperature Settings	Low (LO): minimum combustion 60° - 80° F in 4° increments High (HI): maximum combustion	
Temperature Control	Electronic thermostat	
Humidifier Tray	Enameled tray with capacity of 3 pints (1.3 liters)	
Weight	Approximately 51 lbs (23 kg)	
Clearance from Combustibles	Side: 2 inches (50 mm) Front: 40 inches (1 m)	Top: 10 inches (250 mm)
Noise Level	32 - 38 dB(A)	
Warm Air Outlet	Bottom front louvers	

### FEATURES

Linear function modulation:	provides precise gas flow
Negative coefficient thermistor:	detects temperature change in 1/2 of a degree
Variable speed inducer motor :	monitors and controls combustion fan
Quiet operation:	reduces noise through use of swept blades in convection fan; and through the design of the combustion chamber and heat exchanger which silently expand or contract due to temperature changes
Self diagnostic electronics:	continually monitors functions; provides auto shutdown codes; indicates when air filter needs cleaning



### Safety Devices

- Flame rod detects flame failure; results in auto shutdown to prevent escape of gas
- Bi-metal switch, thermal fuse, and thermistor detect overheat condition; results in auto shutdown
- 3 amp fuse protects against power surge; results in auto shutdown
- Abnormal spark at time of ignition results in auto shutdown
- Combustion fan purges any gas from the combustion chamber before ignition
- Convection fan continues to run after burner shutdown to cool internal parts
- Function lock prevents inadvertent operation
- Appliance shuts down if room reaches 104° F (40° C)

### Venting

#### Maximum Vent Length

concentric; 3 1/8 inch (80 mm) wall hole

13 feet (4 m) with a maximum of 2 bends; maximum 8 feet (2.4 m) vertically

#### Wall Thickness and Flue Manifold Kits

(the "A" vent kit is included with the appliance)

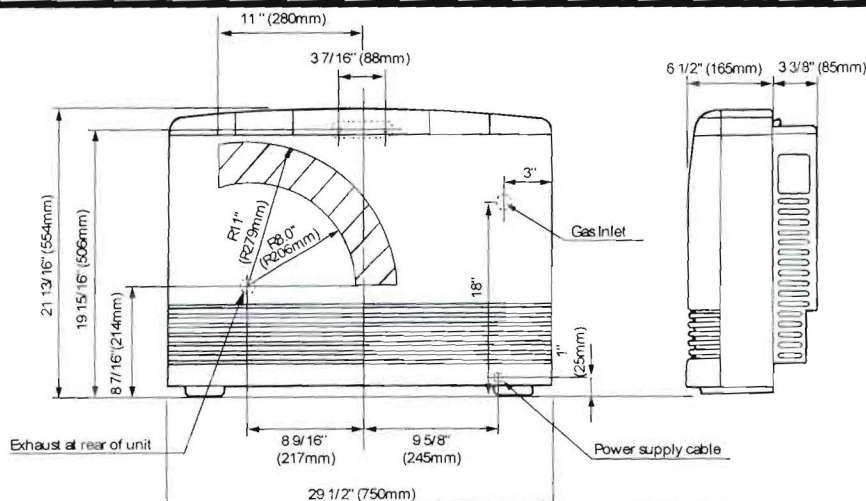
Name	Kit No.	fits walls
S Vent Kit	FOT-150	3 - 4 1/2 in (75 - 115 mm)
A Vent Kit	FOT-151	4 1/2 - 9 1/2 in (115 - 240 mm)
B Vent Kit	FOT-152	9 1/2 - 15 3/4 in (240 - 400mm)
C Vent Kit	FOT-153	15 3/4 - 23 5/8 in (400 - 600 mm)
D Vent Kit	FOT-154	23 5/8 - 31 1/2 in (600 - 800 mm)

### Warranty

Labor: 2 years; Parts: 5 years; Heat Exchanger: 10 years with years 6-10 prorated

*Rinnai is continually updating and improving products; therefore, specifications are subject to change without prior notice. Local, state, provincial and federal codes must be adhered to prior to installation.*

### DIMENSIONS



Assessor's Office | 389 Congress Street | Portland, Maine 04101 | Room 115 | (207) 874-8486

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**Current Owner Information:****Services**

## Applications

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## Maps

## Tax Relief

## Tax Roll

## Q &amp; A

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## browse facts and links a-z



Best viewed at  
800x600, with  
Internet Explorer

**CBL** 051 D005001  
**Land Use Type** TWO FAMILY  
**Property Location** 192 DEERING AVE  
**Owner Information** KULPER MARK W  
 192 DEERING AVE  
 PORTLAND ME 04102  
**Book and Page** 22920/156  
**Legal Description** 51-D-5  
 DEERING AVE 188-192  
 WASHBURN AVE E 51-57  
 7000 SF  
**Acres** 0.161

**Current Assessed Valuation:**

**TAX ACCT NO.** 7928 **OWNER OF RECORD AS OF APRIL 2010**  
 KULPER MARK W  
**LAND VALUE** \$88,500.00 192 DEERING AVE  
**BUILDING VALUE** \$316,600.00 PORTLAND ME 04102  
**NET TAXABLE - REAL ESTATE** \$405,100.00  
**TAX AMOUNT** \$7,259.40

Any information concerning tax payments should be directed to the Treasury office at 874-8490 or [e-mailed](#).

**Building Information:**

Card 1 of 1

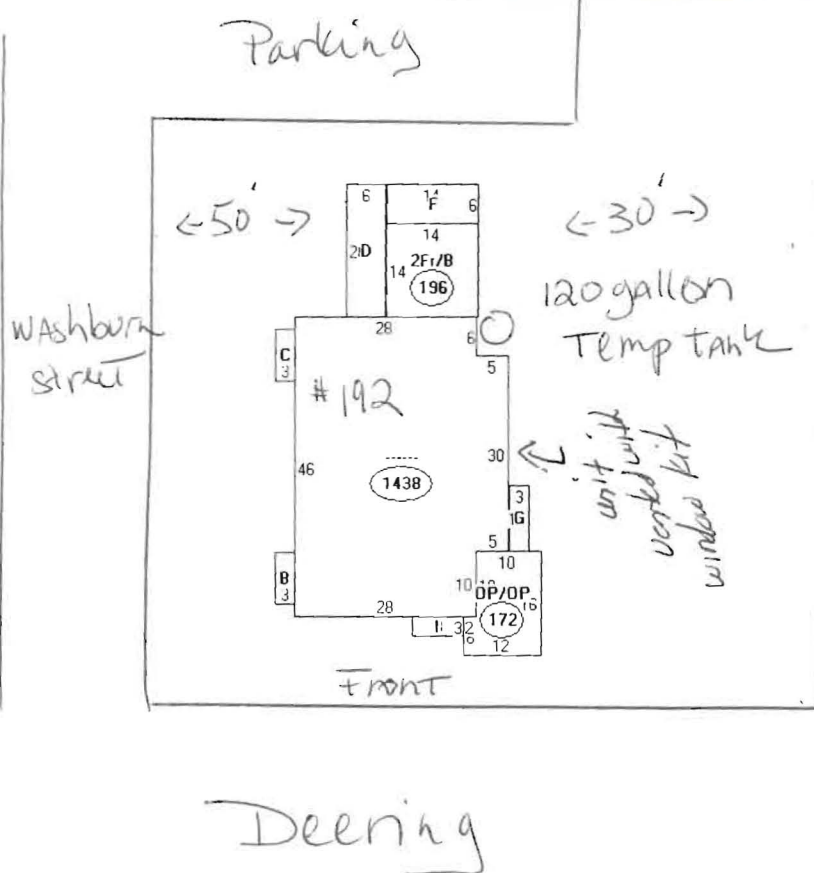
**Year Built** 1905  
**Style/Structure Type** OLD STYLE  
**# Stories** 2  
**Bedrooms** 8  
**Full Baths** 3  
**Total Rooms** 18  
**Attic** FULL FINSH  
**Basement** FULL  
**Square Feet** 4185

[View Sketch](#)[View Map](#)[View Picture](#)**Sales Information:**

Sale Date	Type	Price	Book/Page
7/21/2005	LAND + BUILDING	\$575,000.00	22920/156
4/21/2005	LAND + BUILDING	\$396,000.00	22546/228
8/23/2004	LAND + BUILDING	\$410,000.00	21692/22
8/1/2003	LAND + BUILDING	\$410,000.00	20029/202
3/18/2002	LAND + BUILDING	\$289,000.00	17429/163
5/1/1998	LAND + BUILDING	\$220,000.00	13826/39
9/1/1989	LAND + BUILDING	\$205,000.00	/

[New Search!](#)

RECEIVED  
 MAR 11 2011  
 Dept. of Building Inspections  
 City of Portland Maine



Descriptor/Area

- A: .....  
1438 sqft
- B: 2FBAY/B  
24 sqft
- C: 2FBAY/B  
24 sqft
- D: OP/OP  
120 sqft
- E: 2Fr/B  
196 sqft
- F: 2Fr  
84 sqft
- G: 1Fr/B  
30 sqft
- H: OP/OP  
172 sqft
- I: 2FBAY/B  
24 sqft