# DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



# CITY OF PORTLAND



This is to certify that OLD, PORT RETAIL HOLDINGS LLCPORT RETAIL HOLDINGS LLC OLD Located At 436 FORE

CBL: 032 - - R - 007 - 001 - - - - -

Job 1D: 2011-07-1622-HVAC

has permission to Install Air Handler on Roof

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





# Address 12 Union Street

Address is approximate







# Address 445 Fore Street

Address is approximate

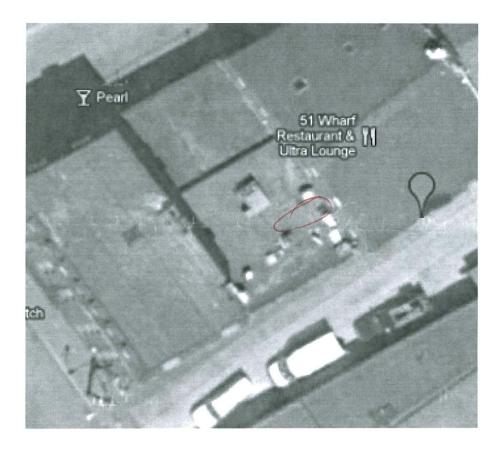




# portland maine map - Google Maps

# Page 1 of 1









# 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: 2011-07-1622-HVAC

Located At: 436 FORE

CBL: <u>032 - - R - 007 - 001 - - - - -</u>

# **Conditions of Approval:**

### Zoning

- 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 restaurant/bar on the 1<sup>st</sup> & 2<sup>nd</sup> floors with 1 dwelling unit on the 3<sup>rd</sup> floor and 1 dwelling unit on the 4<sup>th</sup> floor (for a total of 2 res. dwelling units). Any change of use shall require a separate permit application for review and approval.
- 4. The new unit shall not exceed the maximum allowable decibels for the B-3 Zone. Any noise complaints that are verified shall necessitate mitigation for the unit to decrease the sound levels.

### Fire

Installation shall comply with City Code Chapter 10.

Installation shall comply with NFPA 90A, *Standard for the Installation of Air-Conditioning and Ventilating Systems*; 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: 2011-07-1622-HVAC	Date Applied: 7/6/2011		CBL: 032 R - 007 - 00	1			
Location of Construction: called 51 WHARF STREET	OLD PORT RETAIL HOLDINGS		Owner Address: 101 RICHARDSON ST BROOKLYN, NY - NEW YORK 11211			Phone:	
Business Name:	Contractor Name: Thomas Smar @ Coastlin LLC	ae Air Mech.	Contractor Addr P.O. Box 125 WE	ess: STBROOK MAINE 040	998	Phone: (207) 232-0113	
Lessee/Buyer's Name:	Phone:		Permit Type: HVAC			Zone: B-3	
Past Use: 1 <sup>st</sup> & 2 <sup>nd</sup> floors	Proposed Use: Same: 1 <sup>st</sup> & 2 <sup>nd</sup> floor	a	Cost of Work: \$7,000.00			CEO District:	
restaurant/bar with 1 dwelling unit on 3 <sup>rd</sup> floor and 1 dwelling unit on 4 <sup>th</sup> floor	restaurant/bar with unit on 3 <sup>rd</sup> floor and dwelling unit on 4 <sup>th</sup> f install Air Handler c on roof	1 dwelling 1 Noor – to	Fire Dept: Signature:	Approved w( a Denied N/A N/A	sonditions	Inspection: Use Group: Type: Control of the second	
Proposed Project Description install a Airhandler Rooftop unit	:		Pedestrian Activ	ities District (P.A.D.	)	(A)	
Permit Taken By: Lannie				Zoning Approv	al		
<ol> <li>This permit application d Applicant(s) from meetin Federal Rules.</li> <li>Building Permits do not i septic or electrial work.</li> <li>Building permits are void within six (6) months of False informatin may inv permit and stop all work.</li> </ol>	g applicable State and nclude plumbing, l if work is not started the date of issuance. alidate a building	Shorelan Wetlands Flood Zc Subdivis Site Plan	s one ion	Zoning Appeal          Zoning Appeal         Variance         Miscellaneous         Conditional Use         Interpretation         Approved         Denied         Date:	Not in Dis Does not Requires		

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.

CERTIFICATION

SIGNATURE OF APPLICANT	ADDRESS	DATE	PHONE



# CITY OF PORTLAND, MAINE

**Department of Building Inspections** 

# **Original Receipt**

2	20 //
Received from Location of Work	51 Whend St Roda Nay t-
Cost of Construction	\$Building Fee:
Permit Fee	\$ Site Fee:
	Certificate of Occupancy Fee:
	Total:
Building (IL) Plum Other CBL:	bing (15) Electrical (12) Site Plan (U2)
Check #://30	Total Collected s 90

"There's and

150

1200

APPLICATION	
accordance with the Laws of Maine, the Building Code of the Location / CBL <u>51 Wharf Street</u> , Portland, MU Name and address of owner of appliance <u>32-R-7-</u>	4 × B-3 all the following heating, cooking or power equipment in the City of Portland, and the following specifications: Use of Building Restant BA Date June 7/2011 The Date June 7/2011 The Date June 7/2011 The Son 3 <sup>rd</sup> i Vesant 7 Mech LLC, DO BOX 125 Telephone 232-0113 Tom S.
Location of appliance: Basement Attic Attic Attic Attic Attic ACONLANCA ACONL	Type of Chimney:   Masonry Lined   Factory built     Metal   Metal   Factory Built U.L. Listing #
The Type of License of Installer: Master Plumber # Solid Fuel # Oil # $V ON fill Gas # N f 2Gn 6N - file Other Ref Right with hole on file$	Number of Tanks     Distance from Pank to Center of Flame       Distance from Pank to Center of Flame
Approved         Fire:	Approved with Conditions         Image: See attached letter or requirement         Inspector's Signature         Date Approved         Image: Date Applicant's         Gold - Assessor's Copy

FILL IN AND S	Sign with Ink
0.43 53 4	FOR PERMIT WER EQUIPMENT
accordance with the Laws of Maine, the Building Code of the Location / CBL	Use of Building Restant/BK Date Jun 912 Mech LLC, PO Box 1257
Location of appliance:	Telephone 232-0113 Tom S
Basement     Attic     Attic     Roof Condrusa	Masonry Lined     Factory built
Type of Fuel: Gas Oil Solid	Metal     Factory Built U.L. Listing #
Appliance Name: Ork A/LONLY U.L. Approved Yes No 4-TON, Hinh at	Direct Vent N/A Type UL#
Will appliance be installed in accordance with the manufacture's installation instructions? I Yes I No	Type of Fuel Tank Gas
IF <u>NO</u> Explain:	Size of Tank
The Type of License of Installer: <ul> <li>Master Plumber #</li> </ul>	Number of Tanks
<ul> <li>Solid Fuel #</li> <li>Oil # ON full</li> <li>Gas # Gas // ON full</li> <li>Other Refine full contact</li> </ul>	Distance from Tank to Center of Flame feet. Cost of Work: <u>\$</u> Permit Fee: <u>\$</u> Distance from Tank to Center of Flame feet. Distance fee
Approved Fire:	Approved with Conditions See attached letter or requirement
Ele.:Bldg.:	Inspector's Signature Date Approved



FILL IN AND SIGN WITH INK

# APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT

То	the	INSPECTOR	OF B	UILDINGS,	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 Whart Stred, Portland, MB	Use of Building Raturnet/Br Date June 912
Name and address of owner of appliance	
Installer's name and address	
Location of appliance:   Basement  Kitc  Koof  Attic  Attic A	Type of Chimney:  Masonry Lined Factory built
Type of Fuel: Gas Oil Solid	Metal     Factory Built U.L. Listing #
Appliance Name:U.L. Approved   Yes   No	Direct Vent     Type UL#
Will appliance be installed in accordance with the manufacture's installation instructions?  Yes  No IF <u>NO</u> Explain:	Type of Fuel Tank Gas
The Type of License of Installer:	Size of Tank
<ul> <li>Master Plumber #</li> <li>Solid Fuel #</li> <li>Oil #</li> <li>Gas #</li> <li>Other</li> </ul>	Distance from Tank to Center of Flame feet. Cost of Work: \$ Permit Fee: \$
Approved Fire: Ele.:	Approved with Conditions See attached letter or requirement
Bldg.:	Inspector's Signature Date Approved

### HELEN WATTS ENGINEERING

435 Litchfield Road Bowdoin, ME 04297 + 1207, 449-6807 - fax (207, 666-39 bowatts@gwi.net Phone: (207) 522-9366

May 21, 2010

Mr. Tanner Herget 51 Wharf Restaurant & Ultra Lounge 51 Wharf Street Portland, ME 04101

Re: Structural Evaluation, HVAC Equipment, 51 Wharf St. Portland, ME HWE P/N 10-025

Dear Tanner:

At your request. I inspected the visible structural framing of the roof of the Pearl Martini & Wine Lounge, where you will be installing some mechanical equipment for your restaurant below, at 51 Wharf Street in Portland, Maine. The purpose of this inspection is to determine if the framing is adequate to support the new equipment. Access was provided by the manager of the Pearl Martini & Wine Lounge. The applicable code for the City of Portland, Maine Code of Ordinances, which is based on the 2003 IBC. The roofing was not inspected.

The building is a one-story building on the Fore Street side (Pearl Martini & Wine Loange, 444 Fore Street), and a two story building on the Wharf Street Side. The building has multi-wythe brick masonry load-bearing exterior walls. The building was originally built with three more floors, and the present roof framing was built for a heavily-loaded commercial floor use. The roof framing consists of approximately 254" by 744" rafters at approximately 15" on center. The span of the rafters is approximately 12"-9" on the span nearest Wharf Street, where the equipment will be located so the piping can be run down the side of the building. The framing is painted, but appears to be in generally good condition.

Assuming the rafters and beams to be #1 hemlock, because of the age and appearance of the materials, the roof is structurally adequate to accommodate a 1000# HVAC unit, assuming an added 250# for piping, curbing and accessories, with a footprint on the roof of 14 square foot or more. This loading is similar to the unit installed in 2005. The unit planned to be installed, shown in the attached cut sheet, is a split system model, with 195# for the equipment, and, assuming 100# for curbing and accessories, comes to 300# over an area 33"x53" which is much lighter than the roof framing capability.

and Semicoral Lag

Sleepers will be installed on the deck, cut into the insulation and bolted through the decking, to bring the surface to or above the roofing insulation level, then the roofing will to over the shim sleepers and the equipment sleepers will be bolted to the shim sleepers.

If needed, I can inspect the completed supports and provide a letter stating that the supports are adequate. Let me know when the work is ready for inspection.

Thank you for giving us the opportunity to be of service to you.

Yours truly, F MA. HELEN C Helen C. Watts, PF TS WA 5261 Attached: Manufacturer's cut sheef HCW

HELENWATTS ENGINEERING 195 Lii, hfald Road - Rawdein, ME 04287 - 1207, 522 9365



Compatible with the ComfortNet<sup>™</sup> Communicating

· Factory-installed thermal expansion valves for cooling

Provides constant CFM over a wide range of static pressure conditions independent of duct system; provides low CFM for efficient fan-only operation
In non-communicating mode, up to 12 field-selectable air-flow settings can be adjusted to optimize the system's CFM

for each individual mode of operationAuto configuration of the airflow and tonnage

Maximum four low-voltage wires required for operation in communicating mode
Improved humidity control and comfort

pans with secondary drain connections

Compatible with heat pumps and variable-capacity

· Built-in coil has horizontal, vertical, and downflow drain

• Complies with the Factory-sealed Air Handling Credit with or without field-installed filter kits as listed in the 2001 Florida Building Code, Chapter 13, Section 610.2.A.2.1

in communicating mode

cooling applications

AHRI Certified; ETL Listed

CFM indicator

**Standard Features** 

System family of products • R-410A refrigerant-compatible

and heat pump applicationsVariable-speed ECM blower motorAll-aluminum evaporator coil

# AVPTC

# MULTI-POSITION, VARIABLE-SPEED

# Air Handlers

# 1½ to 5 Tons





### **Cabinet** Features

- Fully insulated, painted steel cabinet with attractive Architectural Gray finish
- Built-in filter rack for 1" filter (filter not included)
- Low-voltage cabinet connections; control circuit arranged to permit staging
- Power supply on top; low-voltage entry on top or side
- Factory-sealed to achieve 2% or less leakage rate with or without field-installed filter kits at 1.0" water gauge external duct static pressure



\* Complete warranty details available from your local dealer or at www. goodmannilg.com. To receive the 10-Year Parts. Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Québec.



5/11 Supersedes 2/11 8

# Nomenclature

	A	v	P	Т	C	3642	1	4	AA	
	1	2	3	4	5	6,7,8,9	10	11	12,13	
Bran	nd									Engineering *
A	Single-piece									Major/ Minor Revisions
	Air Handler								*	Not used for inventory management
Unit	Application									Refrigerant Compatability
С	Ceiling Mount PSC Motor									4 = R-410A
D	Downflow PSC Motor									
E	Multi-Position Variable-Speed Moto	r								Electrica
R	Multi-Position PSC Motor									1 208/240 V, 1 Phase, 60 Hz
S	Multi-Position EEM Motor									
V	Multi-Position Variable-Speed Moto	r								Nominal Capacity Range @ 13 SEER
W	Wall Mount PSC Motor						M	ulti-Posit	ion & Dow	unflow Applications
								1830 1	1/2-21/2 Tons	
Cab	inet Finish	25.11						3137 2	-3 Tons	
U	Unpainted							4260 3	-5 Tons	
Ρ	Painted									
N	Uncased									Communications
										C ComfortNet <sup>™</sup> Compatible
Expa	ansion Device									
F	Flowrater									
т	Expansion Valve									



2

# **Specifications**

	AVPTC 183014	AVPTC 313714	AVPTC 426014
NOMINAL RATINGS			
Cooling (BTU/h)	18,000-30,000	30,000-36-000	42,000-60,000
CFM (High/ Low)	1,200/ 600	1,200/ 600	1,800/ 1,200
BLOWER			
Diameter	9½"	105%"	10%"
Width	8"	105%"	105%"
Coil Drain Connection FPT	3/4"	3/4"	3/4"
SERVICE VALVE			
Liquíd	3/8"	3⁄8"	3/8"
Suction	3/4 11	7⁄8''	7'8"
ELECTRICAL DATA			
Voltage	208/240	208/240	208/240
Electric Heat Capacity (kW)	3, 5, 8, 10	3, 5, 6, 8,10, 15	3,5,6,8,10,15,20,21
Min Circuit Ampacity	4.9/4.9	6.5/6.5	8.6/8.6
Max. Overcurrent Device (amps)	15/15	15/15	15/15
Minimum VAC	197	197	197
Maximum VAC	253	253	253
BLOWER MOTOR			_
FLA	3.9	5.2	6.9
НР	Y2	3/4	1
SHIP WEIGHT (LBS)	127	178	197



GSX13

# Split System Air Conditioner

13 SEER / 11/2 TO 5 TONS

Cooling Capacity: 18,000 - 60,000 BTU/h





#### Contents

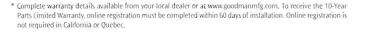
Nomenclature	2
Product Specifications	
Expanded Cooling Data	
AHRI Ratings	
Dimensions	
Wiring Diagrams	41
Accessories	

### **Standard Features**

- · R-410A chlorine-free refrigerant
- Energy-efficient compressor
- Factory-installed filter dryer
- Copper tube/enhanced aluminum fin coil
- Service valves with sweat connections and easy-access gauge ports
- · Contactor with lug connection
- Ground lug connection
- AHRI Certified; ETL Listed

### **Cabinet** Features

- Goodman® brand louvered sound control top design
- Steel louver coil guard
- · Heavy-gauge galvanized-steel cabinet
- Baked-on powder-paint finish with 500-hour salt-spray approval
- Top and side maintenance access
- Single-panel access to controls with space provided for field-installed accessories
- When properly anchored, meets the 2001 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)





# **S**PECIFICATIONS

	GSX13 0181B*	GSX13 0181C*	GSX13 0241B*	GSX13 0301B*	GSX13 0361B*	GSX13 0421B*	GSX13 0481A*	GSX13 0481B*	GSX13 0601A*	GSX13 0601B*
CAPACITIES										
Nominal Cooling (BTU/h)	18,000	18,000	24,000	30,000	36,000	42,000	48,000	48,000	60,000	60,000
SEER / EER	13/11	13/11	13/11	13/11	13/11	13/11	13 / 11	13/11	13/11	13/11
Decibels	72	73	72	73	74	75	76	76	73	77
COMPRESSOR										
RLA	9.0	6.7	13.5	12.8	16.9	17.9	19.8	19.9	26.4	25.0
LRA	48	40	58.3	64	79	112	109	109	134	134
CONDENSER FAN MOTOR										
Horsepower	1/6	1/6	1/6	1/6	1/6	1/4	1/4	1/4	1/4	1/4
FLA	1.1	1.1	1.1	1.1	1.1	1.5	1.5	1.5	1.5	1.5
REFRIGERATION SYSTEM										
Refrigerant Line Size 1										
Liquid Line Size ("O.D.)	3⁄8"	3⁄8"	3⁄8"	3/8"	³⁄a"	3⁄8″	<sup>3</sup> /8″	3/8"	<sup>3</sup> /8″	3⁄8″
Suction Line Size ("O.D.)	3⁄4"	3⁄4 "	3/4"	3⁄4"	%″	1½"	11/8″	11/8″	1½"	11/8″
Refrigerant Connection Size										_
Liquid Valve Size ("O.D.)	3⁄8"	3/8"	³∕₿"	3/8"	3/8"	³∕s″	3⁄8″	3/8"	3/8"	3⁄8″
Suction Valve Size ("O.D.) 4 <sup>s</sup>	3/4 "	3⁄4"	3⁄4"	3⁄4"	3/4" 4	%″ ⁵	7∕8″ <sup>5</sup>	7/8" 5	⅔″ <sup>5</sup>	7∕8″ <sup>5</sup>
Valve Type	Sweat	Sweat	Sweat	Sweat						
Refrigerant Charge	69	71	76	78	92	121	166	125	184	122
Shipped with Orifice Size	0.051	0.051	0.057	0.059	0.068	0.076	0.080	0.080	0.092	0.086
ELECTRICAL DATA										
Voltage-Hz / Phase	208/23	80-60/1	208/23	30-60/1	208/23	30-60/1	208/23	30-60/1	208/23	80-60/1
Minimum Circuit Ampacity <sup>2</sup>	12.3	9.5	18.0	17.1	21.8	23.9	26.3	26.3	34.5	32.8
Max. Overcurrent Protection <sup>3</sup>	20 amps	15 amps	30 amps	30 amps	35 amps	40 amps	45 amps	45 amps	60 amps	50 amps
Min / Max Volts	197/253	197/253	197/253	197/253	197/253	197/253	197/253	197/253	197/253	197/253
Electrical Conduit Size	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"	½″ or ¾″	½″ or ¾″	½" or ¾"	½" or ¾"	1/2" or 3/4"	1/2" or 3/4"
SHIP WEIGHT (LBS)	149	135	151	152	197	194	225	195	240	200

<sup>1</sup> Line sizes denoted for 25' line sets, tested and rated in accordance with AHRI Standard 210/240. For other line-set lengths or sizes, refer to the intallation & Operating instructions and/or the long line-set guidelines.

<sup>2</sup> Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes

<sup>3</sup> Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

<sup>4</sup> Installer will need to supply ¼" to %" adapters for suction line connections.

 $^5$  -Installer will need to supply  $\%^{\prime\prime}$  to 1 $\%^{\prime\prime}$  adapters for suction line connections.

#### NOTES

Always check the S&R plate for electrical data on the unit being installed.

• Unit is charged with refrigerant for 15' of X" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.

# 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.
- 1. Final inspection required upon completion of work.

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.

CITY OF PORTLAND, MAINE Department of Building Inspections
<b>Original Receipt</b>
1-6- 20 //
Received from 51 What St Rada and -
Cost of Construction \$ Building Fee:
Permit Fee \$ Site Fee:
Certificate of Occupancy Fee:
Building (IL) Plumbing (I5) Electrical (I2) Site Plan (U2)         Other         CBL:         Check #:         Total Collected \$
No work is to be started until permit issued. Please keep original receipt for your records. Taken by: WHITE - Applicant's Copy YELLOW - Office Copy PINK - Permit Copy