

# ELECTRICAL PERMIT

City of Portland, Maine



Reviewed for Code Compliance  
Inspections Division  
Approved with Conditions



To the Electrical Inspector, Portland Maine:

The undersigned hereby applies for a permit to make electrical installations in accordance with the laws of Maine, the City of Portland's Electrical Ordinances, National Electrical Code and the following specifications:

Date: \_\_\_\_\_

Permit #: \_\_\_\_\_

CBL#: \_\_\_\_\_

Date: 12/08/14

ADDRESS: 5 Beach Road

METER MAKE/MODEL #: \_\_\_\_\_

CMP Work Order #: \_\_\_\_\_

OWNER: Branson

TENANT: \_\_\_\_\_

PHONE #: \_\_\_\_\_

PLEASE HAVE YOUR PERMIT # (OR JOB ID) READY & CALL 874-8703 TO SCHEDULE AN INSPECTION!

TOTAL EACH FEE

OUTLETS:	Receptacles	Switches	Smoke Detector	0.20
FIXTURES:	Incandescent	Flourescent	Strips	0.20
SERVICES:	<input type="checkbox"/> Overhead	<input type="checkbox"/> Underground	<input type="checkbox"/> TTL Amps <800	15.00
			<input type="checkbox"/> TTL Amps >800	25.00
TEMPORARY SERVICE:	Overhead	<input type="checkbox"/> Underground	TTL Amps	25.00
METERS:	(Number of)			1.00
MOTORS:	(Number of)			2.00
RESID/COMMER:	Electric Units			1.00
HEATING:	Oil/Gas Units	<input type="checkbox"/> Interior	<input type="checkbox"/> Exterior	5.00
APPLIANCES:	Ranges	Cook Tops	Wall Ovens	2.00
	Insta-hot	Water Heaters	Fans	2.00
	Dryers	Disposals	Dishwasher	2.00
	Compactors	Spa	Washing Machine	2.00
	Others (denote)			2.00
MISC. (# of):	Air Cond (Window)			3.00
	Air Cond (Central)		Pools	10.00
	\ HVAC	EMS	Thermostat	5.00
	Signs			10.00
	Alarms/Resident			5.00
	Alarms/Commer			15.00
	Heavy Duty (CRKT)			2.00
	Alterations			5.00
	Fire Repairs			15.00
	Emergency Lights			1.00
	Emer Generators			20.00
	Circus/Carnival			25.00
PANELS:	<input type="checkbox"/> Service	<input type="checkbox"/> Remote	<input type="checkbox"/> Main	4.00
TRANSFORMER:	<input type="checkbox"/> 0-25 Kva			5.00
	<input type="checkbox"/> 25-200 Kva			8.00
	<input type="checkbox"/> Over 200 Kva			10.00

CBL :

MINIMUM COMMERCIAL FEE: \$55.00

MINIMUM RESIDENTIAL FEE: \$45.00

Brief Description of work: Installation of an electric minisplit ductless air source heat pump in home.

TOTAL DUE:

PLEASE HAVE YOUR PERMIT # (OR JOB ID) READY & CALL 874-8703 TO SCHEDULE AN INSPECTION!

**CONTRACTOR INFORMATION:**

Contractor Name: Revision Energy William Levey  
Master License #: MS60019640  
 Address: 142 Presumpscot Street Portland, ME 04103 Limited License #: \_\_\_\_\_  
 Telephone & E Mail: 201-6342 christine@revisionenergy.com

Contractor Signature: \_\_\_\_\_

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# 15RLS2 Submittal

## AOU15RLS2, ASU15RLS2 Inverter Driven Heat Pump

Job Name: \_\_\_\_\_  
Location: \_\_\_\_\_  
Engineer: \_\_\_\_\_  
Submitted to: \_\_\_\_\_  
Submitted by: \_\_\_\_\_  
Reference: \_\_\_\_\_

Approval: \_\_\_\_\_  
Date: \_\_\_\_\_  
Construction: \_\_\_\_\_ Date: 12/08/14  
Unit #: \_\_\_\_\_  
Drawing #: \_\_\_\_\_

**Outdoor Unit Power** 208-230/VAC-1Ph-60Hz  
Available Voltage Range 187-253VAC  
Fuse Size, Max. 20A  
MCA 13.5A

**Compressor** Inverter Driven Variable Speed DC Rotary  
No. used 1  
Output 1000W  
Lubrican Oil POE (RB68)

**Fan type** Propeller  
Motor Output 115W  
Airflow Rate Cooling/Heating (High) 1206 / 1082CFM

**Refrigerant** R410A  
Outdoor Unit 2lbs 12.0oz  
Control Electronic Expansion Valve  
O.D. Discharge (in) 1/4"(Flare)  
O.D Suction (in) 1/2"(Flare)

**Dimensions** H x W x D  
Uncrated (in) 24-1/2 x 31-3/32 x 11-11/32  
(mm) (620 x 790 x 290)  
Crated (in) 28-1/16 x 37-7/32 x 15-9/16  
(mm) (713 x 945 x 395)

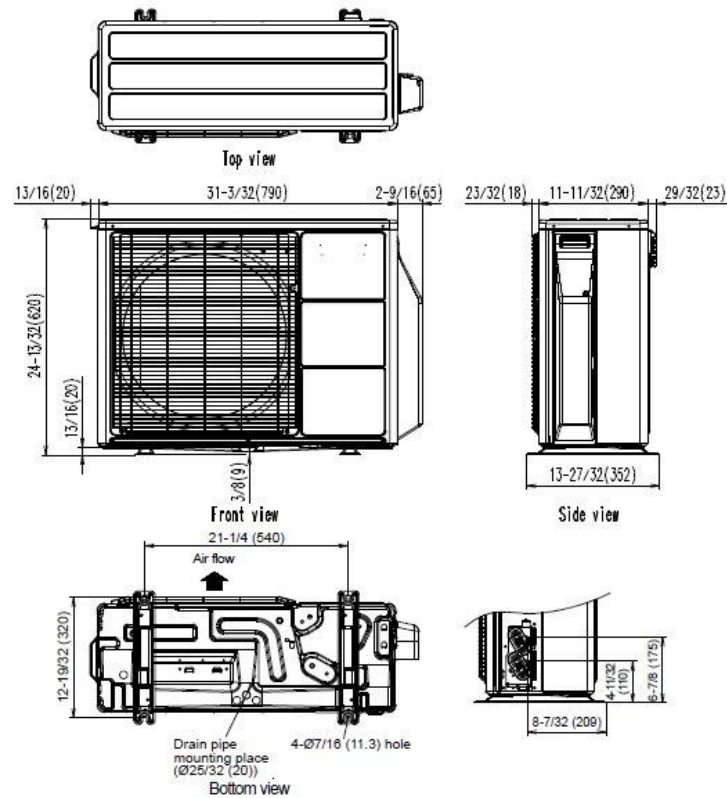
**Weight** Outdoor  
Net 86lbs (39kg)  
Gross Shipping 95lbs (43kg)

**Cooling**  
Rated Capacity 14,500BTU/h  
Min-Max Capacity 3,100~18,400BTU/h  
Rated Power Input 4.25kw  
Max. Power Input 5.40kw  
SEER 21.5  
Outdoor Sound Rating 51dB

**Heating**  
Rated Capacity 18,000BTU/h  
Min-Max Capacity 3,100~23,900BTU/h  
Rated Power Input 5.28kw  
Max. Power Input 7.00kw  
HSPF 12  
Outdoor Sound Rating 51dB

**Piping Lengths**  
Max. Piping Length (Total) 66ft  
Max. Pipe Height Difference 49ft  
Connection method (Flared)

**Operating Range**  
Cooling 14°F~115°F DB  
Heating -5°F~75°F DB



Fujitsu General America, Inc.  
Fairfield, NJ 07004  
Toll Free: 1-888-888-3424  
Fax: (973) 836-0447  
www.fujitsugeneral.com

Fujitsu products are subject to continuous improvements. Fujitsu reserves the right to modify product design, specifications and information in this data sheet without notice and without incurring any obligations.

Note: Specifications are based on the following conditions.

Power source of specifications : 230V

Cooling: Indoor temperature of 80°F(26.67°C)DB / 67°F(19.44°C)WB, and outdoor temperature of 95°F(35°C)DB/75°F(23.89°C)WB.

Heating: Indoor temperature of 70°F(21.11°C)DB / 60°F(15.56°C)WB, and outdoor temperature of 47°F(8.33°C)DB/43°F(6.11°C)WB.

Pipe length : 24ft. 7in.(7.5m), Height difference : 0 ft.(0m) [Outdoor unit - Indoor unit]

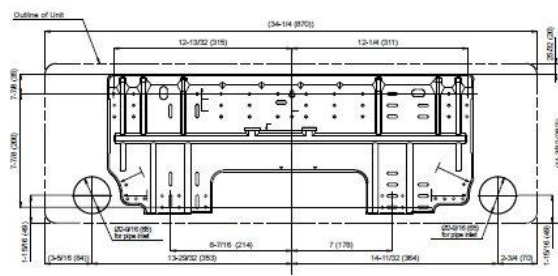
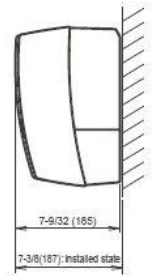
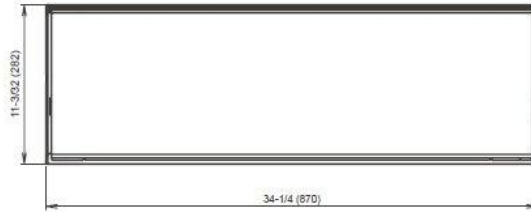




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<b>Indoor Unit Power</b>	208-230/VAC-1Ph-60Hz	
<b>Available Voltage Range</b>	187-253VAC	
<b>Fan type</b>	Cross flow	
<b>Motor Output</b>	29W	
<b>MCA</b>	0.4A	
<b>Sound Pressure Level</b>		
Cooling	Lo-Hi	25-45dB
Heating	Lo-Hi	25-45dB
<b>Airflow rate</b>		
Cooling	Lo-Hi	229-529dB
Heating	Lo-Hi	253-559dB
<b>Dimensions</b>	H x W x D	
Uncrated	(in) 11-3/32 x 34-1/4 x 7-9/32	
	(mm) (282 x 870 x 185)	
Crated	(in) 9-23/32 x 36-7/32 x 14-11/16	
	(mm) (247 x 920 x 373)	
<b>Weight</b>	Indoor	
Net	21lbs (9.5kg)	
Gross Shipping	27lbs (12kg)	



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**15,000 BTU/hr Outdoor Unit**

Located on the west gable end of the home and will be mounted on a wall bracket under the porch.

Weight of each unit is 88 lbs.



**15,000 BTU/hr Indoor Unit – 1<sup>st</sup> Fl.**

15,000 Btu/hr – Floor-standing unit located in the main living area.

Weight of unit is 31 lbs. Unit to be fastened to wall framing to provide sufficient support for the unit.

**Notes:**

Home is built of traditional wood framing and is sufficient to support the additional load of the equipment being installed.

ReVision Energy	HVAC Equipment Layout				
	Branson Residence				
142 Presumpscot Street Portland, Maine, 04097 207-221-6342	5 Beach Road, Peaks Island, ME 04108				
	DATE 11/13/2014	DRAWN BY Joe Maisonave	PAGE 1 of 1	DWG# 1	Rev. 0



FILL IN AND SIGN WITH INK

# Application for Heating, Ventilation, Air Condition (HVAC) Cooking or Power Equipment



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Approved with Conditions

Date: 12/08/14

To the Inspector of Buildings, Portland Maine:

The undersigned hereby applies for a permit to install the following HVAC, cooking or power equipment in accordance with the Laws of Maine, the Building Code of the City of Portland, and the following specifications:

Address/CBL: 5 Beach Road Use of Building: Residential Date: 10/28/14  
 Name and Address of Owner: Branson Residence - Ben Trout 380 Cottage Road South Portland, ME 04106  
 Phone Number Owner: \_\_\_\_\_ E-Mail: Owner: \_\_\_\_\_  
 Name and Address of Installer: Revision Energy - 142 Presumpscot St Portland, ME 04105  
 Phone Number Installer: 201-6342 E-Mail: Installer: christine@revisionenergy.com

<p>Location of Appliance:</p> <p><input type="checkbox"/> Basement <input checked="" type="checkbox"/> Floor</p> <p><input type="checkbox"/> Attic <input type="checkbox"/> Roof</p> <p>Type of Fuel:</p> <p><input type="checkbox"/> Gas <input type="checkbox"/> Oil <input type="checkbox"/> Solid</p> <p>Appliance Name: <u>Fujitsu AOU15RLF ductless mini split heat pump</u></p> <p>UL Approved: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Will appliance be installed in accordance with the manufacturer's installation instructions? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Type of License of Installer: Master Plumber #: <u>02705 - Chris Blaisdell</u></p> <p>Solid Fuel #: _____</p> <p>Oil #: _____</p> <p>Gas #: _____</p> <p>Other: _____</p>	<p>Type of Venting: (Plan required for submittal)</p> <p><input type="checkbox"/> Masonry Lined</p> <p><input type="checkbox"/> Factory Built: _____</p> <p><input type="checkbox"/> Metal</p> <p><input type="checkbox"/> Factory Built UL Listing: _____</p> <p><input type="checkbox"/> Direct Vent</p> <p>Type: _____ UL #: _____</p> <p># of Tanks: _____</p> <p>Type of Fuel Tank:</p> <p><input type="checkbox"/> Gas <input type="checkbox"/> Oil</p> <p>Size of Tank: _____</p> <p>Distance from tank to center of flame: _____</p> <p>Cost of Work: <u>\$ 5,799</u></p> <p>Permit Fee: \$ _____</p>
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Signature of Installer: [Signature] E-Mail: christine@revisionenergy.com