

City of Portland, Maine - Building or Use Permit Application

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

Permit No:	Issue Date:	CBL:
08-0109		044 B047001

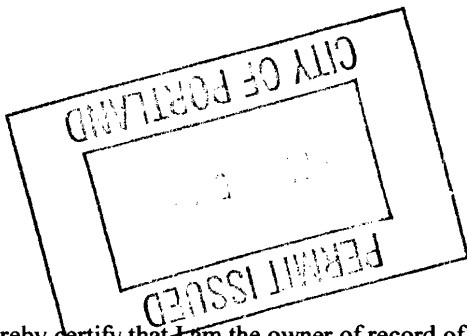
Location of Construction: 59 STATE ST	Owner Name: STATEWAY APTS INC	Owner Address: 658 CONGRESS ST 1ST FLOOR	Phone:
Business Name:	Contractor Name: Mechanical Services, Inc	Contractor Address: 400 Presumpscot St Portland	Phone 2077741531
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	Zone: R-6

Past Use: Commercial - Stateway apt Buildings - legal use: 42 D.U.	Proposed Use: Commercial- Apartment buildings installation of webster oil burner.- no change of use permitted	Permit Fee: \$230.00	Cost of Work: \$20,673.00	CEO District: 2
Proposed Project Description: Install Webster Oil Burner		FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: U Type: HVAC Signature: <i>[Signature]</i>	
		Signature: <i>[Signature]</i>		
		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: lmd	Date Applied For: 02/06/2008	Zoning Approval
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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..

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: <i>2/6/08</i>	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: <i>2/6/08</i>	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: <i>Any exterior work requires A separate review And Approval</i>
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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

Need Monday - Feb 11th
mail Permit
Please



FILL IN AND SIGN WITH INK

APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT

28-0109

44-B 47

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 STATEWAY APARTMENTS Use of Building APARTMENTS Date 1-27-08
Name and address of owner of appliance STATEWAY APARTMENTS
59 STATE ST. PORTLAND, ME
Installer's name and address MECHANICAL SERVICES, INC. 400 PRETUMASCOT
ST. PORTLAND, ME. 04103 Telephone (774-1531-PAUL)

Location of appliance:

- ☒ Basement ☐ Floor
☐ Attic ☐ Roof

Type of Fuel:

- ☐ Gas ☒ Oil ☐ Solid

Appliance Name: WEBSTER OIL BURNER

U.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 # 6 2008
☐ Solid Fuel # _____
☒ Oil # MASTER MS20001782
☐ Gas # _____
☐ Other _____

Type of Chimney:

- ☒ Masonry Lined
Factory built CHIMNEY TO BE LINED
AT THE COMPLETION OF THIS
HEATING SYSTEM.
☐ Metal
Factory Built U.L. Listing # _____

☐ Direct Vent
Type _____ UL# _____

Type of Fuel Tank

- ☒ Oil
☐ Gas

Size of Tank 4000

Number of Tanks 1

Distance from Tank to Center of Flame 15 feet.

Cost of Work: \$ 20,673.00

Permit Fee: \$ _____

Approved

Fire: _____

Ele.: _____

Bldg.: _____

Approved with Conditions

- ☐ See attached letter or requirement

Inspector's Signature _____

Date Approved _____

Signature of Installer _____

White - Inspection

Yellow - File

Pink - Applicant's

Gold - Assessor's Copy

City of Portland, Maine - Building or Use Permit

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08-0109	02/06/2008	044 B047001

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Business Name:	Contractor Name: Mechanical Services, Inc	Contractor Address: 400 Presumpscot St Portland	Phone (207) 774-1531
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	

Proposed Use: Commercial- Apartment buildings installation of webster oil burner.- no change of use permitted	Proposed Project Description: Install Webster Oil Burner
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Dept: Zoning **Status:** Approved with Conditions **Reviewer:** Marge Schmuckal **Approval Date:** 02/06/2008**Note:** **Ok to Issue:** ☒

- 1) 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.
- 2) This property shall remain a forty-two (42) family dwelling unit building. Any change of use shall require a separate permit application for review and approval.
- 3) 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:** Tammy Munson **Approval Date:** 02/11/2008**Note:** **Ok to Issue:** ☒

- 1) All penetrations between dwelling units and dwelling units and common areas shall be protected with approved firestop materials, and recessed lighting/vent fixtures shall not reduce the (1 hour) required rating.
- 2) Installation shall comply with 2003 International Mechanical Code and State of Maine Oil and Solid Fuel Board Laws and Rules

Dept: Fire **Status:** Approved with Conditions **Reviewer:** Capt Greg Cass **Approval Date:** 02/07/2008**Note:** **Ok to Issue:** ☒

- 1) Install shall comply with NFPA 31

CHECK REQUEST

COMPANY :

REQUESTOR'S NAME :

Paul Doughty

PAYABLE TO :

City of Portland

DATE :

2/6/2008

AMOUNT :

\$230.00

EXPLANATION :

C/S 132636: permit for Websterburner install at
Stateway Apts. Portland

MAILING INSTRUCTIONS :

I will hand deliver when I get permit

DATE CHECK IS NEEDED :

Today 2-6-08

APPROVED BY :

CODED :

WEBSTER
Engineering and Manufacturing Co. LLC

Model JB2 Forced Draft Burners

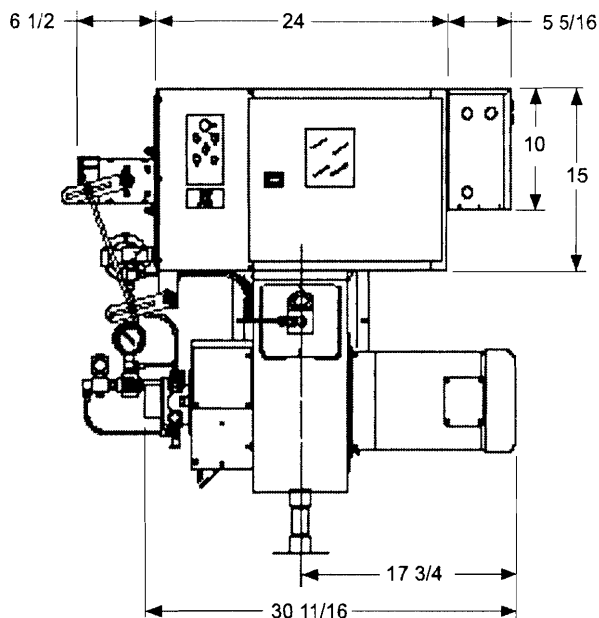
Specification & Dimensional Data

(900 - 6000 MBH Input)

Fuels Burned and Control Systems

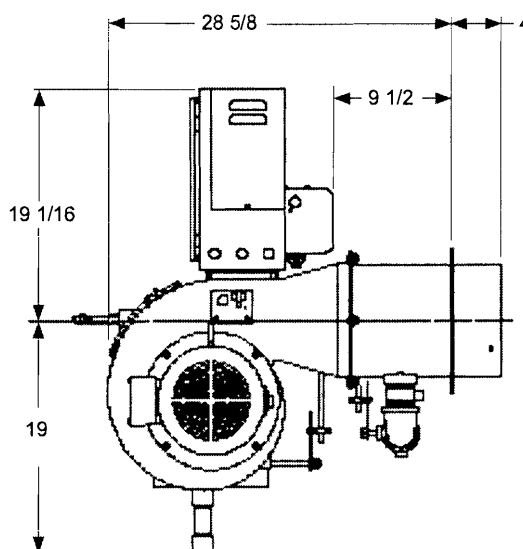
- Natural Gas, Propane, Digester or Mixed Gases
- Light #2 through Heavy #6 Fuel Oil
- Low Fire Start, Low-High-Low, Modulating or Micro Modulation
- Control Circuit Requires 120 vac, 60 Hz, Single Phase Voltage Supply

Check appropriate box to indicate selected version. (Dimensions are +/- 1/4inch)

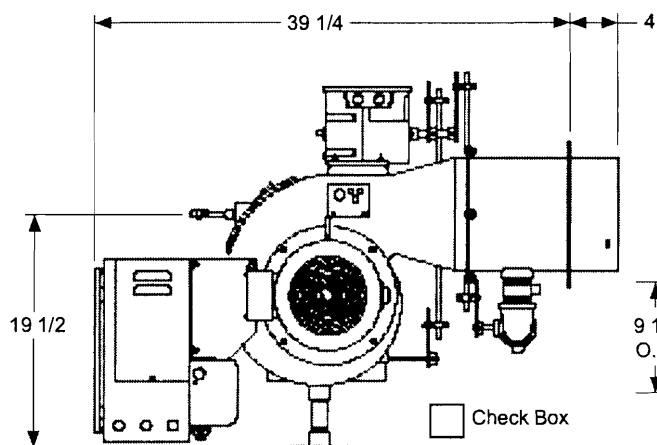


**Standard Arrangement
End View**

☐ Check Box

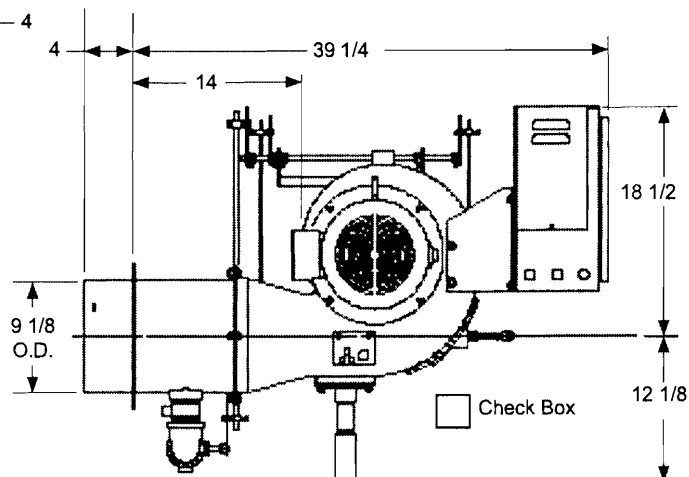


**Standard Arrangement
Elevation
Side View**



**Standard Burner Arrangement
Elevation
W/ Optional Back Mount Control Cabinet
Side View**

☐ Check Box



**Inverted Burner Arrangement
Elevation
Side View**

☐ Check Box

Model JB2 burners are listed by Underwriters Laboratories, Inc. (UL / ULC). Also by the State of Massachusetts Fire Marshal, City of New York Board of Standards and Appeals, State of Minnesota and can be packaged to meet specific requirements of IRI, FM, GE GAP, NFPA, MIL spec. or other special insurance or local code requirements.

Model JB2 - Specification Data (900 - 6000 MBH Input)

Page 2 of 2

(1) STANDARD UL EQUIPMENT AND IMPORTANT OPTIONS		Gas	No. 2 Oil		STANDARD UL EQUIPMENT AND IMPORTANT OPTIONS	Gas	No. 2 Oil	
			Pressure Atomized	Air Atomized			Pressure Atomized	Air Atomized
General	Motor, Fan and Air Inlet Control	X	X	X	Gas Fuel	Main Manual Shutoff Valve	X	
	Air Flow Switch	X	X	X		Main Safety Shutoff Valve	X	
	(2) Burner Mounted Control Panel, Switch and Indicator Lights	X	X	X		Second Safety Shutoff Valve	X	
	Flame Safety Control	X	X	X		Main Gas Regulator	X	
	Ultra Violet Scanner	X	X	X		Gas Checking Valve	X	
	Motor Controller (single phase voltage)	X	X	X		High and Low Gas Pressure Switches	X	
	Motor Starter w/Overloads (3 PH volt)	X	X	X		Metering Valve (modulating systems)	X	
	Fuel Selector Switch	Duel Fuel Burners Only				Normally Open Vent Valve	Opt.	
Ignition	Proven Gas Pilot Ignition	X		X	Oil Fuel	Oil Drawer Assembly with Diffuser		X
	(1) JB2-30 and JB2-50	X	X	X		Oil Nozzles		X
	Pilot Solenoid Gas Valve	X		X		Integral Oil Pump (JB2-07 to JB2-20)		X
	Pilot Gas Regulator & Manual Valve	X		X		Remote Oil Pump (JB2-30 to JB2-50)		X
	Pilot Gas Ignition Transformer	X		X		Two Safety Shutoff Valves		X
	Direct Spark Oil Ignition		(3)			Low Air Atomizing Switch		X
	Direct Spark Oil Ignition Transformer		(3)			Low Oil Pressure Switch (STD when using remote oil pump)		X
Options	Inverted Housing	X	X	X		Oil Pressure Gauge		X
	Alternate Control Cabinet Positioning	X	X	X		Oil Metering Valve (modulating system)		X
	Remote Control Panel	X	X	X		Future Gas Combustion Head	Opt.	Opt.
	Fuel Metering CAM-NETIC II	X	X	X		Air Compressor		X

- The configuration of each unit will vary with specific job requirements such as input rating, electrical specification and special agency approval codes. The above chart shows those items standard to a basic burner plus a few options that may be added.
- Indicator lights are "Power On", "Call for Heat", "Fuel On" and "Flame Fail" for hard wired panels. "Alarm", "Low Water", "Power", "Call for Heat", "Ignition On", and "Fuel On" for circuit board light panels.
- Maximum rate for direct spark is 20 GPH at low fire or 35 GPH at high fire. (standard on straight oil burners, pressure atomized)

Model JB2 - Sizing and Application Data (contact Webster for complete information)

Model Number	Maximum Furnace Pressure	Burner Firing Capability Range		Burner Motor HP	Gas Train			Oil Pump Motor HP		Air Compressor Motor HP
		Gas scfh	#2 Oil gph		Pipe Size	(3) Inlet Press (in wc)		Pressure Atomizing	Air Atomizing	
						LFS, LHL	Modulation			
JB2-07	2	900 / 2800	10 / 20	3/4	1 1/2"	10 / 14"	13"	Integral	N/A	N/A
JB2-10	2	900 / 3500	10 / 25	1	2"	8 / 14"	9 / 14"	Integral	Optional	2
JB2-15	2	900 / 3500	10 / 25	1 1/2	2"	8 / 14"	9 / 14"	Integral	Optional	2
JB2-20	2	1200 / 4200	12 / 30	2	2"	(4) 12 / 14"	(3) 13 / 14"	Integral	Optional	2
JB2-30	2.5	1200 / 5300	12 / 37.8	3	2 1/2"	N/A	13 / 14"	3/4	Optional	2
JB2-50	2.5	1200 / 6000	12 / 42.8	5	2 1/2"	N/A	2-5 psi	3/4	Optional	2

- Lower pressures may apply to reduced inputs.
 - 11-14" with IRI and LFS or LHL. 12-14" with IRI and modulation.
- The above maximum ratings are based on 0 furnace pressure, an altitude of 1000 feet, 90°F air temperature and 60 HZ electrical supply. Use the following corrections for higher temperatures and altitude. Capacity decreases by 17% for 50 Hertz.
- Capacity decreases by 4% for each 1000 feet above 1000 foot altitude.
 - Capacity decreases by 6% for each 1 inch of furnace pressure.
 - Capacity decreases by 2% for each 10°F increase in air temperature over 90°F.
- Gas input ratings based on 1000 BTU/cu ft. and 0.64 specific gravity. Sizes and pressure will vary with different gas properties.
- Oil input ratings are based on 140,000 BTU/gal. for ASTM #2 fuel oil.
- The vessel draft must be between -0.1 and +0.1 wc.

Essential Ordering Information and Data:

Power Supply - Confirm 120-60-1 for control circuit and electrical supply for burner motor(s) (voltage, frequency and phase).
Describe Boiler or Heater to be Fired - Including the manufacturer, model number, furnace pressure and furnace size.
Firing Rate - Define firing rates in MBH for gas and GPH for oil.
Fuel to be Burned - Type of gas and/or oil, including the BTU value.
Approval Agency - UL, FM, IRI (GE GAP), CSD-1, NFPA, Mil spec and local codes, if applicable.
Flame Safety Control Preferred - Honeywell or Fireye controls. Gas Train Components Preferred - ASCO/ITT, Honeywell or Landis
Control System - ON-OFF, Low Fire Start, Low High Low, Modulation, Posi-Control. Required Options - Mounting plate, limit controls, etc.