

City of Portland, Maine - Building or Use Permit Application

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

| | | |
|-----------------------|-----------------------|---------------------|
| Permit No: 08-1109 | Issue Date: 9/8/08 | CBL: 047 B020001 |
|-----------------------|-----------------------|---------------------|

| | | | |
|--|--|---|------------------------|
| Location of Construction: 39 DEERING ST | Owner Name: MACLIN CHRISTINE & C WAIT | Owner Address: 39 DEERING ST APT 4 | Phone: 207-772-8687 |
| Business Name: | Contractor Name: Avery Services, Inc. | Contractor Address: 7 Thomas Drive Westbrook | Phone: 2077728687 |
| Lessee/Buyer's Name | Phone: | Permit Type: HVAC | Zone: |

| | | | | |
|-----------------------------------|---|--|---|--------------------|
| Past Use: Multi-Use/Commercial | Proposed Use: Multi-Use/Commercial - Install Carlin Gas Burner | Permit Fee: \$160.00 | Cost of Work: \$13,995.00 | CEO District: 2 |
| | | FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied | INSPECTION Use Group: R-2 Type: 5B IMC-2003 | |

| | | |
|--|------------|---------------------|
| Proposed Project Description: Multi-Use/Commercial - Install Carlin Gas Burner | Signature: | Signature: 9/8/08 C |
| 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: 09/04/2008 | Zoning Approval | |
|-------------------------|---------------------------------|------------------------|--|

| | | | |
|---|--|---|---|
| <p>1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.</p> <p>2. Building permits do not include plumbing, septic or electrical work.</p> <p>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..</p> | <p>Special Zone or Reviews</p> <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: 9/8/08 C | <p>Zoning Appeal</p> <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: | <p>Historic Preservation</p> <input checked="" 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: 9/8/08 C |
| | <p>PERMIT ISSUED</p> <p>SEP 8 2008</p> <p>CITY OF PORTLAND</p> | | |

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 |

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| Business Name: | Contractor Name: Avery Services, Inc. | Contractor Address: 7 Thomas Drive Westbrook | Phone: (207) 772-8687 |
| Lessee/Buyer's Name | Phone: | Permit Type: HVAC | |

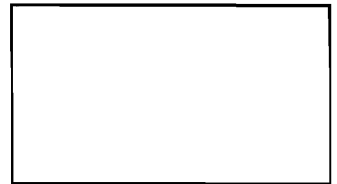
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|--|--|
| Proposed Use: Multi-Use/Commercial - Install Carlin Gas Burner | Proposed Project Description: Multi-Use/Commercial - Install Carlin Gas Burner |
|--|--|

| | | | |
|---|---|-------------------------------|----------------------------------|
| Dept: Zoning | Status: Approved | Reviewer: Chris Hanson | Approval Date: 09/08/2008 |
| Note: | Ok to Issue: <input checked="" type="checkbox"/> | | |
| Dept: Building | Status: Approved with Conditions | Reviewer: Chris Hanson | Approval Date: 09/08/2008 |
| Note: | Ok to Issue: <input checked="" type="checkbox"/> | | |
| 1) The appliance shall be installed in accordance with the IMC 2003 and NFPA 211 2) The installation must comply with the State of Maine Gas Regulations. 3) Installation shall comply with 2003 International Mechanical Code and State of Maine Oil and Solid Fuel Board Laws and Rules | | | |



FILL IN AND SIGN WITH INK

APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT



47. B. 020

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 39 Deering St. Use of Building Dwelling/office Date 9-4-08
 Name and address of owner of appliance CHRISTINE MACLEIN
39 DEERING ST
 Installer's name and address AUCRY SERVICE INC
7 THOMAS DRIVE WESTBROOK Telephone 772-8687

Location of appliance:
 Basement Floor
 Attic Roof

Type of Fuel:
 Gas Oil Solid

Appliance Name: Chelin GAS 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 # _____
 Solid Fuel # _____
 Oil # _____
 Gas # PNT 1453
 Other _____

Type of Chimney:
 Masonry Lined
 Factory built _____
 Metal
 Factory Built U.L. Listing # _____
 Direct Vent
 Type _____ UL# _____

Type of Fuel Tank
 Oil SEP 4 2008
 Gas

Size of Tank _____

Number of Tanks _____

Distance from Tank to Center of Flame _____ feet.

Cost of Work: \$ 13,995

Permit Fee: \$ _____

Approved
 Fire: _____
 Ele.: _____
 Bldg.: _____

Signature of Installer Pete Repable

Approved with Conditions
 See attached letter or requirement
[Signature]
 Inspector's Signature
9/8/08
 Date Approved

AVERY SERVICES, INC.
7 THOMAS DRIVE
WESTBROOK, MAINE 04092
(207) 772-8687



52-7445
2112

034211

CHECK

PAY
TO THE
ORDER OF

DATE
9/3/08

CONTROL NO.
034211

AMOUNT 200.00

City of Portland
Two Hundred &

00
100

AVERY SERVICES, INC.

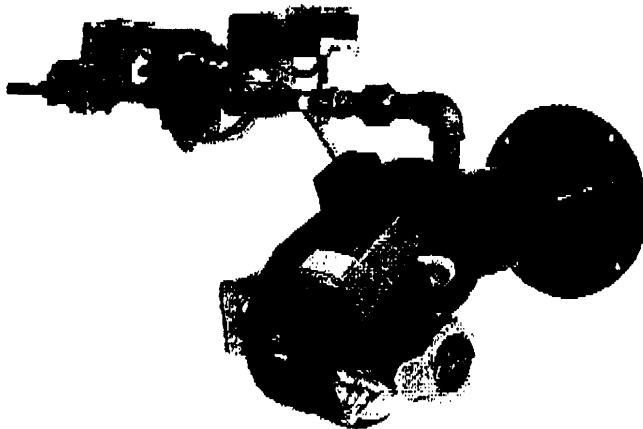
AUTHORIZED SIGNATURE

⑈034211⑈ ⑆211274450⑆ 0289 30916⑈



macLiw 301 GAS

Commercial Burners - Gas Fired



MODEL **301GAS**
Power Gas Burner

401,000 TO 1,100,000 BTUH

The 301GAS burner converts from propane to natural gas with just an orifice change - no conversion kit needed. Fires negative or positive chambers from 401,000 to 1,100,000 Btuh input. Time-tested solid state ignition and state-of-the-art microprocessor primary control technology. Diagnostic I FD lights annunciate operating mode: Self-check, Flame-on, Recycle, Lockout and Latch-up. Factory-packaged with combustion control and gas train (assembled, shipped loose; also available as knockdown). Shipped completely pre-wired for easy installation and start-up (knockdown version also available). High-efficiency, compact flame pattern design ensures clean, quiet operation. Does not require a refractory liner - fires with or without a combustion chamber. Swing-away flanged door design.

- Input** "B" Head/Tube 401,000 to 700,000 Btuh
- "C" Head/Tube 550,000 to 1,100,000 Btuh
- Fuels** Natural Gas or Propane Gas
- Maximum Supply Pressure: 14 inches w.c.
- Minimum Supply Pressure: 5.0 inches w.c.

301 & 45

Manifold Pressure: 3.5 inches w.c.

Control Carlin 60200FR Microprocessor Control
4 sec. Trial for Ignition (TFI)
1.3 Sec. FFRT
Pre-purge and post-purge
Serviceman Reset Protection
Latch-up after three consecutive lockouts
Interrupted Duty Ignition
Recycle on Flame Failure

Electrical **Power:** 120 vac/60Hz/1-Phase
Current: Approximately 2.5 amps
Limit Circuit Input: 120 vac/60 Hz
Motor: 1/6 HP, 3450 RPM, 60 Hz
Motor Frame: 48 Frame, "N" Flange
Fuel Valve Power: 120 vac/60 Hz

Ignition Carlin Model 41800 solid state electronic
ignition
Ignition Voltage: 9,000 volts

Orifice Selection Contact Carlin

Agencies UL Listed: US

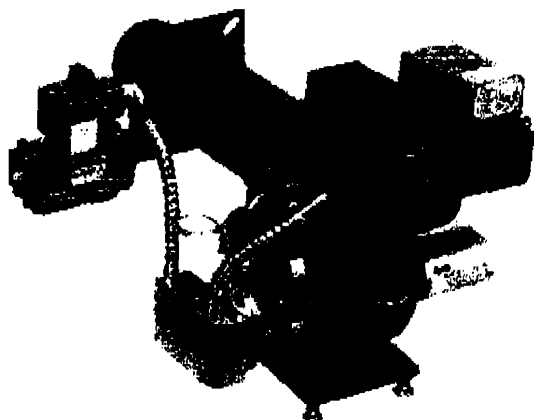
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DELICATA

EZ GAS

Residential Burners - Gas Fired



MODEL **EZ-Gas™**
Power Gas Burner
50,000 TO 275,000 BTUH

The EZ-Gas burner converts from propane to natural gas with just an orifice change - no conversion kit needed. Factory packed with combustion control and gas fuel train. Does not require a refractory liner - fires with or without a combustion chamber. Proven in extensive boiler and furnace testing, these burners will meet your needs for residential gas burning applications.

- Input** 50,000 to 275,000 Btuh
- Fuels** Natural Gas or Propane Gas
Maximum Supply Pressure: 14 inches w.c.
Minimum Supply Pressure: 5.0 inches w.c.
Manifold Pressure: 3.5 inches w.c.
- Control** Carlin 60200FR Microprocessor Control
4 sec. Trial for Ignition (TFI)
1.3 Sec. FFRT
Pre-purge and post-purge
Serviceman Reset Protection
Latch-up after three consecutive lockouts
Interrupted Duty Ignition
Recyle on Flame Failure

Electrical
 Power: 120 vac, 60Hz, 1-Phase
 Current: Approximately 2.0 Amps
 Limit Circuit Input: 120 vac, 60 Hz
 Motor: 1/15 HP, 3450 RPM, 60 Hz
 Motor Frame: 48 Frame, "M" Flange
 Fuel Valve Power: 120 vac, 60 Hz

EZ-GAS

Ignition
 Carlin Model 41800 Solid State Electronic Ignition
 Ignition Voltage: 9,000 volts

Orifice Selection

| Input Btu/h | Orifice drill size | | Air band | |
|----------------|--------------------|-------------|----------|----------------------------|
| | Natural gas | Propane gas | Slots | Approximate Setting (note) |
| 50,000 | #19 (.156) | #32 (.116) | 1 | 0 % |
| 75,000 | #11 (.191) | #26 (.147) | 1 | 5 % |
| 100,000 | #1 (.228) | #16 (.177) | 1 | 20 % |
| 125,000 | D (.246) | #9 (.196) | 1 | 30 % |
| 150,000 | J (.277) | 3/32 (.219) | 2 | 20 % |
| 175,000 | N (.302) | C (.242) | 2 | 30 % |
| 200,000 | 7/64 (.328) | 1/16 (.258) | 2 | 35 % |
| 225,000 | T (.358) | 5/64 (.281) | 2 | 45 % |
| 250,000 | X (.397) | 3/16 (.312) | 2 | 55 % |
| 275,000 | 7/32 (.437) | R (.339) | 2 | 75 % |

Note: Air band setting is approximate only. Follow burner manual and appliance manual instructions to adjust burner using combustion test instruments.

Agencies
 UL Listed: US & Canada - US per ANSI Z21.17, Canada per CSA 2.7

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