

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



CITY OF PORTLAND

BUILDING PERMIT

This is to certify that DOROTHY S HEIRS CLARK

Located At 5 CLIFFORD ST

Job ID: 2011-11-2814-HVAC

CBL: 062- E-014-001

has permission to gas burner into existing unit & Fire place insert

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**

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.**

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.

City of Portland, Maine - Building or Use Permit Application

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

Job No: 2011-11-2814-HVAC	Date Applied: 11/29/2011	CBL: 062- E-014-001	
Location of Construction: 5 CLIFFORD ST	Owner Name: MICHAEL & TRICIA PIRONE	Owner Address: 5 CLIFFORD ST PORTLAND, ME 04102	Phone:
Business Name:	Contractor Name: CHARLES A FORTIN	Contractor Address: 30 MONUMENT ST PORTLAND MAINE 04101	Phone: 939-4515
Lessee/Buyer's Name:	Phone:	Permit Type: HVAC	Zone: R-4
Past Use: SINGLE FAMILY DWELLING	Proposed Use: Same: Single Family Dwelling - to install EZ Carlin Burner	Cost of Work: \$2000.00	CEO District:
		Fire Dept: Approved Denied N/A	Inspection: R-3 Use Group: HVAC Type:
		Signature:	Signature:
Proposed Project Description: gas burner into existing unit & Fire place insert		Pedestrian Activities District (P.A.D.)	

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 <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetlands <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan <input type="checkbox"/> Maj <input type="checkbox"/> Min <input type="checkbox"/> MM Date: 11/30/11	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:	Historic Preservation within <input type="checkbox"/> Not in Dist 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 Any exterior work Date: Requires A Separate Review & Approval

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 appication 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



FILL IN AND SIGN WITH INK

APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT



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 62-E-14 Use of Building RESIDENCE Date 25 NOV 11
Name and address of owner of appliance MICHAEL PIRCHIE 5 CHIFFIN STREET
PORTLAND, ME 04102
Installer's name and address CHARLES FORTIN / 13 BALDWIN WITHAM
30 Monument St Portland, ME 04101 Telephone 939 4515

Location of appliance:

- ☒ Basement ☒ Floor
☐ Attic ☐ Roof

Type of Fuel:

- ☒ Gas ☐ Oil ☐ Solid

Appliance Name:

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 1298
☐ Other _____

Type of Chimney:

- ☐ Masonry Lined
Factory built _____

- ☒ Metal S/S LINER
Factory Built U.L. Listing # _____

- ☐ Direct Vent
Type _____ UL# _____

Type of Fuel Tank

- ☐ Oil
☒ Gas

Size of Tank _____

Number of Tanks _____

Distance from Tank to Center of Flame _____ feet.

Cost of Work: \$ 2000.00

Permit Fee: \$ 40

Approved

Fire: _____

Ele.: _____

Bldg.: _____

Approved with Conditions

- ☐ See attached letter or requirement

Signature of Installer

[Signature]

Inspector's Signature

Date Approved

White - Inspection

Yellow - File

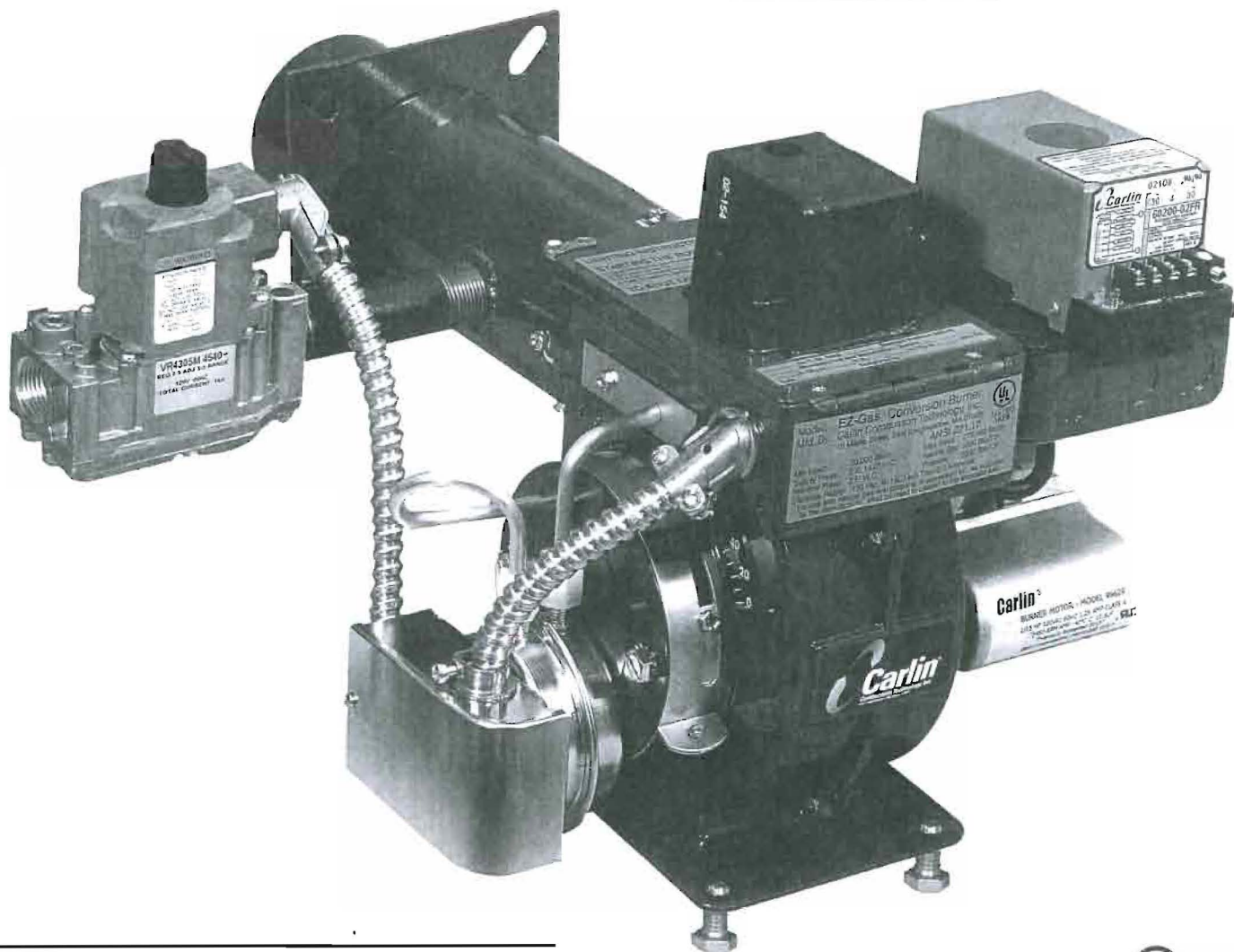
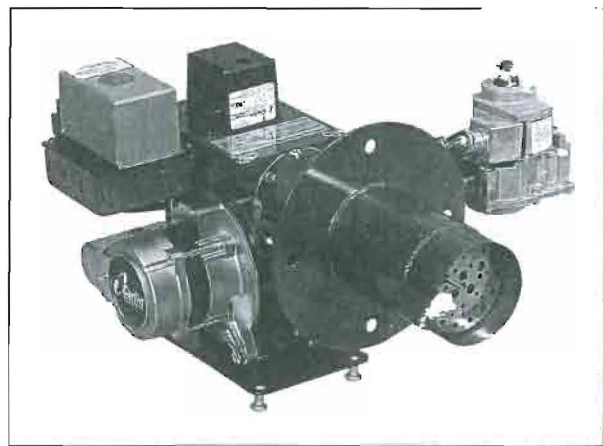
Pink - Applicant's

Gold - Assessor's Copy



MODEL **EZ-Gas™**
Power Gas Burner
50,000 TO 275,000 Btu/h

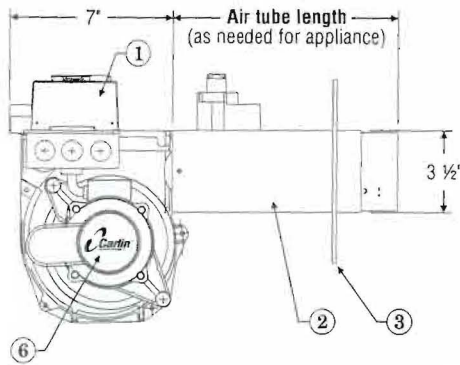
The IDEAL
burner
for even the
toughest
applications



CARLIN. THE TECHNOLOGY LEADER.

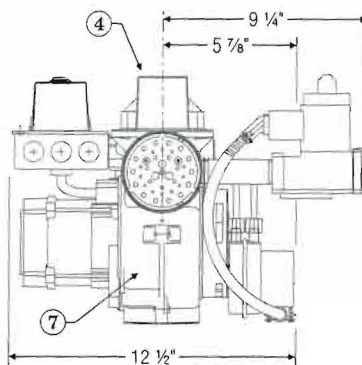


Carlin EZ-Gas Power Gas Burner



① Carlin 60200FR microprocessor control

⑤ Combination gas valve

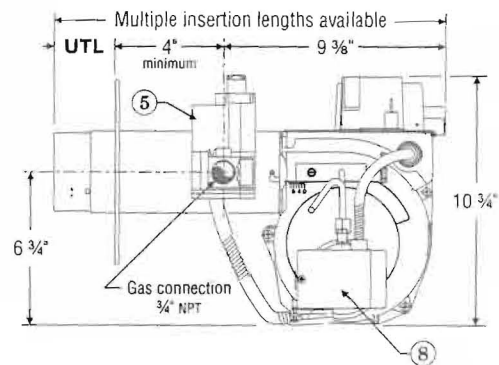


② Air tube

⑥ Carlin PSC motor

③ Flange (selected to meet appliance requirements)

⑦ Cast aluminum blower housing



④ Carlin 41800 solid state ignitor

⑧ Air flow proving switch

Features

- Converts from propane to natural gas with just an orifice change — no conversion kit needed
- Fires negative or positive chambers from 50,000 to 275,000 Btuh input
- Provides dependable, direct-spark ignition of main flame — for quick, clean light-offs
- Comes standard with time-tested solid state ignition and state-of-the-art microprocessor control technology
- Factory-packaged with combustion control and gas fuel train
- Shipped completely assembled and wired — for "EZ" installation and start-up
- Diagnostic LED lights annunciate operating mode: Self-check, Flame-on, Recycle, Lockout and Latch-up
- High-efficiency, compact flame pattern design ensures clean, quiet operation
- Does not require a refractory liner — fires with or without a combustion chamber
- Available with custom welded air tube flange (and/or optional pedestal) to accommodate most appliance mounting requirements
- Includes 1-year warranty

Specifications

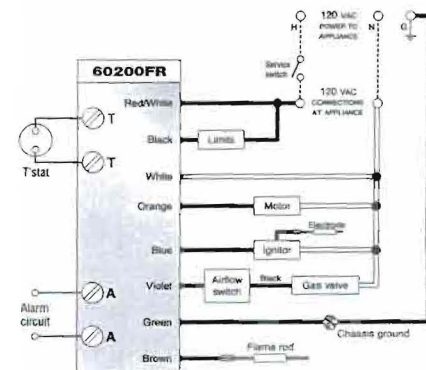
- Input**
 - 50,000 to 275,000 Btuh
- Fuels**
 - Natural gas or propane gas
 - Maximum supply pressure 14 inches w.c.
 - Minimum supply pressure 5.0 inches w.c.
 - Manifold pressure 3.5 inches w.c.
- Electrical**
 - Power 120 VAC/60 HZ/1-PHASE
 - Limit circuit input 120 VAC/60 HZ
 - Motor 1/15 HP, 3450 RPM
 - Current Approximately 2.0 AMPS
 - Fuel valve power 120 VAC/60 HZ
- Ignition**
 - Carlin Model 41800 solid state electronic ignitor
 - Ignition voltage 9,000 VOLTS
- Control**
 - Carlin Model 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
- Agencies**
 - UL Listed (United States) per ANSI Z21.17
 - MEA approval #137-05-E

Orifice selection

Input	Orifice drill size		Air band	
Btuh	Natural gas	Propane gas	Slots	Approximate Setting (note)
50,000	#19 (.166)	#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)	7/32 (.219)	2	20 %
175,000	N (.302)	C (.242)	2	30 %
200,000	21/64 (.328)	17/64 (.266)	2	35 %
225,000	T (.358)	9/32 (.281)	2	45 %
250,000	X (.397)	5/16 (.312)	2	55 %
275,000	7/16 (.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.

Wiring



TECH SUPPORT HOTLINE 800-989-2275



Carlin Combustion Technology, Inc.

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e-mail us at: info@carlincombustion.com visit our website: www.carlincombustion.com