# 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: |
|---|---|---|
| 09-0212 | 3/23/09 | 039 A027001 |

| Location of Construction: | Owner Name: | Owner Address: | Phone: |
|---|---|---|---|
| 116 HIGH ST | CUMBERLAND CLUB | 116 HIGH ST | 207-885-1256 |
| **Business Name:** | **Contractor Name:** | **Contractor Address:** | **Phone** |
| | Portland Airconditioning, Inc. | 205 Lincoln St. S. Portland | 2077674567 |
| **Lessee/Buyer's Name** | **Phone:** | **Permit Type:** | **Zone:** |
| | | HVAC | B-3 |

| Past Use: | Proposed Use: | Permit Fee: | Cost of Work: | CEO District: |
|---|---|---|---|---|
| "Cumberland Club" | "Cumberland Club" - Install a Carrier 58MXB Direct Vent Gas Burner in the Basement | $170.00 | $14,300.00 | 2 |

**FIRE DEPT:** ☑ Approved ☐ Denied

* See Conditions

Signature: KG

**INSPECTION:** HVAC

Use Group: A-2 Type: 5B

IMC-2003

NFPA-33

Signature: [illegible] 3/23/09

**Proposed Project Description:**

Install a Carrier 58MXB Direct Vent Gas Burner in the Basement

**PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)**

Action: ☐ Approved ☐ Approved w/Conditions ☐ Denied

Signature: Date:

| Permit Taken By: | Date Applied For: |
|---|---|
| lmd | 03/18/2009 |

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..

## Zoning Approval

| Special Zone or Reviews | Zoning Appeal | Historic Preservation |
|---|---|---|
| ☐ Shoreland | ☐ Variance | ☐ Not in District or Landmark |
| ☐ Wetland | ☐ Miscellaneous | ☐ Does Not Require Review |
| ☐ Flood Zone | ☐ Conditional Use | ☐ Requires Review |
| ☐ Subdivision | ☐ Interpretation | ☐ Approved |
| ☐ Site Plan | ☐ Approved | ☐ Approved w/Conditions |
| Maj ☐ Minor ☐ MM ☐ | ☐ Denied | ☐ Denied |
| Date: 3/19/09 | Date: | Date: |

PERMIT ISSUED

CITY

## 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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| Permit No: | Date Applied For: | CBL: |
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| 09-0212 | 03/18/2009 | 039 A027001 |

| Location of Construction: | Owner Name: | Owner Address: | Phone: |
|---|---|---|---|
| 116 HIGH ST | CUMBERLAND CLUB | 116 HIGH ST | 207-885-1256 |
| **Business Name:** | **Contractor Name:** | **Contractor Address:** | **Phone** |
| | Portland Airconditioning, Inc. | 205 Lincoln St. S. Portland | (207) 767-4567 |
| **Lessee/Buyer's Name** | **Phone:** | **Permit Type:** | |
| | | HVAC | |

| Proposed Use: | Proposed Project Description: |
|---|---|
| "Cumberland Club" - Install a Carrier 58MXB Direct Vent Gas Burner in the Basement | Install a Carrier 58MXB Direct Vent Gas Burner in the Basement |

**Dept:** Zoning **Status:** Approved **Reviewer:** Marge Schmuckal **Approval Date:** 03/19/2009

**Note:** **Ok to Issue:** ☐

**Dept:** Building **Status:** Approved with Conditions **Reviewer:** Chris Hanson **Approval Date:** 03/23/2009

**Note:** **Ok to Issue:** ☑

1) Equipment must be installed in compliance with the manufacturer's specifications
2) The appliance shall be installed in accordance with the IMC 2003 and NFPA 211.
3) Maintain proper setback(s) from property lines/buildings and proper clearances from verticle openings when direct venting.
4) The installation must comply with the State of Maine Gas Regulations.
5) Separate permits are required for any electrical, plumbing, HVAC or exhaust systems. Separate plans may need to be submitted for approval as a part of this process.

**Dept:** Fire **Status:** Approved with Conditions **Reviewer:** Capt Keith Gautreau **Approval Date:** 03/19/2009

**Note:** **Ok to Issue:** ☑

1) Install shall comply with all manufacture's specifications.
2) Install shall comply with NFPA 58
   A compliance letter is required.

# BUILDING PERMIT INSPECTION PROCEDURES

## Please call 874-8703 or 874-8693 (ONLY )

**to schedule your inspections as agreed upon**

**Permits expire in 6 months, if the project is not started or ceases for 6 months.**

The Owner or their designee is required to notify the inspections office for the following inspections and provide adequate notice. Notice must be called in 48-72 hours in advance in order to schedule an inspection:

**By initializing at each inspection time, you are agreeing that you understand the inspection procedure and additional fees from a "Stop Work Order" and "Stop Work Order Release" will be incurred if the procedure is not followed as stated below.**

**A Pre-construction Meeting will take place upon receipt of your building permit.**

**__X__ Final inspection required at completion of work.**

Certificate of Occupancy is not required for certain projects. Your inspector can advise you if your project requires a Certificate of Occupancy. All projects DO require a final inspection.

**If any of the inspections do not occur, the project cannot go on to the next phase, REGARDLESS OF THE NOTICE OR CIRCUMSTANCES.**

**CERIFICATE OF OCCUPANICES MUST BE ISSUED AND PAID FOR, BEFORE THE SPACE MAY BE OCCUPIED.**

_____ _____

Signature of Applicant/Designee Date

_____ _____

Signature of Inspections Official Date

**CBL:** 039 A027001 **Building Permit #:** 09-0212

09-0212

039-A-027

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 116 High St Use of Building club Date 3/10/09

Name and address of owner of appliance Cumberland Club

116 High St Portland, ME

Installer's name and address Portland Airconditioning Inc - Kathryn Mooney

29 Washington Ave Scarborough, ME Telephone 207-885-1056

**Location of appliance:**

- [x] Basement
- [ ] Floor
- [ ] Attic
- [ ] Roof

**Type of Fuel:**

- [x] Gas
- [ ] Oil
- [ ] Solid

**Appliance Name:** Carrier 58MXB

U.L. Approved [x] Yes [ ] No

Will appliance be installed in accordance with the manufacture's installation instructions? [x] Yes [ ] No

IF NO Explain:

MAR 18 2009

**The Type of License of Installer:**

- [ ] Master Plumber #
- [ ] Solid Fuel #
- [ ] Oil #
- [x] Gas # PNT 434
- [ ] Other

**Type of Chimney:**

- [ ] Masonry Lined
  Factory built
- [ ] Metal
  Factory Built U.L. Listing #
- [x] Direct Vent
  Type PVC Sch 40 UL#

**Type of Fuel Tank**

- [ ] Oil
- [x] Gas

**Size of Tank**

**Number of Tanks**

**Distance from Tank to Center of Flame** _____ **feet.**

**Cost of Work:** $ 14,300.00

**Permit Fee:** $ 170-

**Approved**

Fire:

Ele.:

Bldg.:

**Approved with Conditions**

[x] See attached letter or requirement

Inspector's Signature

3/23/09
Date Approved

**Signature of Installer**

White - Inspection Yellow - File Pink - Applicant's Gold - Assessor's Copy

COMFORT™ 92 MODEL 58MXB

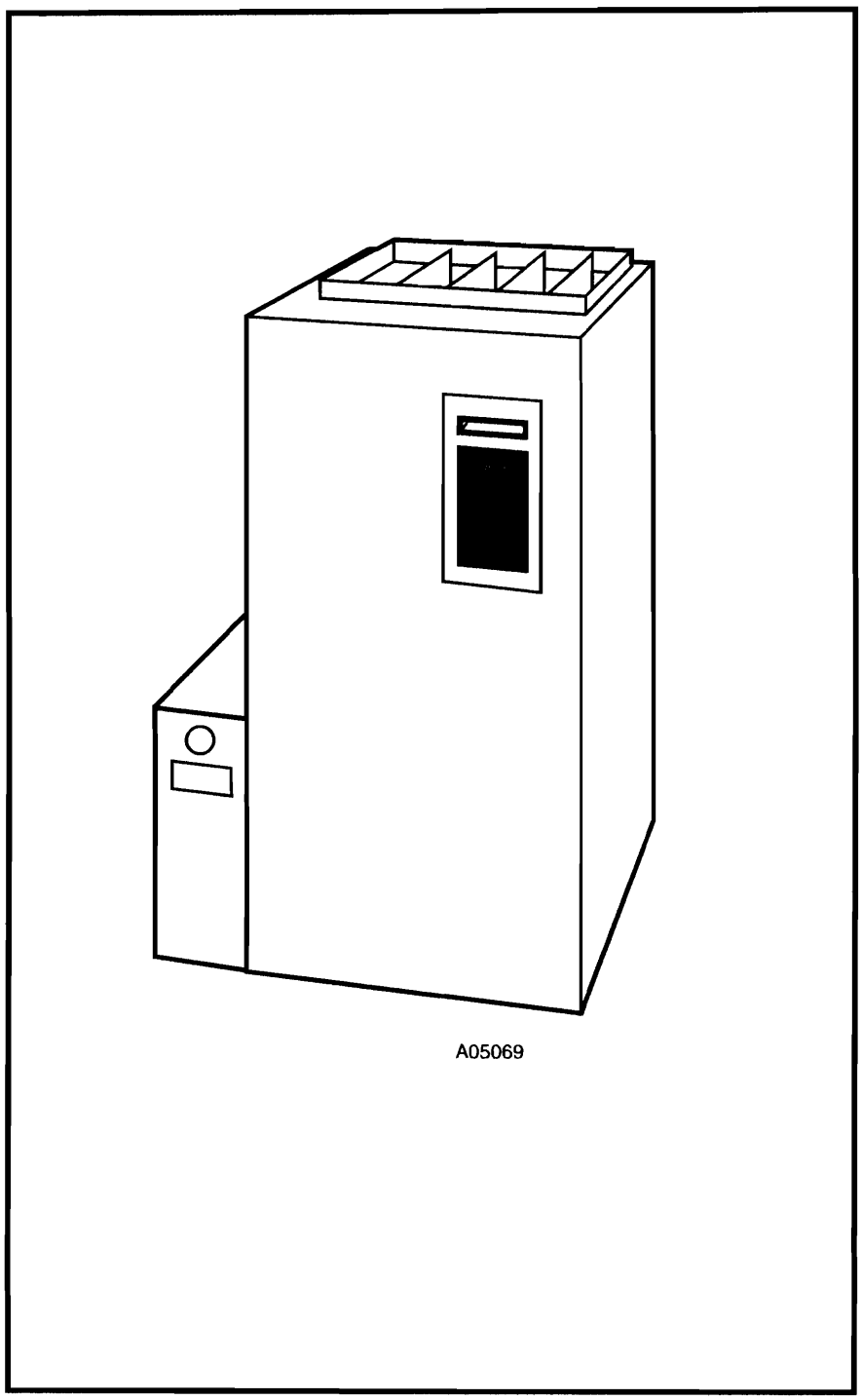
HIGHLY-EFFICIENT 4-WAY MULTIPOISE FIXED-CAPACITY DELUXE CONDENSING GAS FURNACE

Input Rates: 40,000 thru 138,000 Btuh

Carrier®

Turn to the Experts.

# Product Data



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## 4-Way Multipoise Design Allows More Applications . . .

The Comfort™ 92 is a must for your product line. This high-efficiency furnace allows more applications with its reliable 4-way multipoise design. The Comfort™ 92 is available in 12 heat/airflow combinations and with the 4-way multipoise design can be installed in upflow, downflow, or horizontal positions covering up to 48 different applications. With the exception of the 140 size unit, all Comfort™ 92 models can be installed in a manufactured (mobile) home when the optional kit is used, and in installations with elevations up to 10,000 ft (140 size unit limitation 7,000 ft). The furnace is factory configured for upflow application. With the exception of the 140 size, all sizes can be installed with 2-pipe or 1-pipe venting. The 140 size can be installed only as a 2-pipe system.

This versatile unit utilizes Power Heat™ hot surface ignition (HSI) which ignites the burners directly. HSI eliminates gas waste that typical continuous-pilot designs can bring. Hot surface ignition provides reliable start-up and operation.

Take a look at the control center on the Comfort™ 92. Control of ignition, inducer, and blower operation is all handled in 1 central printed circuit board. The status indicator on the control signals when a fault has occurred and identifies where the problem is. This, along with the component test feature, makes the Comfort™ 92 one of the easiest gas furnaces to troubleshoot.

High efficiency is achieved by maximizing heat transfer. The result is energy-saving efficiency, up to 95.5 percent Annual Fuel Utilization Efficiency (AFUE), and reduced operational noise. The Comfort™ 92 is one of the quietest furnaces in the industry.

A unique feature of this unit is the patented polypropylene-laminated heat exchanger. This secondary heat exchanger ensures that all available heat is properly transferred to the airstream

and throughout the home. Using the exclusive flow-through design, the secondary heat exchanger reduces the pressure drop in the furnace which leads to lower electrical usage, an important part of this unit's efficiency. Carrier heat exchangers are backed by a Limited Lifetime Warranty. (See Warranties section for details.)

When we put it all together, the Comfort™ 92 combines quality and design to bring high efficiency and comfort. You will enjoy the versatility and ease of installation of this unit. The Comfort™ 92 is equipped for either left- or right-side connections. Blower speeds are easily adjustable with speed-taps conveniently located on the control center. A combustion inducer allows for more use of 2-in. vent and combustion-air piping, keeping installation costs low.

As with other Carrier furnaces, this model is designed to work as a part of the total home comfort system which includes elements for cooling, air cleaning, humidification, ventilation, and zoning.

## Comfort™ 92 FEATURES/ BENEFITS

**Serpentuff™** — Exclusive Serpentuff coating, a patented polypropylene laminate is used on the secondary heat exchanger.

**Power Heat™ Igniter** — Carrier's unique SiN igniter is not only physically robust but it is also electrically robust. It is capapble of running at line voltage and does not require complex voltage regulators as do other brands. This unique feature further enhances the reliability of Comfort™ 92 gas furnace and continues Carrier's traditoin of tecnology leadership and innovation in providing a reliable and durable product.

**ComfortFan™** — Improves comfort all year long by allowing the homeowner to select different fan speeds during continuous fan operation to achieve more or less airflow. This is done right at the thermostat.

**SmartEvap™** — This feature allows your system to reduce summertime humidity levels by nearly 10% over standard systems.

**Media Filter Cabinet** — Enhanced indoor air quality in your home is made easier with our media filter cabinet—a standard accessory on all Deluxe furnaces. When installed as a part of your system, this cabinet allows for easy and convenient addition of a Carrier high-efficiency air filter.

**Control Center** — Microprocessor controls sequencing and furnace operation. Equipped with a component test feature and status indicator light to assist in troubleshooting. Microprocessor blower control times blower start after main burners ignite to eliminate cold air blowing into rooms.

**Warranties** — Limited Lifetime Warranty on the heat exchangers for the lifetime of original owner in single family residence; 20 years in other residential and commercial applications. Five-year Limited Warranty on entire unit. Contact your dealer for details.

**Direct or Non-direct Venting** — The Comfort™ 92 can be installed as a 1 pipe/Non-Direct vent (except 140 size unit and in manufactured/mobile home installations) or 2 pipe/Direct vent furnace. This provides added flexibility to meet diverse installation needs.

**Insulated Blower Compartment** —The acoustical insulation reduces air and motor noise to promote quiet operation.

**Combustion Products Venting** — The combustion-air and vent pipes can terminate through a side wall or through the roof when used with a factory-authorized vent termination kit.

**Insulation** — Foil-faced insulation in heat exchanger section of the casing minimizes heat loss.

**Bottom Closure** — Factory-installed for side return; easily removable for bottom return.

**Filter** — Cleanable filter with retainer is standard.

**Blower Access Panel Switch** — Shuts off all 115-v power through furnace components whenever blower access panel is opened.

**Casing** — One piece, seamless wrap-around construction of heavy, galvanized steel resists corrosion.

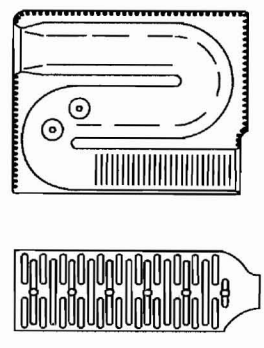
**Adjustable Blower Speed** — For precise airflow selection of heating or cooling operation.

**Monoport Burners** — The burners are finely tuned for smooth, quiet combustion plus economical gas usage.

**Slow Opening Redundant Gas Valve** — Shuts off gas to burners if 1 of the valves fails to close completely for any reason. The slow opening feature reduces start-up noise from rapid ignition.

**Quality Registration** — The Comfort™ 92 is engineered and manufactured under an ISO 9001 registered quality system.

**Certifications** — The Comfort™ 92 Model units are CSA (A.G.A. and C.G.A.) design certified for use with natural and propane gases. The furnace is factory-shipped for use with natural gas. A CSA (A.G.A./C.G.A.) listed gas conversion kit is required to convert furnace for use with propane gas. The efficiency is GAMA efficiency rating certified. The Comfort™ 92 meets California Air Quality Management District emission requirements. Except for the 140 size unit, all Comfort™ 92 models can be installed in a manufactured (mobile) home when the optional kit is used in direct vent (2-pipe) application. Refer to Vent Table, for elevation limitations.



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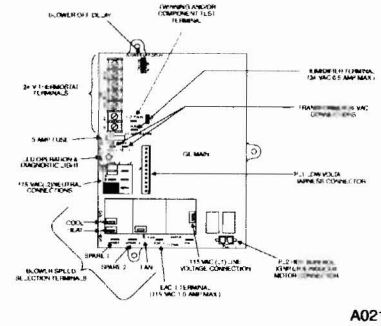
HEAT EXCHANGERS



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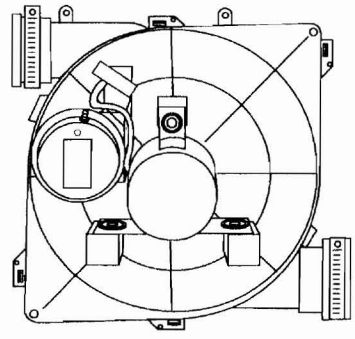
CONTROL CENTER



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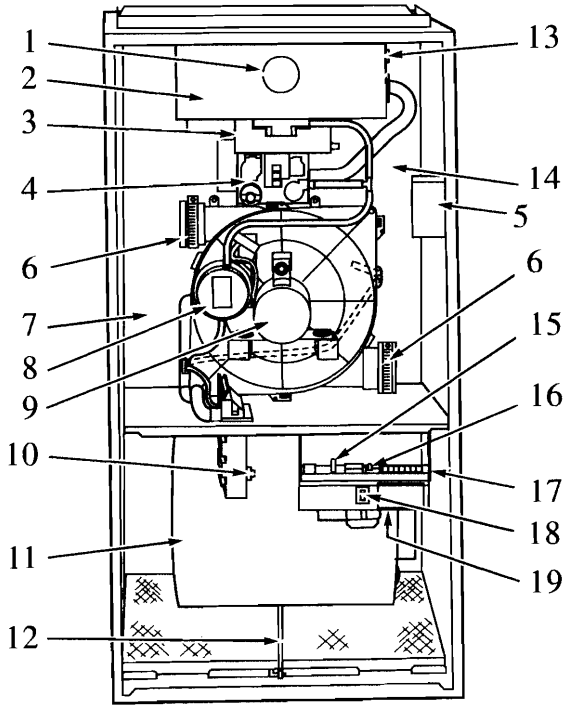
INDUCER ASSEMBLY

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1. Burner sight glass for viewing burner flame.
2. Burner assembly (inside), operates with energy-saving, inshot burners and hot surface igniter for safe, dependable heating.
3. Combustion-air intake connection to ensure contaminant-free air (right or left side).
4. Redundant gas valve, safe, efficient, features 1 gas control with 2 internal shutoff valves.
5. Junction box for 115-v electrical power supply. (right or left side)
6. Vent outlet uses sealed PVC pipe to carry vent gases from the furnace's combustion system (right or left side).
7. Secondary condensing heat exchanger (inside), wrings out more heat through condensation of gases. Constructed with Polypropylene-laminated steel to ensure durability.
8. Pressure switch ensures adequate flow of flue products through furnace and out vent system.
9. Inducer motor pulls hot flue gases through the heat exchangers, maintaining negative pressure for added safety.
10. Condensate drain connection collects moisture condensed during the combustion process.
11. Heavy-duty blower circulates air across the heat exchangers to transfer heat into the home.
12. Air filter and retainer may be used for side or bottom return application.
13. Rollout switch (manual reset) to prevent overtemperature in burner area.
14. Primary serpentine heat exchanger (inside). Stretches fuel dollars with the S-shaped heat-flow design. Solid weld-free construction of corrosion-resistant aluminized steel means reliability.
15. 3-amp fuse provides electrical and component protection.
16. Light emitting diode (LED) on control center. Code lights are for diagnosing furnace operation and service requirements.
17. Control center.
18. Blower access panel safety interlock switch.
19. Transformer (24v) behind control center provides low-voltage power to furnace control center and thermostat.

# Model number nomenclature

58MXB 040 F 100 08

**Deluxe 4-Way Multipoise Fixed-Capacity Direct-Vent (2-pipe) and Non-Direct Vent (1-pipe) Condensing Gas Furnace**

**Cooling Airflow**
(Nominal 400 CFM per 12,000 Btuh Cooling)
08 — 800 CFM
12 — 1200 CFM
16 — 1600 CFM
20 — 2000 CFM

**Input Rates**
040 — 40,000 Btuh
060 — 60,000 Btuh
080 — 80,000 Btuh
100 — 100,000 Btuh
120 — 120,000 Btuh
140 — 138,000 Btuh

**Series**

Media Filter Cabinet included



MEETS DOE RESIDENTIAL CONSERVATION SERVICES PROGRAM STANDARDS

Before purchasing this appliance, read important energy cost and efficiency information available from your retailer.

As an ENERGY STAR® Partner, Carrier Corporation has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.

ISO 9001:2000

**REGISTERED QUALITY SYSTEM**

These products are engineered and manufactured under an ISO 9001 registered quality system.

# Physical data

| UNIT SIZE | 040-08 | 040-12 | 060-08 | 060-12 | 060-16 | 080-12 | 080-16 | 080-20 | 100-16 | 100-20 | 120-20 | 140-20 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SHIPPING WEIGHT (Lb) | 174 | 175 | 180 | 182 | 183 | 198 | 205 | 214 | 229 | 232 | 261 | 261 |
| LIMIT CONTROL | SPST | | | | | | | | | | | |
| HEATING BLOWER CONTROL (Off Delay) | Selectable 90, 120, 150, or 180 Sec. | | | | | | | | | | | |
| BURNERS (Monoport) | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 6 | 6 |
| GAS CONNECTION SIZE | 1/2-in. NPT | | | | | | | | | | | |
| GAS VALVE (Redundant) Manufacturer | White-Rodgers | | | | | | | | | | | |
| Minimum Inlet Pressure (In. wc) | 4.5 (Natural Gas) | | | | | | | | | | | |
| Maximum Inlet Pressure (In. wc) | 13.6 (Natural Gas) | | | | | | | | | | | |
| IGNITION DEVICE | Hot Surface | | | | | | | | | | | |

| UNIT SIZE | 040-08 | 040-12 | 060-08 | 060-12 | 060-16 | 080-12 | 080-16 | 080-20 | 100-16 | 100-20 | 120-20 | 140-20 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DIRECT-DRIVE MOTOR h.p. (PSC) | 1/5 | 1/3 | 1/5 | 1/3 | 1/2 | 1/3 | 1/2 | 3/4 | 1/2 | 3/4 | 3/4 | 3/4 |
| MOTOR FULL LOAD AMPS | 4.9 | 5.8 | 4.9 | 5.8 | 7.9 | 5.8 | 7.9 | 11.1 | 7.9 | 11.1 | 11.1 | 11.1 |
| RPM (Nominal) — SPEEDS | 1075—3 | 1075—4 | 1075—3 | 1075—4 | | | | | | | | |
| BLOWER WHEEL DIAMETER X WIDTH (In.) | 10 x 6 | 10 x 7 | 10 x 6 | 10 x 7 | 11 x 8 | 10 x 7 | 11 x 8 | 11 x 10 | 11 x 8 | 11 x 10 | 11 x 10 | 11 x 10 |
| FILTER SIZE (In.) — (Washable) | (1) 16 x 25 x 1 | | | | | | | (1) 20 x 25 x 1 | | | (1) 24 x 25 x 1 | |

PSC—Permanent Split Capacitor

# Clearance to combustibles



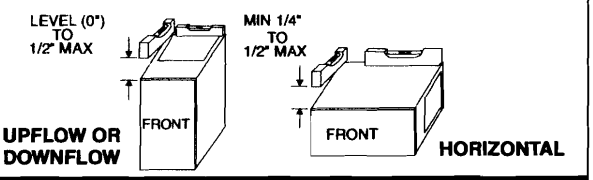
## INSTALLATION

This forced air furnace is equipped for use with natural gas at altitudes 0 - 10,000 ft (0 - 3,050m), except 140 size Furnaces are only approved for altitudes 0 - 7,000 ft. (0 - 2,135m).
An accessory kit, supplied by the manufacturer, shall be used to convert to propane gas use or may be required for some natural gas applications.
This furnace is for indoor installation in a building constructed on site. This furnace may be installed in a manufactured (mobile) home when stated on rating plate and using factory authorized kit.
This furnace may be installed on combustible flooring in alcove or closet at minimum clearance from combustible material.
This appliance requires a special venting system. Refer to the installation instructions for parts list and method of installation. This furnace is for use with schedule-40 PVC, PVC-DWV, CPVC, or ABS-DWV pipe, and must not be vented in common with other gas-fired appliances. Construction through which vent/air intake pipes may be installed is maximum 24 inches (600 mm), minimum 3/4 inches (19 mm) thickness (including roofing materials).

Cette fournaise à air pulsé est équipée pour utilisation avec gaz naturel et altitudes comprises entre 0 - 3,050m (0-10,000 pi), excepté quelles fournaises de 140 taille sont pour altitudes comprises entre 0 - 2,135m (0 - 7,000 pi).
Utiliser une trousse de conversion, fournie par le fabricant, pour passer au gaz propane ou pour certaines installations au gaz naturel.
Cette fournaise à air pulsé est pour installation à l´intérieur dans un bâtiment construit sur place. Cette fournaise à air pulsé peut être installée dans une maison préfabriquée (maison mobile) si prescrit par la plaque signalétique et si l´on utilise une trousse specifiée par le fabricant.
Cette fournaise peut être installée sur un plancher combustible dans un enfoncement ou un placard en observant les dégagements minimums avec les matériaux combustibles.
Cet appareil nécessite un système d´évacuation spécial. La méthode d´installation et la liste des pièces nécessaires figurent dans les instructions d´installation.Cette fournaise doit s´utiliser avec la tuyauterie des nomenclatures 40 PVC, PVC-DWV, CPVC, ou ABS-DWV et elle ne peut pas être ventilée conjointment avec d´autres appareils à gaz. Épaisseur de la construction au travers de laquelle il est possible de faire passer les tuyaux d´aération (admission/évacuation): 24 po (600 mm) maximum, 3/4 po (19 mm) minimum (y compris la toiture).

For upflow and downflow applications, furnace must be installed level, or pitched within 1/2" of level. For a horizontal application, the furnace must be pitched minimum 1/4" to maximum of 1/2" forward for proper drainage. See Installation Manual for IMPORTANT unit support details on horizontal applications.

Pour des applications de flux ascendant et descendant, la fournaise doit être installée de niveau ou inclinée à pas plus de 1/2" du niveau. Pour une application horizontale, la fournaise doit être inclinée entre minimum 1/4" et maximum 1/2" du niveau pour le drainage approprié. En cas d'installation en position horizontale, consulter les renseignements IMPORTANTS sur le support dans le manuel d'installation.




### MINIMUM INCHES CLEARANCE TO COMBUSTIBLE CONSTRUCTION

**ALL POSITIONS:**

* Minimum front clearance for service 30 inches (762mm).
†† 140 size furnaces require 1 inch back clearance to combustible materials.

**DOWNFLOW POSITIONS:**

† For installation on combustible floors only when installed on special base No. KGASB0201ALL, Coil Assembly, Part No. CD5 or CK5, or Coil Casing, Part No. KCAKC.

**HORIZONTAL POSITIONS:**

Line contact is permissible only between lines formed by intersections of top and two sides of furnace jacket, and building joists, studs, or framing.
§ Clearance shown is for air inlet and air outlet ends.
Ø 120 and 140 size furnaces require 1 inch bottom clearance to combustible materials.

### DÉGAGEMENT MINIMUM EN POUCES AVEC ÉLÉMENTS DE CONSTRUCTION COMBUSTIBLES

**POUR TOUS LES POSITIONS:**

* Dégagement avant minimum de 762mm (30 po) pour l´entretien.
†† Pour les fournaises de 140 taille, 1 po (25mm) dégagement des matériaux combustibles est requis au-arriere.

**POUR LA POSITION COURANT DESCENDANT:**

† Pour l´installation sur le plancher combustible seulement quand on utilise la base spéciale, pièce nº KGASB0201ALL, l´ensemble serpentin, pièce nº CD5 ou CK5, ou le carter de serpentin, pièce nº KCAKC.

**POUR LA POSITION HORIZONTALE:**

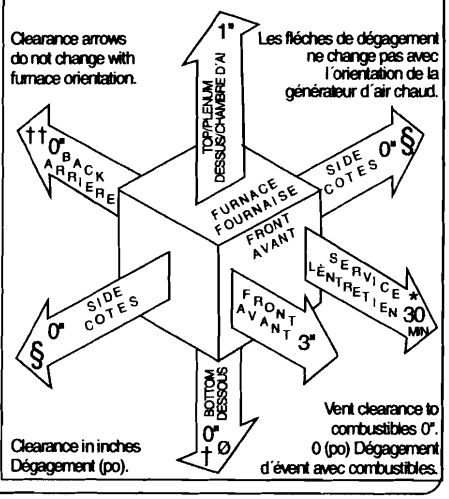
Le contact n´est permis qu´entre les lignes formées par les intersections du dessus et des deux côtés de la chemise de la fournaise, et des solives, des montants ou de la charpente du bâtiment.
§ La distance indiquée concerne l´extrémité du tuyau d´arrivée d´air et l´extrémité du tuyau de sortie d´air.
Ø Pour les fournaises de 120 et 140 taille, 1 po (25mm) dégagement des matériaux combustibles est requis au-dessous.

This furnace is approved for UPFLOW, DOWNFLOW and HORIZONTAL installations.

Cette fournaise est approuvée pour l´installation HORIZONTALE et la circulation d´air VERS LE HAUT et VERS LE BAS.

Clearance arrows do not change with furnace orientation.

Les flèches de dégagement ne change pas avec l´orientation de la générateur d´air chaud.




Clearance in inches
Dégagement (po).

Vent clearance to combustibles 0".
0 (po) Dégagement d´évent avec combustibles.

324999-201 REV. D (LIT TOP)

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