

**City of Portland, Maine - Building or Use Permit Application**

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

Permit No: 03-0957	Issue Date:	CBL: 129 A005001
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Location of Construction: 688 Forest Ave	Owner Name: Mantgiaris Peter & Xenia Jts	Owner Address: 1706 Willow Ct	Phone:
Business Name:	Contractor Name: Avery Services, Inc.	Contractor Address: 7 Thomas Drive Westbrook	Phone: 2077728687
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	Zone: B2b

Past Use: Valley Chinese Restaurant/Commercial	Proposed Use: Valley Chinese Restaurant/Commercial	Permit Fee: \$165.00	Cost of Work: \$151,237.00	CEO District: 3
		FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: A3 Type VA 8/15/03 Signature: <i>[Signature]</i>	

Proposed Project Description:  
Install a Natural Gas Heating System in Attic Area/Direct Vent

*REPLACEMENT IN KIND LIGHTER UNITS*

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

PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)

Action:  Approved  Approved w/Conditions  Denied

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

Permit Taken By: gad	Date Applied For: 08/06/2003	<b>Zoning Approval</b>
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<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><b>Special Zone or Reviews</b></p> <p><input type="checkbox"/> Shoreland</p> <p><input type="checkbox"/> Wetland</p> <p><input type="checkbox"/> Flood Zone</p> <p><input type="checkbox"/> Subdivision</p> <p><input type="checkbox"/> Site Plan</p> <p>Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/></p> <p>Date: <i>8/12/03</i></p>	<p><b>Zoning Appeal</b></p> <p><input type="checkbox"/> Variance</p> <p><input type="checkbox"/> Miscellaneous</p> <p><input type="checkbox"/> Conditional Use</p> <p><input type="checkbox"/> Interpretation</p> <p><input type="checkbox"/> Approved</p> <p><input type="checkbox"/> Denied</p> <p>Date: _____</p>	<p><b>Historic Preservation</b></p> <p><input checked="" type="checkbox"/> Not in District or Landmark</p> <p><input type="checkbox"/> Does Not Require Review</p> <p><input type="checkbox"/> Requires Review</p> <p><input type="checkbox"/> Approved</p> <p><input type="checkbox"/> Approved w/Conditions</p> <p><input type="checkbox"/> Denied</p> <p>Date: <i>[Signature]</i></p>
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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



FILL IN AND SIGN WITH INK

03-0957

# APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT



129 A005

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 688 Forest Ave Use of Building Restaurant Date 8/6/03  
 Name and address of owner of appliance XENIA MANTOUKIS 688 FOREST AVE PORTLAND, ME  
RESTAURANT - VALLEY CHINESE RESTAURANT  
 Installer's name and address ACEITY SERVICES, INC THOMAS DRIVE WESTBROOK, ME  
 Telephone 790-8087 04092

### Location of appliance:

- Basement
- Attic
- Floor
- Roof

### Type of Fuel:

- Gas
- Oil
- Solid

Appliance Name: Cover Condensing Gas Furnace

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 # PVT 1431
- Other \_\_\_\_\_

### Type of Chimney:

- Masonry Lined  
Factory built \_\_\_\_\_
- Metal  
Factory Built U.L. Listing # \_\_\_\_\_
- Direct Vent  
Type PVC UL# \_\_\_\_\_

### Type of Fuel Tank

- Oil
- Gas

None (natural gas)

Size of Tank \_\_\_\_\_

Number of Tanks \_\_\_\_\_

Distance from Tank to Center of Flame \_\_\_\_\_ feet.

Cost of Work: \$ 15,127.00

Permit Fee: \$ \_\_\_\_\_ 165.00

### Approved

### Approved with Conditions

Fire: \_\_\_\_\_

Ele.: \_\_\_\_\_

Bldg.: \_\_\_\_\_

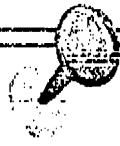
- See attached letter or requirement

Inspector's Signature

Date Approved

Signature of Installer Douglas C. [Signature]

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



# AVERY SERVICES INC

FAX# 207-874-0933 PHONE# 207-772-8687

## Just the Fax

From: DOUG AVERY  
 Date: 8/14/03  
 # of pages to follow: 5  
 Attention: Mike Nugent

- RE: A) EXISTING FAN COIL/DUCT  
 FURNACE 465 lbs
- B) New furnaces/coils  
 460 lbs
- C) Existing Cond Unit  
 approx 500 lbs
- D) New Condensing Units  
 480 lbs

IF you NEED OTHER INFO  
 PLEASE CALL ME @ 772-8687  
 Thankyou, Mike

# 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 nonmanufactured (mobile) home when stired on rating plate and using factory authorized lot.

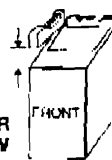
This furnace may be installed on combustible flooring in alcove or closet at minimum clearance from combustible material. This appliance requires a special venting system. Refer to the installation instructions for joints list and method of installation. This furnace is for use with schedule-40 PVC, 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 (600mm), minimum 3/4 inches (19mm) 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 que les fournaises de 140 taille sont pour altitudes comprises entre 0 - 2,135m (0 - 7,000 pi). Utilisez 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 aléatoire et si l'on utilise une trousse spécifiée 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 normatiées 40 PVC, PVC-DWV, CPVC, ou ABS-DWV et elle ne peut pas être ventilée conjointement avec d'autres appareils à gaz. L'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).

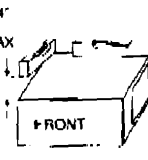
For upflow and downflow applications, furnace must be installed level, or pitched within 1/2" of level. For a horizontal application, the furnace must be pitched minimum 1/4" to maximum of 1/2" forward for proper drainage. See Installation Manual for IMPORTANT unit support details on horizontal applications.

LEVEL (0°)  
1/2" MAX



UPFLOW OR DOWNFLOW

MIN 1/4" TO 1/2" MAX



HORIZONTAL

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, (Kit Assembly Part No. CD5 or CK5, or Coil Casting 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.
- 120 and 140 size furnaces require 1 inch bottom clearance to combustible materials.

### DÉGAGEMENT MINIMUM EN POUCHES AVEC ÉLÉMENTS DE CONSTRUCTION COMBUSTIBLES POUR TOUTES 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 arrière.

#### POUR LA POSITION COURANT DESCENDANT:

- † Pour l'installation sur le plancher combustible seulement quand on utilise la base spéciale, pièce n° KGASB0201ALL, l'ensemble suspendu, pièce n° CD5 ou CK5, ou la carter de serpentin, pièce n° KCAKC.

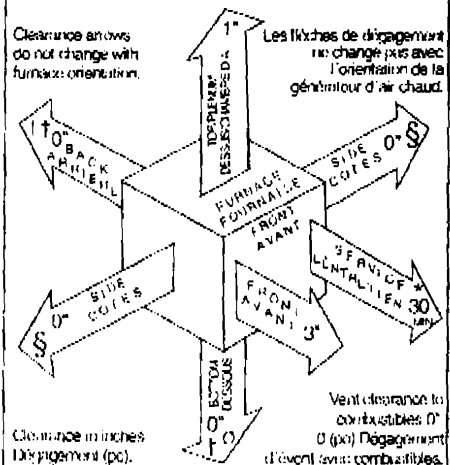
#### POUR LA POSITION HORIZONTALE:

- Le contact n'est permis qu'entre les lignes formées par les intersections du dessus et des deux côtés de la cheminée de la fournaise, et des solives, des montants ou de la charpente du bâtiment.
- La distance indiquée est celle l'extrémité du tuyau d'arrivée d'air et l'extrémité du tuyau de sortie d'air.
- 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 allows do not change with furnace orientation.

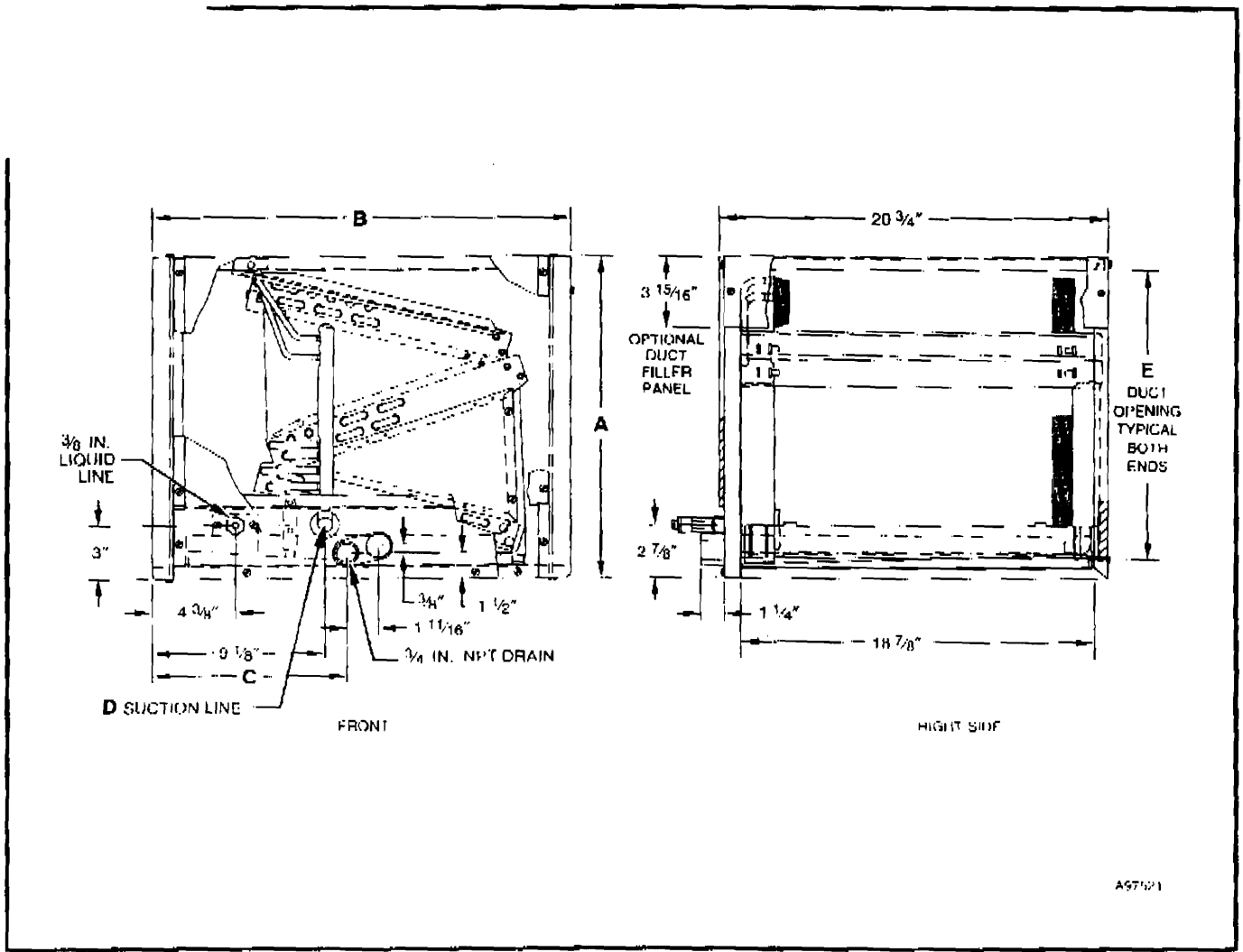


324999-201 REV. D (LIT TOP)

A02148

*Carrier 58MXA FURNACES*





DIMENSIONS (In.)

UNIT	A	B	C	D	E	SHIPPING WEIGHT (LB)
CK3BXA024017	17-9/16	19-1/16	10-1/16	5/8	16	37.0
CK3BXA030017	17-9/16	19-1/16	10-1/16	3/4	16	40.5
CK3BXA035017	17-9/16	22-1/16	10-1/4	3/4	16	45.5
CK3BXA042021	21-1/16	22-1/16	10-1/4	7/8	19-1/2	47.0
CK3BXA048021	21-1/16	22-1/16	10-1/4	7/8	19-1/2	51.0
CK3BXA060024	24-9/16	28-1/8	13-3/16	7/8	23	64.0

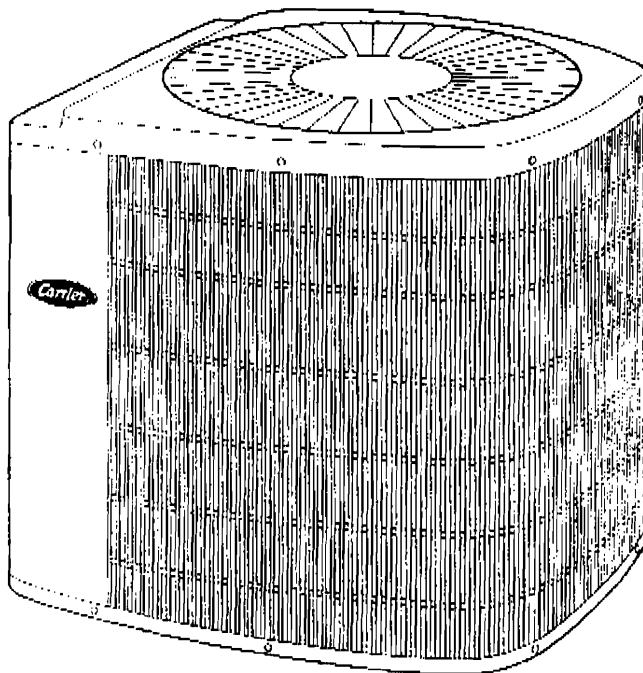
CARRIER COOLING COILS



## Product Data

## 38TKB (60 Hz) Air Conditioner

Sizes 018 thru 060



Model 38TKB Energy-Efficient Air Conditioner incorporates innovative technology to provide quiet, reliable cooling performance. Built into these units are the features most desired by homeowners today, including SEER ratings of up to 11.5 when used with specific Carrier indoor sections. All models are listed with ARI, UL, c-UL, CFC, and CSA-FEV.

### AVAILABLE OPTIONS

**Electrical Range** All units are offered in 208-230v single phase.

**Wide Range of Sizes** Available in 7 nominal sizes from 018 through 060 to meet the needs of residential and light commercial applications.

**WeatherArmor™ III System** The casing steel is galvanized and coated with a layer of zinc phosphate. A modified polyester powder coating is then applied and baked on, providing each unit with a hard, smooth finish that will last for many years.

All screws on the cabinet exterior are SermaGuard™ coated for a long lasting, rust resistant, quality appearance.

The coil is protected by an enhanced WeatherArmor™ heavy duty inlet grille. Constructed of a coated 12 gage steel wire grid and with spacing of 3/8 in., the guard helps to protect the coil from inclement weather, vandalism, and incidental damage. It provides protection while not restricting airflow and maintaining ease of coil inspection and cleaning.

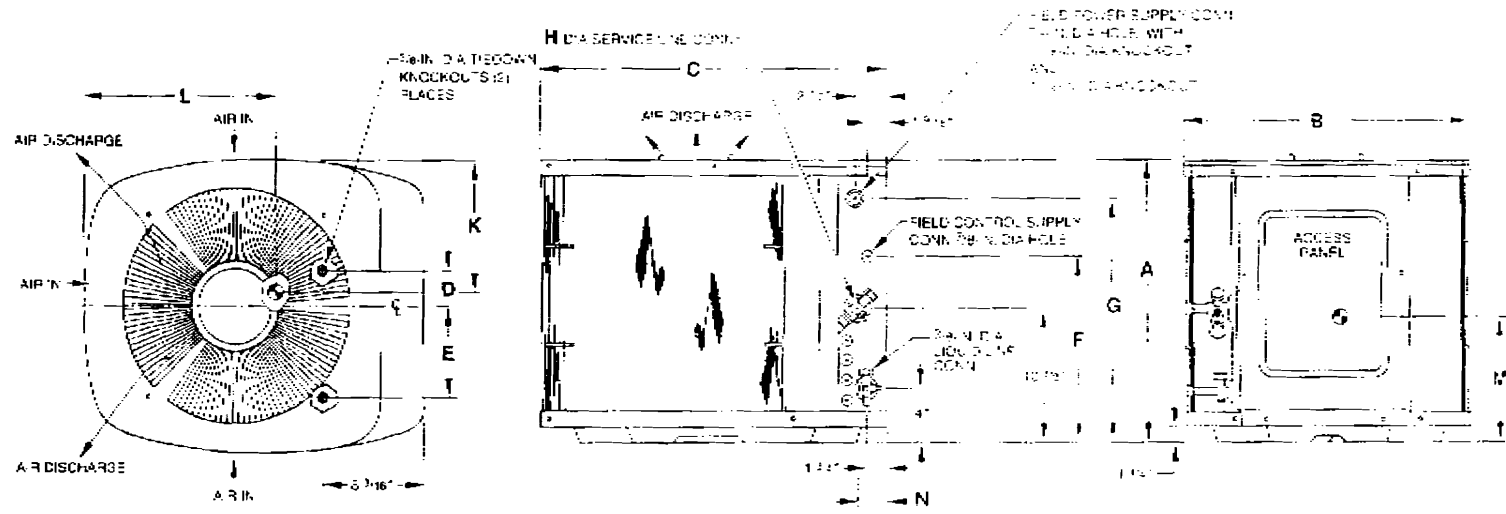
### Totally Enclosed Fan Motor

Means greater reliability under adverse weather conditions, and dependable performance for many years. The permanent-split capacitor type motor was designed for optimum

Dimensions

NOTES:

1. Allow 30 in. clearance to service side of unit, 48 in. above unit, 6 in. on one side, 12 in. on remaining side, and 24 in. between units for proper airflow.
2. Minimum outdoor operating ambient in cooling mode is 55°F (unless low-ambient control is used) max 125°F.
3. Series designation is the 13th position of the unit model number.
4. Center of gravity



*Roof top Cond Unit (weigh 240lbs each)*

DIMENSIONS (IN.)

UNIT SIZE	SERIES	UNIT DIMENSIONS											MINIMUM MOUNTING PAD DIMENSIONS	
		A	B	C	D	E	F	G	H	K	L	M		N
018	30	21-7/8	22-1/2	27-1/2	2-13/16	6-15/16	9-3/8	17-7/8	5/8	12-3/16	14-1/2	10-3/8	2-3/8	20 x 27
024	30	21-7/8	22-1/2	27-1/2	2-13/16	6-15/16	9-3/8	17-7/8	5/8	12-3/16	14-1/2	10-3/8	2-3/8	20 x 27
030	30	31-7/8	22-1/2	27-1/2	2-13/16	6-15/16	21-1/2	27-7/8	3/4	12-3/16	14-3/4	11-13/16	2-3/8	20 x 27
036	30	31-7/8	22-1/2	27-1/2	2-13/16	6-15/16	21-1/2	27-7/8	3/4	12-3/16	14-3/4	11-13/16	2-3/8	20 x 27
042	30	31-7/8	30	34-15/16	4	9-3/4	21-1/2	27-7/8	7/8	15-3/4	19	12-13/16	2-15/16	28 x 32
048	34 35	31-7/8	30	34-15/16	4	9-3/4	21-1/2	27-7/8	7/8	15-1/2	20-7/16	14-1/16	2-15/16	26 x 32
060	33	37-7/8	30	34-15/16	4	9-3/4	21-1/2	27-7/8	7/8	15-3/4	19-15/16	14-1/16	2-13/16	26 x 32



# PROPOSAL

407

AVERY SERVICES, INC.  
7 Thomas Drive  
WESTBROOK, MAINE 04092  
(207) 772-8687

38TKB 246KVA  
58MXA 205KVA

Page 1 of 2

FAX (207) 874-0933

TO: Xenia Mantgiaris  
% Anna Zafirson  
12 Richards Way  
Saco ME 04072

PHONE Fax 774-8707	DATE 8/4/03
JOB NAME / LOCATION HVAC System Emergency Replacement Valley Chinese -688 Forest Ave. - Portland, Me.	
JOB NUMBER DCA-	JOB PHONE

We hereby submit specifications and estimates for:

Avery Services, Inc. is pleased to quote as requested on the emergency replacement of your (failing) existing HVAC System at your, 688 Forest Ave. building. Scope of work to include:

- Removal & disposal of the existing HVAC equipment as per EPA Laws.
- Supply & install (2) Carrier 58MXA080 condensing gas furnaces twinned together, located in the same area as the existing fan coil /duct furnace.
- Supply & install (2) Carrier cooling coils (1 for each furnace) in the supply duct work of the furnaces.
- Supply & install PVC flue piping from each furnace out through the \*side wall or roof as required .
- Supply & install (2) Carrier 38TKB condensing units set on sleepers on the roof near old unit location, includes interconnecting refrigerant piping and low voltage wiring.
- Supply & install pvc condensate lines from the furnace/coils to an indirect waste (indirect waste provided by others).
- Supply and install a disconnect & whip for each new condensing units \* tied into the existing power supply, also supply power to the new furnaces.
- Supply & install a Carrier non programmable (2 stage) thermostat located in the same location as the old thermostat.
- Reconnect gas piping from the existing gas supply to the new furnaces, and reconnect the new furnaces into the existing supply/return duct work systems.
- Price includes: disposal of equipment, \* a \$1,200.00 electrical allowance - if it requires more we will notify you with a change order, warranties from ASI & Manufacturers (one year parts & Labor) as discussed. (manufacture's includes: limited lifetime on the heat exchangers, 5 year on parts only for furnace & condensing units, except a 10 yr parts only compressor warranty).
- Start up and test.

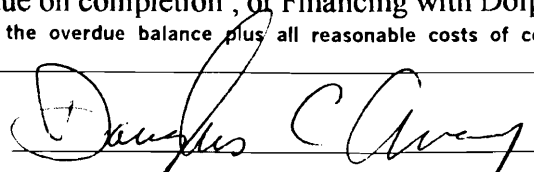
**We Propose** hereby to furnish material and labor — complete in accordance with the above specifications, for the sum of: **Cont'd** dollars (\$ **Cont'd** ).

Payment to be made as follows:

**25% upon acceptance- progress billing/net 10 days - full balance due on completion , or Financing with Dolphin Capital**  
If payment is not made as outlined above, a service charge of 2% per month on the overdue balance plus all reasonable costs of collection, including attorney's fees will be paid.

All material is guaranteed to be as specified. All work to be completed in a professional manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado, and other necessary insurance. Our workers are fully covered by Worker's Compensation insurance.

Authorized Signature



Note: This proposal may be withdrawn by us if not accepted within

30 days.

**Acceptance of Proposal** — The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Signature \_\_\_\_\_

Signature \_\_\_\_\_

Date of Acceptance: \_\_\_\_\_

**NEBS** To Reorder:  
800-225-6380 or nebs.com

# PROPOSAL

407

**AVERY SERVICES, INC.**  
7 Thomas Drive  
WESTBROOK, MAINE 04092  
(207) 772-8687

Page 2 of 2

**FAX (207) 874-0933**

TO: Xenia Mantgiaris  
% Anna Zafirson  
12 Richards Way  
Saco ME 04072

PHONE Fax 774-8707	DATE 8/4/03
JOB NAME / LOCATION HVAC System Emergency Replacement Valley Chinese -688 Forest Ave. - Portland, Me.	
JOB NUMBER DCA-	JOB PHONE

We hereby submit specifications and estimates for:

NOTES: \*1) If required to go through the roof with the flues- the roof costs are not included in this quote.  
\*2) We carried a \$1,200.00 allowance (not able to get quote from electrician yet) if requires more can be done by change order.

EXCLUSIONS: \*Power wiring (other than as above), structural, carpentry, roof work, soffitng, painting, over time labor, fire dampers, fire systems, and adequacy of existing systems.

**We Propose** hereby to furnish material and labor — complete in accordance with the above specifications, for the sum of:  
**Fifteen Thousand One Hundred Twenty Seven and 00/100 Dollars** dollars (\$) **15,127.00** .

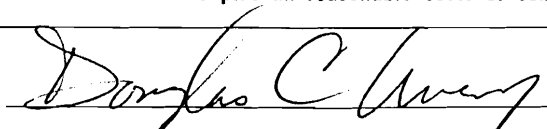
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**Capital** ~~is not made as outlined above, a service charge of 2% per month on the overdue balance plus all reasonable costs of collection, including attorney's fees will be paid.~~

All material is guaranteed to be as specified. All work to be completed in a professional manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado, and other necessary insurance. Our workers are fully covered by Worker's Compensation insurance.

Authorized Signature



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Signature \_\_\_\_\_

Signature \_\_\_\_\_

Date of Acceptance: \_\_\_\_\_

 To Reorder:  
800-225-6380 or nebs.com

**AVERY SERVICES, INC.**  
7 Thomas Drive  
WESTBROOK, MAINE 04092  
(207) 772-8687  
FAX (207) 874-0933

JOB Valley Choice  
SHEET NO. \_\_\_\_\_ OF \_\_\_\_\_  
CALCULATED BY \_\_\_\_\_ DATE \_\_\_\_\_  
CHECKED BY \_\_\_\_\_ DATE \_\_\_\_\_  
SCALE NONE

