

APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT

UL 1 3 2004

CITY OF POSTLAND

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 & Portland, and the following specifications:

Location / CBL (37 A 22	Use of Building Refact Store Date 6/23/04
Name and address of owner of appliance Portland STA	Company 254 Forest AUE
Installer's name and address AVERY SENICES	
Location of appliance: Basement (FURNACE) Roof Ground (cond. unit) Type of Fuel: Gas Oil Solid	Type of Chimney: Masonry Lined Factory built Metal Factory Built U.L. Listing #
Appliance Name: ARRIEK U.L. Approved Yes No	Direct Vent TypePvC UL#
Will appliance be installed in accordance with the manufacture's installation instructions? Yes \(\simeq \) No IF NO Explain:	Type of Fuel Tank Oil Gas NATURA Size of Tank A
The Type of License of Installer: Master Plumber # Solid Fuel # Oil # Gas #PNT_IM31 Other	Number of Tanks
Approved Fire: Ele.: Bldg:	Approved with Conditions See attached letter or requirement Inspector's Signature Date Approved
Signature of Installer White - Inspection Vellow - File	Ok - Applicant's Gold - Assessor's Conv

Cit	y of Portland, Main	e - Building or Use 1	Permit A	Application Pe	rmit No:	Issue Date:		CBL:	-	
	Congress Street, 0410	O			04-0876	PERMI	TISS	037 AC	022001	
Loc	ation of Construction:	Owner Name:	<u> </u>	Owne	er Address:			Phone:		
25	Forest Ave	Portland Stage	Company	Po I	30x 1458	JUL 1	3 2004			
Bus	iness Name:	Contractor Name	:	_	actor Address:	825		Phone		
		Averv Services	s. Inc.	7 Th	nomas Drive				687	
Less	ee/Buyer's Name	Phone:	l l	Perm	it Type:	A STREET, SALES CONTRACT	THE SHOW SELECTION OF THE SELECTION OF T	zaek	Zone:	
				HV	'AC					
Past	Use:	Proposed Use:		Pern	nit Fee:	Cost of Work	(; C	EO District:	7	
cor	nmercial	commercial fo	ootprint th	e same	\$120.00	\$10,28	5.00	1		
		Carrier replaci	ng unit	FIRE	E DEPT:	Approved	INSPECT	ION:		
						Denied	Use Grou	WA	Type: /U.	
								7//	42	
_	posed Project Description:	•							$\gamma \gamma = 1$	
cor	nmercial footprint the sar	me Carrier replacing uni	.t	Signa			Signature	lh.	flu	
				PEDI	ESTRIAN ACT	IVITIES DIST	TRICT (P.A.D.)			
				Actio	on: Appro	ved Appi	roved w/Co	ed w/Conditions Denied		
		_	Signature:				Date:			
Peri	nit Taken By:	Date Applied For:			1					
gg		06/28/2004								
1.	This permit application	does not preclude the	Specia	Zone or Reviews	Zoni	ng Appeal	ppeal Historic Preservation		servation	
	Applicant(s) from meeti Federal Rules.	ng applicable State and		land	☐ Varianc	ee		Not in Distri	ct or Landma	
2.	Building permits do not septic or electrical work		Wetla	nd	Miscella	aneous		Does Not Re	equire Review	
3.	Building permits are voi within six (6) months of		Flood	Zone	Conditional Use			Requires Re	view	
	False information may in permit and stop all work	nvalidate a building	Subdi	vision	Interpretation Approved Denied			Approved		
			Site P	lan				Approved w/Conditions		
			Maj 🗀	Minor@ MM				Denied		
			Date:		Date:		Date	*		
I ha juris shal	reby certify that I am the over been authorized by the diction. In addition, if a line thave the authority to entapermit.	owner to make this appli permit for work described	med prope cation as l d in the ap	nis authorized ager plication is issued,	nt and I agree I certify that	to conform t the code offi	o all app cial's aut	licable laws horized rep	of this resentativ	
	-									

PROPOSAL

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

FAX (207) 874-0933

TO: Portland **Stage** Company **25A** Forest Ave. Portland **ME** 04**10**1

PHONE 207/774-1043	DATE 6/2/04			
JOB NAME/LOCATION Heating and Air Condition				
JOB NUMBER MSD/	JOB PHONE			

We hereby submit specifications 1 I estimates for:

Avery Services, Inc. is pleased to submit a quote to perform the following work:

Provide & install a Carrier 58MVP Gas Fired Furnace, 94% efficient with a variable speed blower motor (Unit uses 80% less electricity and is 12 times quieter than a standard unit.).

Provide & install a Carrier Cased Cooling Coil.

Provide & install a Carrier 38CKC Condensing Unit (10 Seer). Low voltage control wiring included.

Provide & install a Carrier Thermidistat Control.

Re-use existing refrigerant piping between the two components, if possible.

Provide & install PVC Flue Venting.

Provide & install a Carrier Mechanical Air cleaner.

Provide & install a Carrier Humidifier.

Provide & install two (2) new floor supplies and replace existing **return** grille.

Tie into existing ductwork system and remove existing equipment.

EXCLUSIONS: Adequacy of Existing **Systems**, Power Wiring, Soffiting, Carpentry and **Structural**.

We Propose hereby to furnish material and labor — complete in accordance with the above specifications, for the sum of:

Ten Thousand Two Hundred Eighty Five and 00/100 Dollars

dollars (\$

10,285.00).

Payment to be made as follows:

25% upon acceptance. Progress billing/net 10 days. All balances due upon completion.

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 attornev's fees will be paid.

All material is guaranteed to be as specified. Ail 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 Signature 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.

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

30 days.

 $\begin{tabular}{lll} Acceptance & Of & Proposal - The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above. \\ \end{tabular}$

Signature

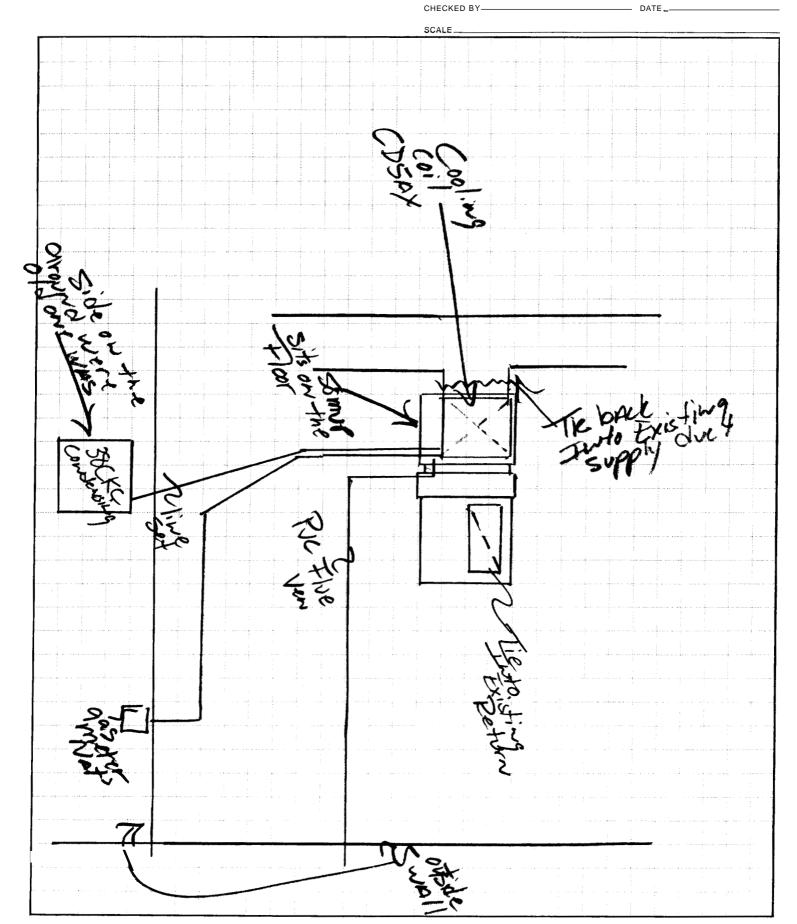
Signature

Date of Acceptance: ____

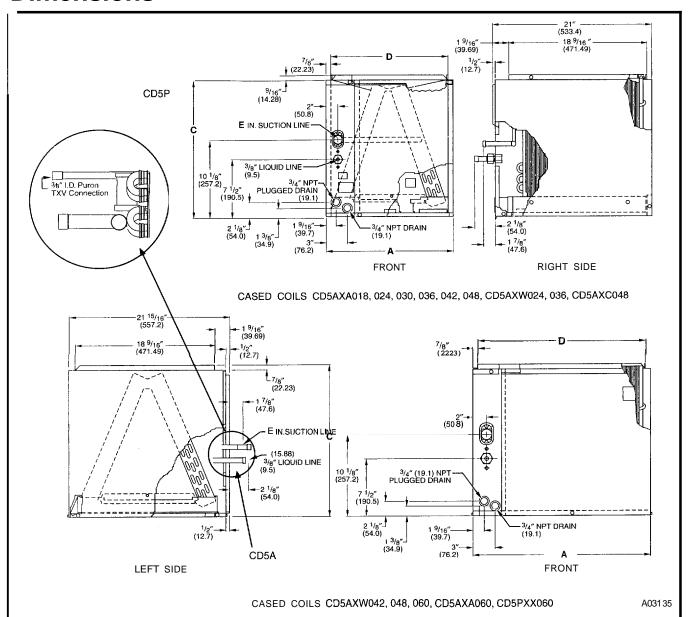
AVERY SERVICES INC. Colonel Westbrook Executive Park

7 Thomas Drive
WESTBROOK, **MAINE** 04092
(207)772-8687

SHEET NO -	OF
CALCULATED BY—	DATE



Dimensions



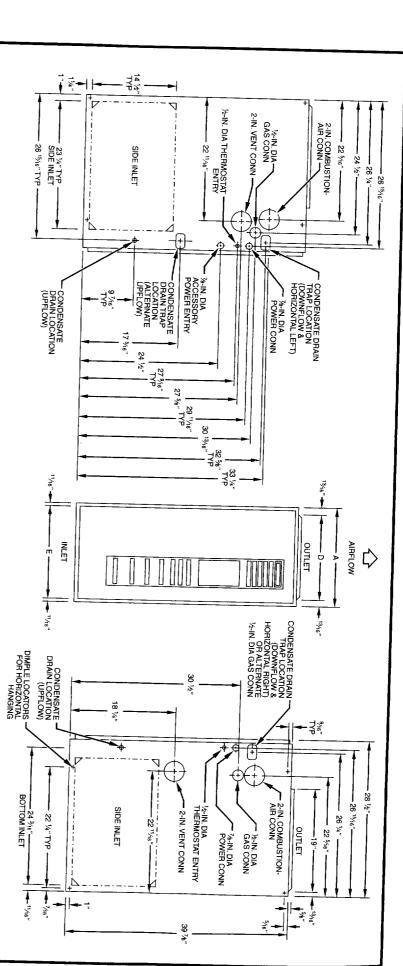
			4	(;)		E	SHIPPING WEIGHT		
UNIT	SERIES	ln.	mm	In.	mm	In.	mm	ln.	mm	Lb.	Kg.	
CD5AXA018(0,T)14	Α.	14-3/16	360.4	14-5/8	371.5	12-7/16	315.9	5/8	15.88	27	12.2	
CD5AXA024(0,T)14	Α	14-3/16	360.4	14-5/8	371.5	12-7/16	315.9	5/8	15.88	29	13.2	
CD5AXW024(0,T)17	Α	17-1/2	444.5	17	431.8	15-3/4	400.0	3/4	19.05	37	16.8	
CD5AXA030(0,T)14	Α	14-3/16	360.4	17	431.8	12-7/16	315.9	3/4	19.05	32	14.5	
CD5AXW030(0,T)17	Α	17-1/2	444.5	17	431.8	15-3/4	400.0	3/4	19.05	37	16.8	
CD5AXA036(0,T)17	Α	17-1/2	444.5	20-1/2	520.7	15-3/4	400.0	3/4	19.05	43	19.5	
CD5AXW036(0,T)21	Α	21	533.4	19	482.6	19-1/4	488.9	3/4	19.05	45	20.4	
CD5AXA042(0,T)21	Α	21	533.4	20-1/2	520.7	19-1/4	488.9	7/8	22.23	45	20.4	
CD5AXA048(0,T)21	Α	21	533.4	26-5/16	668.2	19-1/4	488.9	7/8	22.23	57	25.9	
CD5AXC048(0,T)21	Α	21	533.4	22-1/16	560.0	19-1/4	488.9	7/8	22.23	48	21.8	
CD5AXW042(0,T)24	Α	24-1/2	622.3	20-1/2	520.7	22-3/4	577.8	7/8	22.23	49	22.2	
CD5AXW048(0,T)24	Α	24-1/2	622.3	22-1/16	560.0	22-3/4	577.8	7/8	22.23	53	24.0	
CD5AXA060(0,T)24	Α	24-1/2	622.3	22-1/16	560.0	22-3/4	577.8	7/8	22.23	53	24.0	
CD5AXW060(0,T)31	Α	31-1/2	800.1	22-1/16	560.0	29-3/4	755.6	7/8	22.23	66	29.9	
CD5PXX060(0,T)24	A	24-1/2	622.3	28-1/16	712.7	22-3/4	577.9	7/8	22.23	73	33.2	

NOTE: For the 10th digit position in the model number, 0 = standard copper and T = tin-plated copper.

Dimensions — 38CKC

060 : 3	048			042	042		930	024		SZE				
37, 57, 67	37, 57, 67	36, 56, 66	30, 50, 60	35, 55	34, 54	35, 55, 63	34, 52	34	32	SERIES				
30	22-1/2	22-1/2	22-1/2	22-1/2	22-1/2	22-1/2	22-1/2	18	18	>				AIR IN AIR IN AIR IN AIR IN AIR DISCHARGE
33-15/16	33-15/16	29-15/16	29-15/16	29-15/16	27-15/16	23-15/16	21-15/16	23-15/16	21-15/16	В			T	I I I
3-1/4	3-1/4	3-1/4	3-1/4	3-1/4	3-1/4	3-3/16	3-3/16	3-3/16	3-3/16	c				
7/8	7/8	7/8	7/8	7/8	7/8	3/4	3/4	5/8	5/8	0			 	AR IN
6-1/2	3-11/16	3-11/16	3-11/16	3-11/16	3-11/16	3-11/16	3-11/16	3	3	Е				AIR DISCHARGE
23-1/2	18-1/8	18-1/8	18-1/8	18-1/8	18-1/8	18-1/8	18-1/8	15	15	П		DI	<u>x</u> + 9 + 4	
27-1/4	19-13/16	19-13/16	19-13/16	19-13/16	19-13/16	19-3/4	19-3/4	16-5/16	16-5/16	ຄ	UNIT DIN	DIMENSIONS (IN.)	NOTES: 1. Allow 30 i unit, 48 in on remair on remair 2. Minimum 55°F, ma 3. Series de model nu 4. Center of	An E ←
29-3/4	十	1	22-1/4	Н	┪	22-1/4	22-1/4	17-3/4	17-3/4	Ŧ	UNIT DIMENSIONS	ONS (IN.	in. clearand in. above un ning side, a outdoor op x. 125°F. xi. 125°F. signation is mber. gravity ❖.	
20	14-3/8	14-3/8	14-3/8	14-3/8	14-3/8	14-3/8	14-3/8	10-3/16	10-3/16	J			e to servic it, 6 in. on one and 24 in. be perating am s the 13th p	A SO AIR DISCHARG
2/-1/16	19-9/16	19-9/16	19-9/16	19-9/16	19-9/16	19-9/16	19-9/16	16-1/8	16-1/8	~			Allow 30 in. clearance to service side of 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 profing model number. 55°F. max. 125°F. Series designation is the 13th position of the unit model number. Center of gravity ❖.	AIR DISCHARGE
29-9/16	22-1/16	+-	╁	╁╴	+	+	22-1/16	17-3/4	17-3/4	_			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, max, 125°F. 3. Series designation is the 13th position of the unit model number. model number.	
15-1/2	10-3/8	10-3/8	10-3/8	10-3/8	10-3/8	10-3/8	10-3/8	7-7/8	7-7/8	×			r airflow. is	\$≥1,21
14	10-3/4	10-3/4	10-3/4	10-3/4	10-3/4	10-3/4	10-3/4	8-3/8	8-3/8	z				SIND POWER SUPPLY CONN SIND IAN HOLE WITH 1/8 IN. DIA KNOCKOUT NO 13/8 IN. DIA NOCKOUT OCKOUT 3/8 IN. DIA LIQUID LINE CONN 2 7/8" C
5	10-12	17-1/8	11-1/8	11-1/8	11-1/8	=	10-3/4	9-1/2	9-3/8	٥				r Y
30 X 30	06 A 06	22-1/2 X 22-1/2	18 X 18	18 X 18	DIMENSIONS	MOUNTING		A97043						

₽9L



- NOTES: 1. Minimum return-air openings at furnace, based on metal duct. If flex duct is used, see flex duct manufacturer's recommendations for equivalent diameters.

 2. Minimum return-air opening at furnace:
 a. For 800 CFM-16-in. round or 14½ x 12-in. rectangle.
 b. For 1200 CFM-20-in. round or 14½ x 19½-in. rectangle.
 c. For 1600 CFM-22-in. round or 14½ x 23½-in. rectangle.
 d. For airflow requirements above 1800 CFM, see Air Delivery table in Product Data combination of 1 side and the bottom, or the bottom only will ensure adequate return air openings for airflow requirements above 1800 CFM.

DIMENSIONS
5

A99111

These differences reflect the wider casing for the 96.6% AFUE furnace.	* Thoron dimonstrate		10日の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本		61-080	0.024	
sing for the 96.6% AFUE furnace.	24-1/2	21	21	21	17-1/2	24-1/2*	A
	22-7/8	19-3/8	19-3/8	19-3/8	15-7/8	22-7/8*	0
43	22	19-1/2	19-1/2	19-1/2	16	23*	П



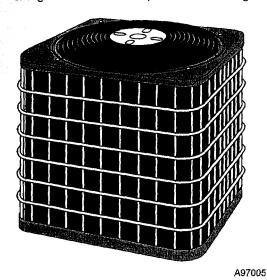
38CKC

1 and 3 Phase

Carrier Corporation • Syracuse N.Y. 13221 SUBJECT TO CHANGE WITHOUT NOTICE

STANDARD I O SEER SPLIT-SYSTEMAIR CONDITIONER

The model 38CKC Air Conditioner is available in nominal cooling sizes 018 through 060 in single phase and 030 through 060 in 3 phase. The unit features a copper tube, enhanced aluminum fin coil for a compact, low-profile appearance with vertical air discharge. Consult PDD for performance ratings.





STANDARD FEATURES

- SEER up to 11.5 with specified Carrier equipment
- Totally enclosed PSC fan motor
- External brass front seating service valves with sweat connections
- Condenser coil grille
- Compressor internal overloads
- Heat pump style base pan
- -Copper tube aluminum fin coil

LIMITED WARRANTY

- 5-year parts only warranty on entire unit
- Several extended warranty options available







ODS CATALOG ORDERING NO.	NOMINAL COOLING SIZE	VOLTS-PHASE (60 HZ)	OPERATING VOLTAGE RANGE	PACKAGED DIMENSIONS (IN.) H X W X D*†	APPROX SHIP. WT (LB)	PRICE	
38CKC0183	18	208-230-1	197-253	24X 19 X 19	118	790	
38CKC0243	24	208-230-1	197-253	26 X 19 X 19	120	833	
38CKC0303	30	208-230-1	197-253	24 X 24 X 24	129	985	
38CKC0363	36	208-230-1	197-253	26 X 24 X 24	134	1150	
38CKC0423	42	208-230-1	197-253	30 X 24 X 24	147	1236	
38CKC0483	48	208-230-1	197-253	32 X 24 X 24	177	1444	
38CKC0603	60	208-230-1	197-253	36 X 31 X 31	238	1704	
38CKC0305	30	208/230-3	187-253	24 X 24 X 24	129	1040	
38CKC0365	36	208/230-3	187-253	26 X 24 X 24	134	1205	
38CKC0425	42	208/230-3	187-253	30 X 24 X 24	147	1289	
38CKC0485	48	208/230-3	187-253	32 X 24 X 24	177	1500	
38CKC0605	60	208/230-3	187-253	36 X 31 X 31	238	1757	
38CKC0366	36	460-3	414-506	26 X 24 X 24	138	1205	
38CKC0426	42	460-3	414-506	32 X 24 X 24	147	1289	
38CKC0486	48	460-3	414-506	32 X 24 X 24	177	1500	
38CKC0606	60	460-3	414-506	36 X 31 X 31	238	1757	

All Units individually skidded for shipment.

^{e and} weight may vary by series. See Product Data Digest for exact sizes and weights. Height shown is latest series



58MVP

Carrier Corporation • Syracuse, N.Y. 13221 SUBJECT TO CHANGE WITHOUT NOTICE

WEATHERMAKER"" INFINITY 4-WAY MULTIPOISE VARIABLE-CAPACITY DIRECT-VENT CONDENSING GAS FURNACE

The 58MVP Variable-Capacity Condensing Gas Furnace features ComfortHeat™ Technology and IdealHumidity™ that controls a 2-stage gas valve, variable-speed blower motor, and variable-speed inducer motor, for maximum heating comfort, quiet operation, humidity control, and ultra-high annual fuel utilization efficiency (AFUE) of up to 96.6 percent. The unit is CSA (A.G.A. and C.G.A.) certified for installation on combustible flooring and in alcoves, basements, closets, attics, crawlspaces, garages, or utility rooms. The 58MVP can be installed in upflow. downflow, or horizontal applications, and can be used in conjunction with a Split-System product for cooling. The direct-vent, sealed-combustion system uses 100 percent outdoor air for combustion. A Carrier Thermidistat™ Control, humidifier, and air cleaner can be used to form a complete controlled environment system. All units meet California air quality management district emission requirements. All sizes are design certified in Canada.





STANDARD FEATURES

- Factory-configuredready for upflow applications
- 4-way multipoise design for upflow, downflow, or horizontal installation
- ComfortHeat™ Technology Control
- Integral part of the IdealHumidity™ System
- SmartEvap™ can lower the humidity level in the home by nearly 10%
- Monoport inshot burners with hot surface ignition
- Propane convertible
- Variable-speed blower and inducer motors, 2-stage slow opening gas valve, and self-diagnostics
- Adjustable blower speed for cooling, continuous fan, and dehumidification
- Aluminized-steel primary heat exchanger
- Serpentuff™ polypropylene-laminated condensing heat exchanger
- Fully insulated casing including blower section
- Convenient electronic air cleaner and humidifier connections
- Media Filter Cabinet included
- ComfortFan™ allows control of continuous fan speed from the thermostat
- Installation flexibility: sidewall or vertical vent
- Ultra quiet: no special noise or vibration isolation measures are required
- Sealed combustion uses outside air for combustion
- Up to 80 percent less electrical use than standard models
- Residential installations eligible for consumer financing through the Retail Credit Program

LIMITED WARRANTY

- Limited lifetime warranty on heat exchangers
- 5-year parts warranty on all other components





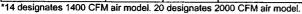








	ODS CATALOG		HEATING T (BTUH)	HEATING		COOLING	MOTOR HP	MEDIA CABINET	APPROX SHIP.	PRICE	
	ORDERING NO.*	Low	High	CFM‡Low/High	ESP	@ 0.5 ESP**	(VARIABLE SPEED)	SUPPLIED (IN.)	WT(LB)		
	58MVP040-F-114	25,000	37,000	565 (650‡) / 780	0.10	1400	1/2	24	231	1727	
	58MVP060-F-114	36,000	56,000	515 (590‡) / 1010	0.12	1400	1/2	16	189	1783	
İ	56MVP080-F-114	49,000	75,000	690 (795‡) / 1345	0.15	1400	1/2	20	218	1901	
	58MVP080-F-120	49,000	75,000	690 (795‡) / 1345	0.15	2000	1/2	20	(221)	2021	
	58MVP100-F-120	61,000	93,000	860 (990‡) / 1425	0.20	2000	1	20	243	2119	
	58MVP120-F-120	73,000	112,000	1035 (1190‡) / 1710	0.20	2000	3/4	24	270	2236	



A00204

† Capacity in accordance with DOE test procedures

Low heat CFM when bypass humidifier switch (SW1-3) on control board is used

[‡] Low heat CFM when bypass humidifier switch (SW1-3) on control poard is used

** Airflow shown is for bottom only return-air supply. For air delivery above 1800 CFM, see Air Delivery table = in Product Data Digest = for other options. **ESP-External Static Pressure**

City of Portland, Maine - Bu 389 Congress Street, 04101 Tel:	O	8716	Permit No: 04-0876	Date Applied For: 06/28/2004	CBL: 037 A022001	
Location of Construction:	Owner Name:			Owner Address:		Phone:
25 Forest Ave	Portland Stage Compa	any		Po Box 1458		
Business Name:	Contractor Name:			Contractor Address:		Phone
Avery Services, Inc.				7 Thomas Drive W	estbrook	(207) 772-8687
Lessee/Buyer's Name	Phone:		1	Permit Type: HVAC		
Proposed Use:		Pı	ropose	d Project Description:		
commercial footprint the same Ca	rrier replacing unit	C	omme	ercial footprint the	same Carrier replac	ing unit
Dept: Building Status: Note:	Approved	Revie	ewer:	Mike Nugent	Approval Da	te: 07/12/2004 Ok to Issue: ✓

City of Davidson J. Maine. De	-ildi	L	Permit No:	Date Applied For:	CBL:			
City of Portland, Maine - Bu	O		04.0076	06/28/2004	037 A022001			
389 Congress Street, 04101 Tel	: (207) 874-8703, Fax: (207)874-8716	0.0070	00,20,200.	007 11022001			
Location of Construction:	Owner Name:	(Owner Address:	-	Phone:			
25 Forest Ave	Portland Stage Compa	ny 1	Po Box 1458					
Business Name: Contractor Name: Contractor Addre					Phone			
	Avery Services, Inc.	,	7 Thomas Drive W	⁷ estbrook	(207) 772-8687			
Lessee/Buyer's Name	Phone:	P	ermit Type:					
		l <u>l</u>	HVAC					
Proposed Use:		Proposed	l Project Description:	:				
commercial footprint the same Ca	rrier replacing unit	comme	commercial footprint the same Carrier replacing unit					
Dept: Building Status:	Approved	Reviewer:	Mike Nugent	Approval Da	ate: 07/12/2004			
Note:					Ok to Issue:			