	ation of Construction:	Owner Name:		Owner	· Address:	1210 a a a	Phone	
602	2 Brighton Ave	Joseph R. Maz	ziotti	555 I	Forest Ave	MAR 3 0 2	^{JUD} 207- 1 75-31	.48
Busi	ness Name:	Contractor Name	:		actor Address:		Phone	
Ĺ		Portland Airco	nditioning, Inc.			LAOUEUDUS]	LAND207767456	
Less	ec/Buyer's Name	Phone:		Permit	t Type: Of			Zone:
Past	Use:	Proposed Use:		Permi	it Fee:	Cost of Work:	CEO District:	
Co	mmercial- Professional Offices	1	Professional Offices/		\$93.00	\$7.200.0		- <u>-</u>
		Air Condition	rior Carrier Comfort er	TO		Denied Us	SPECTION: de Group:	Type: VAZ
Prop	posed Project Description:			1	54	'	N 1112 31	j i
ins	tall an exterior Carrier Comfort A	ir Conditioner			ture Gree		gnature YV	29/06
				PEDE	STRIAN ACT	IVITIES DISTRIC	CT (P.A:D.) /	7
				Action	n: Appro	ved Approve	ed w/Conditions I	Denied
				Signat	ture:		Date:	
Perr	nit Taken By: Date A	pplied For:			Zoning	g Approval		
ld	obson I 03/1	6/2006	_		1		7	
1.	1 11		Special Zone or Revi	iews		ing Appeal	Historic Preser	
	Applicant(s) from meeting applicant Federal Rules.	icable State and	Shoreland		Variano	ce	Not in District	or Landmar
2.	Building permits do not include septic or electrical work.	plumbing,	Wetland		Miscell	aneous	Does Not Requ	ire Review
3.	Building permits are void if wor within six (6) months of the date		Flood Zone		Conditi	onal Use	Requires Revie	ew
	False information may invalidat permit and stop all work	e a building	Subdivision		Interpre	etation	Approved	
			Site Plan		Approv	ed	Approved w/Co	onditions
			Maj Minor MA	4 5□	Denied		Denied	\geq

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

City of Portland, M	aine - Bu	ilding or Use Permit	t		Permit No:	Date Applied For:	CBL	
•		(207) 874-8703, Fax: (207)		871 <u>6</u>	06-0352	03/16/2006	18	4 G001001
Location of Construction:		Owner Name:		0	wner Address:		Phone	e:
602 Brighton Ave		Joseph R. Mazziotti		5	55 Forest Ave.		207-	775-3 148
Business Name:		Contractor Name:		Co	ontractor Address:		Phone	e
		Portland Airconditionin	ng, Inc	2	05 Lincoln St. S. l	Portland	(207	7) 767-4567
Lessee/Buyer's Name		Phone:		Pe	ermit Type:			
					HVAC			
Proposed Use:			Pr	roposed	Project Description:			
Commercial- Profession Comfort Air Conditione		nstall an exterior Carrier	ir	nstall a	n exterior Carrier	Comfort Air Condit	ioner	
Connort An Conditions	L							
			!					
								~
Note:							Ok to	Issue:
1) Separate permits are	required for	r electrical work						
Dept: Fire	Status:	Approved with Conditions	s Revie	wer:	Cptn Greg Cass	Approval D	_ ate:	03/17/2006
Note:					-		Ok to	Issue:

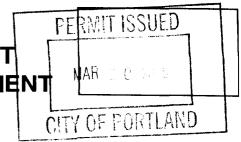
1) Install shall comply with NFPA 54

OF PORTLAND



FILL IN AND SIGN WITH INK

APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT



To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

While - Inspection

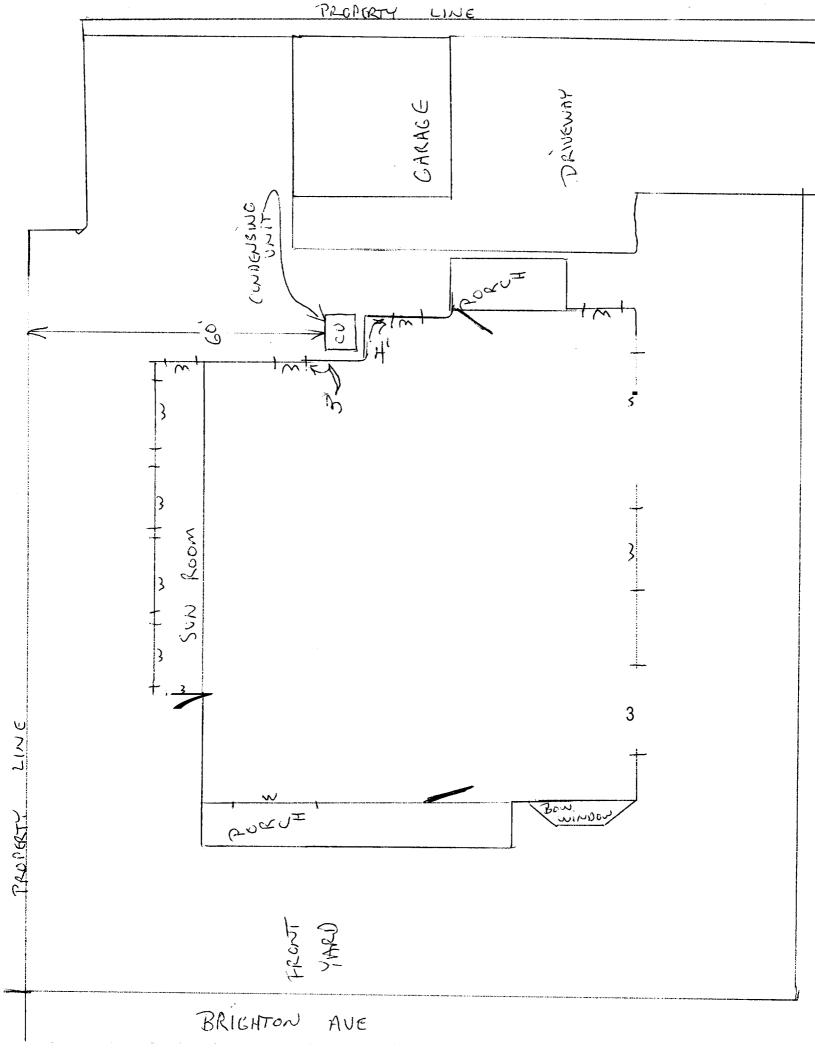
Yellow - File

Pink - Applicant's

Gold - Assessor's Copy

Th	ie undersigned	hereby a	ppliesfor	· a permit	t to install	thefollowing	heating,	cooking	orpower	equipment	in
accordanc	ce with the Lav	vs of Mai	ne, the Bi	uilding C	ode of the	City of Portle	and, and	the follow	ving speci	ifications:	

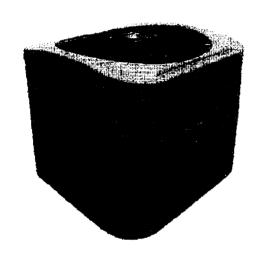
Location / CBL 24772 84-6-1 Name and address of owner of appliance Society A OZ Brighton Installer's name and address Portland Accord 40 Marson Libby Road, Starborn	Use of Building Commencial Date 3/15/11. Mazzioti
Location of appliance: Basement	Type of Chimney: Masonry Lined Factory built Metal Factory Built U.L.Listing # Direct Vent Type UL# Type Type of Fuel Tank Gas Size of Tank Off Distance from Tank to Center of Flame feet.
Oil # Approved	Cost of Work: \$\frac{1}{2} \cdot \cdot \frac{2}{2} \cdot \frac{2}{
Fire: Ele.: Bldg.: Signature of Installer	See attached letter or requirement Inspector's Signature Date Approved



24ACR3
Comfort ™ Series 13 Air Conditioner
Sizes 18 To 60
1-1/2 To 5 Nominal Tons



Product Data





INDUSTRY LEADING FEATURES / BENEFITS

Efficiency

- 13 SEER / 11.0 EER (Nominal)
- Microtube Technology[™] refrigeration system
- Indoor sir quality accessories available

Sound

- Sound level as low as 74dBA
- Compressor sound blanket

Comfort

- System supports Thermidistat™ or standard thermostate controls
- Tech Assist ** with 6 step diagnostics at-a-glance

Reliability

- Front-seating service valves
- Serell compressor
- Internal pressure relief valve
- Internal thermal overload
- High pressure switch
- Low pressure switch
- Filter dries
- Balanced refrigeration system for maximum reliability

Durability

WeatherArmor™ protection package:

- Solid, Durable sheet metal construction
- Louvered coil guard
- · Baked-on, complete coverage, powder paint
- Color matched ceramic costed screws

Applications

- Long-line up to 250 ft, total equivalent length, up to 200 ft condenser above evaporator, or up to 80 ft. evaporator above condenser (See Longline Guide for more information.)
- Low ambient (down to -20°F) with accessory kit

Warranty

- 10 year limited compressor warranty
- 5 year limited parts warranty

PHYSICAL DATA

_16-30	24-30	- 10 - 10 -	36 - 30	44_30_	46-30	00-36/01
143	149	166	186	225	265	271
165	171	193	214	283	299	304
			Scrall			
		Fr	eon® (R-22)			
		TXV (R	-22 Hard Shu	itoff)		
4.9	4.75	5.16	6.1	7.15	9.25	11.6/12.4
		Propelle	r Type, Direct	Drive		
			Vertical			
1880	2200	3170	\$170	4050	4050	4050
1/:2	1/10	1/5	1/5	1/5	1/5	1/5
1100	1100	800	800	800	900	800
11.49	13.13	12.93	17-25	21.58	27.66	20,12
25	25	25	25	26	25	2D
	1	1	1	1	1	2
3	4	4	4	5	7	7
		·				
5/8	5/8	3/4	9/4	7/8	7/8	7/8
			3/8"			
· · · · · · · · · · · · · · · · ·						
5/8		3,	/4		7/8	1-1/B
		 .	3/8			
	143 165 165 4.9 1980 1/*2 1100 11.49 25 1 3	143 149 165 171 4.9 4.75 1880 2200 1/-2 1/10 1100 11.49 13.13 25 29 1 1 1 3 4 5/8 5/8	143 149 166 165 171 193 From TXV (R 4.9 4.75 5.16 Fropelle 1880 2200 3170 1/*2 1/10 1/5 1100 1100 800 11.49 13.13 12.93 25 25 25 1 1 1 1 3 4 4 5/8 5/8 3/4	143 149 165 188 165 171 193 214 Scroll Freon® (R-22) TXV (R-22 Hard Shu 4.9 4.75 5.16 8.1 Fropeller Typs, Direct Vartical 1880 2200 3170 \$170 11/2 1/10 1/5 1/5 1100 800 800 11.49 13.13 12.93 17.25 25 25 25 25 25 1 1 1 1 1 1 3 4 4 4 5/8 5/8 3/4 3/4 3/8"	143 149 166 188 225 165 171 193 214 283 Scroll Freene (R-22) TXV (R-22 Hard Shutoff) 4.9 4.75 5.16 8.1 7.15 Fropeller Type, Direct Drive Varicel 1980 2200 3170 \$170 4050 1/2 1/10 1/5 1/5 1/5 1/5 1100 1100 800 800 800 800 11.49 13.13 12.93 17.25 21.58 25 25 25 25 25 26 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	143 149 166 188 225 285 165 171 183 214 283 299 Scroll Freque (R-22) TXV (R-22 Hard Shutoff) 4.9 4.75 5.16 6.1 7.15 9.25 Fropelier Type, Direct Drive Vartical 1980 2200 3170 3170 4050 4050 1/12 1/10 1/5 1/5 1/5 1/5 1100 1100 800 800 800 800 11.49 13.13 12.93 17.25 21.58 27.86 25 25 25 25 25 25 1 1 1 1 1 3 4 4 4 5 7 5/8 5/8 3/4 9/4 7/8 7/8 5/8 3/4 7/8 7/8

For tubing sets between 80 and 200 ft, horizontal or 20 ft, vertical differential (250 ft, Total Equivalent Length), consult the Longline Guideline Note: See unit Installation Instruction for proper installation.

VAPOR LINE SIZING AND COOLING CAPACITY LOSS 1-STAGE AIR CONDITIONER APPLICATIONS

LONG LINE APPLICATION. An application is considered "Long line" when the total equivalent tubing length exceeds 80 it, or when there is more than 20 It, vertical separation between indoor and outdoor units. These applications require additional accessories and system modifications for reliable system operation. The maximum allowable total equivalent length is 250 ft. The maximum vertical separation is 200 ft. when outdoor unit

is above indoor unit, and up to 60 ft when the outdoor unit is below the indoor unit, Refer to Accessory Usage Guideline below for required accessories. See Long-Line Application Guideline for required piping and system modifications. Also, refer to the table below for the acceptable vapor tube diameters based on the total length to minimize the cooling capacity loss,

Unit	Acceptable	Acceptable				τ	Cooling otal Equiva	Capacity Lient Line	Loss (%) Longth (fi	.)			
Nominal	Liquid Line	Vapor ⊔ne	-						ong Line	pplicatio	h		
Size (Bruh)	Diameter (In. OD)	Diameter QD (in.)	Stan	dard Appli	cities.			F	equires A	ççê #SOris	\$		
(Case)	(11.1 - 2)	,	25	50	80	BO+	100	125	150	175	200	225	250
18000	3/8	5/8	0	1	1	Constant					# 13	1	14 1
R-22 AC	3/0	3/4	0	0	0	Lake 1.4.2		Sec.		Stanton Co		Sulfa (1 mm
		5/8	0	1	3	Market Confe	in the same			Manager in the	76.73	14 m	
24000 R-22 AC	3/8	3/4		0	đ	17(1)	100	training to a state in		tutologue des 1	A LAND AND AND	r i i i jerioù	100
N-22 AU		7/8	Q	0	G			G (3/2)		Tally (a.)		南 电型	. 1.47 . 18
		5/8	1	3	5		76			ALL DELLA	90000		
30000 R-22 AC	3/8	3/4	0	1	1	O'THE							7.77
1,-22,74		7/8	0	0	0				1 2 2 2 2 2 2		12 1	TAGE:	1
38000	3/8	3/4	0	1	2	75.75 L	i ingr				建筑建		
FI-22 AC	3/0	7/8	O	0	1	10	3/1	Sallpager		18.3	MA -	排出地	
		3/4	1	2	3	野田が出	Jan Parke			34.7	0.22	70	Jan.
42000 FI ~ 22 AC	3/6	7/8	0	† •	7	2001115	or Zami	25		37 (1)	4.30	## 5	7. M 5 , 11
11-22-110		1 1/8	٥	Ö	O	Control of	77 D	211.25 0	0				200
		3/4	1	22	Carres 345			100	12 10	10		13	14
48000 R-22 AC	3/8	7/8	0	A STATE OF	. 'Z. '.	112	Sonal Z igo (in	(c) 5	Backetter a	沙漠 山	5	11. B	7-,-
n-22 AU		1 1/8	D		0.0	in Oil	H KO chi	O	748 mg	1000		1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1	200
8000C	3/8	7/8	1	2/17			Str. 448. 113	新科学	Print	A 40.2	y 1.9 (5)	i o	
R-22 AC	⇔ , □	1 1/8	ō	10 10		1 X	(2)(正)	190 8140 24	2	2 2 2	图 起 作的	. 3	3,

Standard Length = 80 ft. or less total equivalent length

Accilemental and the state specification of the state of

9/26/2005 COOLING PERFORMANCE FOR COMBINATION RATINGS

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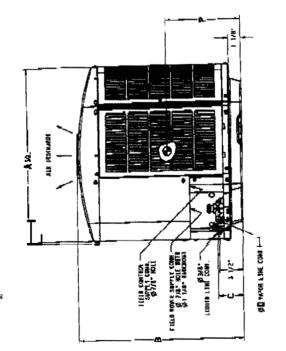
7	5	Γ									_					Γ		Γ																	
Figure Model																																			
11 44 11		11 00	11.00	11.00	11 00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	10.70	10.70	10.70	10.70	4U 2U	ן הייטון	10.70	10.70	10.70	10.70	10.70	10.70	10.70	10.70	11.00	11.00	11.00	11.50	11.50	10.70	10.70	10.70
TOP+TYV																			12.00	12.70	12.75	12.90	12.90	12.90	12.90	12.90	12.90	13.00							
7.4.1	<u></u>																																12.50	12.80	
SEER	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	12.90	12.90	12.90	12.70	19 70	_																
Standard	2																												13.00	13.00	14.00	14.00			12.50
Factory) X1	/XT	TXV	ΛXI	\XI	ΛXL	ΛXT	ΛXI	ΛX1	ΛX1	ΛXI	ΛXΤ	VXT	NONE	NON	HONE	NON	RONF	INCINE	ENON	ENON	BNON	BNON	NONE	HONE	NONE	NONE	NONE	TDR&TXV	TDR&TXV	TDR&TXV	TDR&TXV	TDR	TOR	TDR&TXV
Cooling	34,000	34,000	34,000	34,600	34,600	34,200	34,200	34,600	34,200	34,600	34,200	34,600	34,600	34,200	34,200	34,200	33,600	33 600	U7,£VU	34,000	34,200	34,200	34,200	34,200	34,200	34,200	34,200	34,400	34,200	35,000	34,800	35,000	33,800		33,800
ladoor Model	*CAR**3617A**	CAR**3614A**	CAR**3621A**	CAR**4221A**	CAR**4224A**	CNRV*3617A**	CNRV*3621A**	CNRV*4221A**	CNRH*3617A**	CNRH*4221A**	CNRF*3618A**	CSRH*3612A**	CSRH*4212A**	CC5A/CD5AA036	CC5A/CD5AW036	CCSA/CD5AA042	CC5A/CD5AW042	CF3AAn3R	3EALTOURS.	CF5AA036	CK3BA036	CK3BA042	CK5A/CK5BA036	CK5A/CK5BT036	CK6A/CK5BW036	CK5A/CK5BA042	CK5A/CK5BT042	CKSA/CK5BE042	FA4CN(F,C)036	FA4CN(F,C)042	FC4DN(F,B)036	FC4DN(F,B)042	F(A,B)4BN(F,C)036	F(A,B)4BN(F,B,C)042	FC4CNF036

24ACR3

SEMIS CHARACTRRIBIGS A B C D E F G H J K L 1276 12776 12776 12776 12776		DIMENSION OF STREET																3	•	
O X O 0 25.347 28.716 3.847 5/87 47/16 21.147 9.107 5/16 0 X 0 0 25.947 31.816 3.847 5/87 47/16 24.11/6 9.107 5/16 0 X 0 0 0 31.816 3.847 3/47 69/16 24.11/16 9.107 5/16 0 X 0 0 0 31.816 3.847 3/47 69/16 24.11/16 9.107 5/16 0 X 0 0 0 31.816 31.817 3/47 69/16 24.11/16 9.107 5/16 0 X 0 0 0 31.816 31.817 3/16 31.817 69/16 24.11/16 9.107 5/16 0 X 0 0 0 33.106 31.81 3/16 31.81 69/16 31.81 3/16 0 X 0 <	ļ-			ELECTRA	3		4	•	۵	۵	w	L	5	E	-	¥	<u>-</u>	•		
0 X 0 0 23 34° 23 716° 33 4° 50° 47746° 21 14° 9 10° 3 10° 0 X 0 0 0 25 34° 314° 54° 4716° 21 14° 9 10° 516° 0 X 0 0 0 31314° 25 14° 34° 6916° 24 116° 9 18° 516° 0 X 0 0 0 31314° 32 516° 334° 6916° 24 1116° 9 18° 516° 0 X 0 0 0 31314° 32 516° 334° 6916° 24 1116° 9 18° 516° 0 X 0 0 0 31316° 336° 378° 778° 6916° 24 1116° 9 18° 516° 0 X 0 0 0 35° 42 10° 378° 6916° 24 1116° 9 18° 518° 0 X 0 0 <th></th> <th>SEKIES</th> <th>ō</th> <th>LARACTER</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>1</th> <th>1</th> <th>2 1306</th> <th>-21</th> <th>12 7,87</th> <th>113/0.</th> <th>. P. 1. P.</th>		SEKIES	ō	LARACTER										1	1	2 1306	-21	12 7,87	113/0.	. P. 1. P.
1 0 X 0 0 25.34* 31.49* 34* 58* 4716* 24.116* 91.49* 58* 5 0 X 0 0 0 313/14* 255.19* 334* 34* 69.16* 24.116* 91.8* 410* 5 0 X 0 0 0 313/14* 35.44* 34* 69.16* 24.1176* 91.8* 516* 6 X 0 0 0 313/14* 35.44* 37.6* 66/16* 24.1176* 91.8* 516* 6 X 0 0 0 313/14* 35.46* 778* 66/16* 24.1176* 91.8* 518* 6 X 0 0 0 35.4* 37.6* 778* 66/16* 24.1176* 91.8* 518* 6 X 0 0 0 0 35.* 32.5/6* 37/6* 778* 69/16* 24.1176* 91.8*	- Contract		,	-	-	-	23.34	217/16	3.3/4	96	47,74	21.1/4.	9 19					100 200	19.78	127.92
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0 X 0 0 0 313/4° 25/4° 33/4° 34° 69/16° 24/1/16° 9/16° 2/1/16° 9/16°	E-HADRONA	0	×	•	•	9	25 CF	2		-						2 13006	185	17 0/8	157周	22
D X C Q O DISTRICT 33.44 6.016 24.11/16 9.187 5/16 O X O D 0.013/16 33.16 37.85 7.16 6.016 24.11/16 9.187 5/16 D X O D 0.013/16 33.16 37.87 7.18 6.916 24.11/16 9.187 5/16 D X O O 0.02 0.			,	-	-	٥	313/16	.52 1/5.	33/4	7,750	6.9/16	2411/16	B, L	2				1	3	AS SUR
0 X 0 0 0 313/18 32/18 378 7/18 69/19 24/14/6 91/8 5/18 0 0 0 0 313/18 378 7/18 24/14/6 91/8 5/18 5/18 5/18 5/18 5/18 5/18 5/18 5	00000	,		,	,	,		200	- 44	.77	59/16	1 24 11,716"	91/8	5/16	.e	2 13/16	12	4	1	
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0		-		,	,	,			. 47.76	,47	69/18	28.7716"	B(1.6	5,16	'n	2 \$5,16	10 m			
0.1 X 0 C 0 35' 325/16' 37/6' 19/16' 297/16' 91/8' 37/0	- THOUSE	۵	=	-	0		g	7.0	2	2					,	2 15018"	9	18.778	17 344	4
07 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 1 0 1			,	,	,	,	25.	79 5/16"	37/8	718	29410	\$91/16	91/8	Q A	-	2 2 2				
	WECHARIN.	-	×		-	-	3												1	10,
1. Albus 30° deparation to service side of unit, 40 encourant, 50						1								-	Allow 30° dez	yrance to service	e side of uril,	AR about unit	AF CHINIES O	1 . IE

5**20**-7-80

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PAD DIMENSIONS	26" X 26"	31 1/2" X 31 1/2"	35" X 35"
UNIT SIZE	1	30, 38, 42	- 8 - 8
	,	1	\

,			

ELECTRICAL DATA

	UNIT SIZE		OPER \	/OLT9*	CON	ePR	FAN	MCA	MIN WIRE SIZE	MIN Wire Sizei	MAX LENGTH (FT)ii	MAX LENGT H (PT)	MAX FUSE** or CKT BRK
ĺ			MAX	MIN	LRA	RLA	FLA	1	60° C	75° C	60° C	75° C	AMPS
<u> </u>			-		40.3	7.7	0.5	10.3	14	14	76	73	15 _
<u> </u>	-10-30 -24-50	4	i		54.0	10,4	0.75	13.8	14	14	57	54	20
İ		_	i			14.1	1.2	18.8	14	14	42	140	30
_ 「	- 30=30			ŀ	68.0			19.2	12	12	65	52	30
\rightarrow	36-30	208/230/1	253	197	77.0	14.4	1.2			10	79	75	40
	-42-66-	¬			104,0	19.2	1.2	25.2	10		78	$+\frac{70}{72}$ -	40
1	-40-00-	-		1	137.0	20.2	1.2	26.4	10_	10			50
- 1		\dashv	1]	141.0	25.3	1.2	32.9	8	<u>B</u>	94	90	
1	-66-50/01	1	l	L	<u> </u>		-4						

n die ned ywodineren (vi. Length shown is as messured 1 way along wire path between unit and service panel for voltage drop not to exceed 2%.

** Time—Delay fuee.

**Time—Delay fuee.

**Time—Delay fuee.

**Time—Delay fuee.

**LRA — Full Load Amps

**LRA — Lecked Rotor Amps

**MCA — Minimum Circuit Amps

RLA - Retad Load Amps

RUA - Retad Load Amps

NOTE: Control circuit is 24—V on all units and requires external power source. Copper wire must be used from service disconnect to unit.

All meters/compressors contain internal overload protection.

A-WEIGHTED SOUND LEVEL (DBA)

F		STANDARD	TYPICAL OCTAVE BAND SPECTRUM (without tone adjustment)							
- 1	UNIT SIZE	RATING	125	250	500	1000	2000	4000	8000	
ļ			49.5	59.5	64.5	65.5	64.0	50.0	54.0	
	18	74		60.5	67.0	70.0	65.5	61.5	58.5	
[24_30	75	52.5		67.5	70.0	65,5	60.5	56.5	
	_ 30 30-	75	56.0	62.5			66.0	62.5	56.0	
	36-30	75	55,0	60.5	<u> 88.5</u>	72.0		82.0	63.0	
	42-00-	75	59.5	60.5	66.5	70.5	66.5	·	60.0	
/ ⊢.−	-46-30	75	53.5	61.0	65.0	69.5	64.5	61.5		
<u> </u>		75	56.0	64.0	68.0	70.0	65.0	61.6	60.5	
L			59.5	63.0	67.0	69.5	65.5	62.0	56,0	

CHARGING SUBCOOLING (TXV-TYPE EXPANSION DEVICE)

UNIT SIZE - SERIES	REQUIRED SUBCOOLING (°F)				
10 30	14				
- 24 - 88 -	<u> </u>				
_20_30	9				
36-30					
.42-33					
_48_70	9				
60-30-	12				
60-31	13				

^{**}Permissible limits of the voltage range at which the unit will operate satisfactorily

**Permissible limits of the voltage range at which the unit will operate satisfactorily

**It wire is applied at ambient greater than 30° C (88° F), consult table 310-18 of the NEC (ANSI/NFPA 70). The ampacity of non-metallic-sheathed cable

(NM), trade name ROMEX, shall be that of 80° C (140° F) conditions, per the NEC (ANSI/NFPA 70) Article 338-26. If other than uncoated (no-plated), 60

(NM) trade name ROMEX, shall be that of 80° C (140° F) conditions, per the NEC (ANSI/NFPA 70) article 338-26. If other than uncoated (no-plated), 60

or 75° C (140 or 187° C) inculation, copper wire (solid wire for 10 AWG) or smaller, strended wire for larger than 10 AWG) is used, consult applicable tables

of the NEC (ANSI/NFPA 70).

T.

FACTORY-INSTALLED HEATER OPTIONS**

J-1201-014-	M- 1-	THE PERSON NAMED IN COMPANY OF	SHOW IN THE CONTRACTOR AND A SHOW
The second secon	CONTRACTOR OF THE PROPERTY OF	下。一个D42个行为发生。13-19-19-19-19-19-19-19-19-19-19-19-19-19-	大学などのでは、これのでは、「あからはな
	The state of the s	8 10 15 8, 10, 15	10
	5 4 10 15 5 6, 10, 15	8, 10, 15	
5, 8, 0	5, 10, 10	10 8.10	10
5.6 10	5, 8, 10 5, B, 10	0 10 15	10
5, 8, 10	5.8.10.15	8, 10, 15 8, 10, 15	10
5, 8, 10 5, 8, 10	5, 8, 10, 15 5, 8, 10, 13		
STATE OF THE PARTY			
n	•		

* includes factory-installed disconnect

FAN COIL ELECTRICAL DATA (UNITS WITHOUT ELECTRICAL HEAT)

**	<u> </u>			BRANCH CIRCUIT			
	YOUTS		CKT	Min Wire Size Awg*	Fuse Amps		
	(1 PHASE)	FLA#		14	15		
THE WORLD	208/230	1.5		14	15		
	208/230	1.8		14	15		
LANGE OF THE PARTY.	208/230	2.4	3.0	14)	15		
TAX TENEDONAL	208/230	2.7	3.4		15		
20 CO		2.9	- 3,7	14	15		
2000年 · 1000年		4.3			15		
		5.4	6.8	14	15 4 4		
		5.2	6.5		1 - 16-4		
		208/230 208/230 208/230 208/230 208/230 208/230 208/230 208/230	(1 PHASE) FLAT 208/290 1.5 208/230 1.8 208/230 2.4 208/230 2.7 208/230 2.9 208/230 4.3 208/230 5.4 208/230 5.4	VOLTS (1 PHASE) FLA‡ AMPS 208/230 1.5 1.8 208/230 1.8 2.3 208/230 2.4 3.0 208/230 2.7 3.4 208/230 2.9 3.7 208/230 4.3 5.4 208/230 5.4 6.8 208/230 5.4 6.8	VOLTS		

Use copper wire only. Use 75°C only in this application. When using non-metallic (NM) sheathed cable, wire size required should be of 60°C conductors, instead of wire sizes shown in table above per NEC Article 336-28.

‡ Based on F84B.

NOTE: If branch circuit wire length exceeds 100 ft, consult NEC 215-2 to determine maximum wire length. Use 2% voltage drop.

3	1			
				1/60
5	1		- - - - - - - - - - 	1/60
				1/60
10		2/30 - 2/60	a 1.0 (19.1 (19.1	2/60
15	. 1	4/60		2/60
20		6/60		a a ra ta ja ja ja
24	9/1	8/60	./*	
30	3/1		111	
	10			

* 5-, 8-, 10-kw factory-installed heat has mainternal protection. 15-kw factory-installed heat is internally protected with fuses. † Circuit breakers are 2 pole.

ESTIMATED SOUND POWER LEVEL (dBA)

			OCTAVE BAND CENTER FREQUENCY*								
The state of the s	COND	LIONE			001741-1-4		3				
	-N W 144	Ext Static Pressure	63	125	250	500	1000	2000	4000		
A PART OF THE PROPERTY OF THE PART OF THE	CFM		64.7	60.7	58.7	53.7	51.7	49.7	45.7		
发展的影響。	600	0.25		62,0	58.0	55.0	53.0	51.0	47.0		
2000年第二日 2000年	800	0.25	66.0		59.0	56.C	54.0	52.0	48.0		
	1000	0.25	87.0	53.0		56.8	54.B	52.B	48.8		
STORY OF THE PROPERTY OF THE PARTY OF THE PA	1200	0.25	67.8	63.8	59.8		55.4	53.4	49.4		
The second secon	1400	0.25	58.4	64.4	60.4	57.4			50.0		
	1600	0.25	69.0	65.0	61.0	58.0	56.0	54.0			
	2000	0.25	70.0	66.0	62.0	59.0	57.C	. 55.0	51.0		
	2000	0.23	70,0	66.0	62.0	59.0	57.0	55.0	51.0		

Estimated sound power levels have been derived using the method described in the 1987 ASHRAE HVAC Systems & Applications Haridbook, Chapter 52, p. 52.7.

^{**} For field-installed heater/fan coil combinations, see Accessory electric heaters on pg. 11.

	: <u>1</u>				1		>			1		<u>D</u> .
Applicable **	Description							-				Dimensions
a for mod	and d											sion
ular units o	mensions	> >	>	>	Slope	Slope	Siope	Slope	TYPE			ੱ
Ş	apply to all	59-3/16	23.7/16	49-56		Н	47-11/16	42-11/16	Ę			
	/eisions (FA	1503.4	╁	Kou.	╁	\vdash		1084.3		•		
	Descriptions and dimensions apply to all versions (FA4B, FB4B, and FC4C), unless otherwise specified	24-11/16	21-1/8	21-16	+-	17-5/8	17-5/8	14-5/16	5	1	The second secon	
	d FC4C), un	627.0	536.5	536.5	200.0	44/6	11/3	383.5	33			
	lees otherwis	22-3/4	19-114	19-1/4	1914	10-1/4	10-34	12-7/16	<u> </u>	6	STORY TOOL OF THE PROPERTY OF	
	e speciled.	577.9	489.0	489.0	486.0	489.0	1001	0.018	thu		.	
		22-11/16	19-1/8	19-1,48	19-158	19128	15.5/8	558	5	٥	STORY AND STORY	
		676.2	485.8	485.8	. 1		그]	396.9	mm.			
		17.1	912	19-1/2	15-11/16	19-3/16	:: 15-3/8	15.3%	10-7/16			
		24.50	480.5	495.3	398_3	487.0	390.5	390.5	265.1		BIORI SHE COMMING THE PROPERTY OF THE PROPERTY	
			31.176	016-07		28-5/16	1		1 3	= =		
			95.2	719.1	7,0	719.1				11.1		
			1		'	n.R.	1/10	17.0	12.0	5 -	AG22#8	
			1		1	20,200	#80 F5	431.8	904.B	mm		

Physical data

				v					
MODEL FAIR	018 ****	5 024	* 030 T	inde **	1040 TH	the Charles of the Charles	建建物的2种		
ALL CLEP46	018 V	024	030		942	048	060		Promis
	建筑新工作。	中心和女仆 军	14 1030 A	-r- 1036 2	D42	7048	D86	47.054 SM	+ 2-070 X
SHIPPING WT (Lb) FA	92	100	117	11B	137	150	167		-
FB/FC	96	112	120	127	146	157	175	L_=_	201
REFRIGERANT METERING DEVICE			Bypass Ac	cuRater (FA4E	3, FB4B);TXV	Factory Installe	d on FC4C		
PISTON SIZE	.55	63	70	76	84	88	90		101
TXV SIZE †		2 ton	2-1/2 ton	3 ton	3 ton	⇒ (on ·	ā tón	4 ton	5 ton
COIL									
Rows and Fins Per In.	2 and 14.5	3 and 14.5	3 and 14.5	3 and 14.5	3 and 14.5	3 and 14.5	3 and 14.5	3 and 14.5	3 and 14.6
Face Area (Sq Ft)	2.23	2.23	2.97	2.97	3.46	4.45	5.93	7.42	7.42
Configuration	Slope	· Stope	Slope	Slope	Stope	Α :	Α	A	A
FAN						,			
Air Discharge CFM (Nominal) Motor Hp (PSC)	650 1/5**	, B50 1/4	1100	1300 1/3	1500 1/2	1700 3/4	2000 3/4	1700 1/2	2000
FILTERS	21-1	/2 x 13	21-1/2	x 16-3/8	<u> </u>	21-1/2 x 19-7/	21-1/2 x 23-5/16		

* Fan coil units with hard shut-off TXV may require compressor hard start components. Refer to outdoor unit specifications.
† FC4C factory-Installed TXV is hard shut-off, bypass flow-type for heat pump application.
‡ Filter must be field supplied for FA4B units. (See Accessory Kits.)

* FA4B018 fan coil has a 1/10 Hp motor
FA4B030 fan coil has a 1/4 Hp motor
NOTE: Descriptions and dimensions apply to all versions (FA4B, FB4B, FC4C, etc.), unless otherwise specified.

Cabinet configuration option

以 其有。			mote 23 fraction	e ele 030 🛣	2 0387 A	147 47 31	A TOP STORE	PENGRAM		King of a fractional and
WODEL .	FA4B	1-piece	1-place	1-piece	1-plece	1-piece	1-plece	1-piece	_	3
分為國際的	The state of the s	THE PARTY	Carrie Branch Branch			COLM, the		le destata de la companya de la comp		15 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	, FB48 ,	1-pisc≥	1-piece	1-plece	1-piece	1-piece or	1-piece or	1-piece or	_	Modular
<u> </u>						Modular	Modular	Modular	Control of the Contro	
				· 4 W. pringle or legiting	13.7			San Brand	建 物型新加州	
1	FC4C		1-piece	1-piece	1-piece	1-piece	1-piace	- 1-piece	Modular	Modular