

**CITY OF SACRAMENTO**  
1231 I Street, Sacramento, CA 95814

Permit No: **0509071**  
Insp Area: **1**  
Thos Bros: **298C6**

Site Address: **815 UNIVERSITY AV SAC**  
Parcel No: **295-0030-020**

Sub-Type: **REP**  
Housing (Y/N): **N**

**CONTRACTOR**  
COMMAIR  
1309 SHORE ST #B  
WEST SACRAMENTO CA 95691-3511

**OWNER**  
HUBER FAMILY TRUST  
5204 ADELAIDE WAY  
SACRAMENTO, CA 95841

**ARCHITECT**

Nature of Work: **C/O 5 TON HEAT PUMP**

**CONSTRUCTION LENDING AGENCY**: I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).

Lender's Name \_\_\_\_\_ Lender's Address \_\_\_\_\_

**LICENSED CONTRACTORS DECLARATION**: I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with section 7000) of Division 3 of the Business and Professions Code and my license is in full force and effect.

License Class C-20 License Number 233345 Date 5.31.07 Contractor Signature Richard B...

**OWNER-BUILDER DECLARATION**: I hereby affirm under penalty of perjury that I am exempt from the contractors License Law for the following reason (Sec. 7031.5, Business and Professions Code; any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractors License Law (Chapter 9 (commencing with Section 7000) of Division 8 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500.00);

I, as a owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professional Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his/her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he/she did not build or improve for the purpose of sale.)

I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractors License Law).

I am exempt under Sec. \_\_\_\_\_ B & PC for this reason: \_\_\_\_\_

Date \_\_\_\_\_ Owner Signature \_\_\_\_\_

**IN ISSUING THIS BUILDING PERMIT**, the applicant represents, and the city relies on the representation of the applicant, that the applicant verified all measurements and locations shown on the application or accompanying drawings and that the improvement to be constructed does not violate any law or private agreement relating to permissible or prohibited locations for such improvements. This building permit does not authorize any illegal location of any improvement or the violation of any private agreement relating to location of improvements.

I certify that I have read this application and state that all information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction and hereby authorize representative(s) of this city to enter upon the abovementioned property for inspection purposes.

Date 6.23.05 Applicant/Agent Signature Richard B...

**WORKER'S COMPENSATION DECLARATION**: I hereby affirm under penalty of perjury one of the following declarations:  
 I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section 3700 of the Labor Code, for the performance of work for which the permit is issued.

I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier **DEPARTMENT OF INDUSTRIAL RELAT** Policy Number **1013L** Exp Date \_\_\_\_\_

(This section need not be completed if the permit is for \$100 or less) I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Date 6.23.05 Applicant Signature Richard B...

**WARNING: FAILURE TO SECURE WORKER'S COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS (\$100,000) IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST AND ATTORNEY'S FEE.**

**THIS PERMIT SHALL EXPIRE BY LIMITATION IF WORK IS NOT COMMENCED WITHIN 180 DAYS.**

SCOPE OF WORK

UNIVERSITY PROPERTIES  
815 University Avenue  
Sacramento, CA.

PAID  
CITY OF SACRAMENTO  
JUN 28 2005  
NORTH PERMIT  
CENTER

Replace one existing heat pump with one new heat pump.

Heat Pump (West Unit) See site map.

Existing: Lennox: M# CHP10B-653-1Y  
208V 3phase  
Weight - 550 lbs.

New: Bard: M# PH1060B  
208V 3phase  
Weight - 450 lbs.

The unit is a side discharge. The new unit will sit on sleepers.

New unit will tie into existing ductwork.

No electrical modifications.

PROJECT COST: \$6,450.00.



This set of plans and specifications must be kept on the job at all times and it is unlawful to make any changes or alterations from the same without written permission from the Building Inspection Division. The approval of this plan and specification SHALL NOT be held to permit or approve the violation of any City Ordinance or State Law.

CITY COPY

a subsidiary of  Industries Inc.

815 UNIVERSITY AV

W

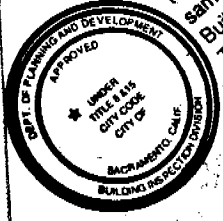
PARKING LOT

N

DRIVEWAY

815 UNIVERSITY AVE.

THE APPROVAL OF ALL PLUMBING AND MECHANICAL WORK IS SUBJECT TO FIELD INSPECTIONS



DEPT. OF PLANNING AND DEVELOPMENT  
APPROVED  
UNDER THE PLAN CITY CODE  
CITY OF SACRAMENTO, CALIF.  
BUILDING INSPECTION DIVISION

ISSUED  
JUN 23 2005

This set of plans and specifications must be kept on the job at all times and it is unlawful to make any changes or alterations from the same without written permission from the Building Inspection Division.  
The approval of this plan and specification SHALL NOT be held to permit or approve the violation of any City Ordinance or State Law


THE APPROVAL OF ALL PLUMBING AND MECHANICAL WORK IS SUBJECT TO FIELD INSPECTIONS

The approval of all Electrical Work is subject to field inspections

CMB 6/23/05

W

THIS UNIT TO BE REPLACED



UNIVERSITY AVE.

W

# Specifications - 2 thru 5 ton

MODEL	PH11241	PH11301	PH11361	PH11361-B	PH11361-C	PH11422	PH1048	PH1048-B	PH1048-C	PH1060	PH1060-B	PH1060-C
Cooling Capacity BTU/H	23,000	29,000	33,400	33,400	33,400	41,500	46,000	46,000	46,000	55,500	55,500	55,500
* Hi Temp. Htg. BTU/H @ 47°	24,400	28,200	32,000	32,000	32,000	40,500	45,500	45,500	45,500	56,500	56,500	56,500
Electrical - Less Kw	230/208	230/208	230/208	230/208	230/208	230/208	230/208	230/208	230/208	230/208	230/208	230/208
(V - Ph @ 60 Hz)	1-Ph	1-Ph	1-Ph	3-Ph	3-Ph	1-Ph	1-Ph	3-Ph	1-Ph	3-Ph	1-Ph	3-Ph
Operating Voltage Range	197-253	197-253	197-253	197-253	414-506	197-253	197-253	414-506	197-253	197-253	414-506	414-506
Circuit A												
Minimum Circuit Ampacity	19	22	27	18	12	31	36	23	13	42	28	14
Field Wire Supply**	10	10	8	10	14	8	8	8	8	29	18	9
BCSC	12	13.5	18	11	6	20	24	14	8	60	45	20
Max. Fuse or Circuit Breaker †	30	30	40	25	15	50	50	35	20	30.3/32.5	21.3/22.8	11.0
Total Unit Amps 230/208	14.9/15.9	16.2/17.2	18.2/20.2	13.2/13.8	6.9	23.7/24.1	24.6/26.9	16.8/17.5	8.6	30.3/32.5	21.3/22.8	11.0
Compressor Circuit A												
Volts	230/208	230/208	230/208	230/208	460	230/208	230/208	460	230/208	230/208	460	460
Rated Load Amps	11/12	12/13	14/16	9.0/9.6	4.7	18.0/18.4	18.8/21.2	11.1/11.8	5.8	24.6/26.8	15.6/17.1	8.2
Locked Rotor Amps	62.5/62.5	76/76	90.5/90.5	77/77	39	107/107	129/129	99/99	49.5	169/169	137/137	62
Fan Motor & Condenser												
Fan Motor - HP/RPM	1/5/1090	1/5/1075	1/5/1075	1/5/1075	1/5/1075	1/3/825	1/3/850	1/3/850	1/3/850	1/3/850	1/3/850	1/3/850
Fan Motor Amps	1.8	1.6	1.6	1.6	0.8	2.5	2.5	1.3	2.5	2.5	1.3	1.3
Fan Dia./CFM	20"/1650	20"/2000	20"/2000	20"/2000	20"/2000	24"/2950	24"/3000	24"/3000	24"/3000	24"/3000	24"/3000	24"/3000
Face Area Sq. Ft./Rows/Fins per in.	5.04/3/11	5.04/3/11	5.04/3/11	5.04/3/11	5.04/3/11	7.7/3/12	7.7/3/12	4.7/4/14	4.7/4/14	4.7/4/14	4.7/4/14	4.7/4/14
Motor and Evaporator												
Blower Motor - HP/RPM	1/3/1075	1/3/1075	1/3/1075	1/3/1075	1/3/1075	1/2/1075	1/2/1075	1/2/1075	1/2/1075	1/2/1075	1/2/1075	1/2/1075
Blower Motor - Amps	2.1	2.6	2.6	2.6	1.4	3.2	3.2	1.5	3.2	3.2	1.5	1.5
CFM Cooling w/Filter (Rated)	800@.20	1000@.30	1100@.20	1100@.20	1100@.20	1400@.25	1550@.45	1550@.45	1550@.45	1650@.20	1650@.20	1650@.20
Face Area Sq. Ft./Rows/Fins per in.	3.21/3/10	3.21/4/13	3.21/4/13	3.21/4/13	3.21/4/13	4.62/4/14	4.62/4/14	7.7/3/11	7.7/3/11	7.7/3/11	7.7/3/11	7.7/3/11
Refrigerant 22 - oz.	91	93	86	86	86	121	127	127	127	157	157	157
Shipping Weight - lbs.	365	365	365	365	365	435	450	450	450	450	450	450

## Cooling Application Data — Outdoor Temperature °F

Model	DB/WH	Cooling Capacity	Outdoor Temperature °F									
			75	80	85	90	95	100	105	110	115	
PH11241	75/	Total Cooling	24,000	23,000	22,000	21,000	20,000	19,000	18,000	17,000	16,000	
	62	Sensible Cooling	17,900	17,500	17,000	16,600	16,100	15,600	15,200	14,700	14,300	
	80/	Total Cooling	25,800	25,100	24,400	23,700	23,000	22,300	21,600	20,900	20,200	
	67	Sensible Cooling	17,500	17,200	16,900	16,600	16,300	16,000	15,700	15,400	15,100	
	85/	Total Cooling	30,400	29,200	28,000	26,700	25,500	24,300	23,000	21,800	20,600	
	72	Sensible Cooling	17,900	17,400	16,900	16,400	15,900	15,400	14,900	14,400	13,900	
PH11301	75/	Total Cooling	29,000	28,000	27,000	26,000	25,000	24,000	23,000	22,000	21,000	
	62	Sensible Cooling	21,000	20,500	20,000	19,500	19,000	18,500	18,000	17,500	17,000	
	80/	Total Cooling	33,400	32,400	31,400	30,400	29,400	28,400	27,400	26,400	25,400	
	67	Sensible Cooling	23,000	22,500	22,000	21,500	21,000	20,500	20,000	19,500	19,000	
	85/	Total Cooling	40,500	39,000	37,500	36,000	34,500	33,000	31,500	30,000	28,500	
	72	Sensible Cooling	28,000	27,500	27,000	26,500	26,000	25,500	25,000	24,500	24,000	
PH11361	75/	Total Cooling	33,400	32,400	31,400	30,400	29,400	28,400	27,400	26,400	25,400	
	62	Sensible Cooling	23,000	22,500	22,000	21,500	21,000	20,500	20,000	19,500	19,000	
	80/	Total Cooling	46,230	44,670	43,120	41,560	40,000	38,430	36,880	35,310	33,750	
	67	Sensible Cooling	36,510	36,100	35,700	34,920	34,150	33,260	32,260	31,140	29,900	
	85/	Total Cooling	58,840	56,930	54,980	53,000	51,000	48,970	46,910	44,820	42,700	
	72	Sensible Cooling	36,250	35,890	35,300	34,670	33,800	32,770	31,560	30,190	28,650	
PH11422	75/	Total Cooling	41,500	40,500	39,500	38,500	37,500	36,500	35,500	34,500	33,500	
	62	Sensible Cooling	30,000	29,500	29,000	28,500	28,000	27,500	27,000	26,500	26,000	
	80/	Total Cooling	46,000	44,600	43,200	41,800	40,400	39,000	37,600	36,200	34,800	
	67	Sensible Cooling	35,300	34,900	34,500	33,800	33,000	32,000	30,800	29,400	27,900	
	85/	Total Cooling	55,500	53,500	51,500	49,500	47,500	45,500	43,500	41,500	39,500	
	72	Sensible Cooling	40,000	39,500	39,000	38,000	37,000	35,800	34,500	33,000	31,500	
PH1048	75/	Total Cooling	46,230	44,670	43,120	41,560	40,000	38,430	36,880	35,310	33,750	
	62	Sensible Cooling	36,510	36,100	35,700	34,920	34,150	33,260	32,260	31,140	29,900	
	80/	Total Cooling	49,340	48,690	47,920	47,020	46,000	44,850	43,580	42,180	40,650	
	67	Sensible Cooling	35,370	35,390	35,250	34,950	34,500	33,890	33,130	32,220	31,150	
	85/	Total Cooling	58,840	56,930	54,980	53,000	51,000	48,970	46,910	44,820	42,700	
	72	Sensible Cooling	36,250	35,890	35,300	34,670	33,800	32,770	31,560	30,190	28,650	
PH1060	75/	Total Cooling	55,500	53,500	51,500	49,500	47,500	45,500	43,500	41,500	39,500	
	62	Sensible Cooling	40,000	39,500	39,000	38,000	37,000	35,800	34,500	33,000	31,500	
	80/	Total Cooling	62,600	60,600	58,600	56,600	54,600	52,600	50,600	48,600	46,600	
	67	Sensible Cooling	46,000	45,500	45,000	44,000	43,000	41,800	40,500	39,000	37,500	
	85/	Total Cooling	72,850	70,850	68,850	66,850	64,850	62,850	60,850	58,850	56,850	
	72	Sensible Cooling	55,500	55,000	54,500	53,500	52,500	51,000	49,500	47,500	45,500	

\* Return air temperature °F.  
 \*\* Below 65°F unit requires a field installed low ambient control

% of Rated Air Flow	-10	Rated	+10
Total Btuh	0.975	1.0	1.02
Sensible Btuh	0.95	1.0	1.05

# APPLICATION FOR COMMERCIAL BUILDING PERMIT

**CITY OF SACRAMENTO**  
**PLANNING & BUILDING DIVISION**  
**PERMIT SERVICES SECTION**  
 (916) 808-2534 FAX: (916) 808-7046

ACTIVITY # <u>050 9071</u>	Insp. Area <u>1</u>
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Applicant **MUST** complete ALL Unshaded Areas

ADDRESS: 815 University Ave / Sacramento Suite: \_\_\_\_\_

PARCEL #: \_\_\_\_\_

<p style="text-align: center;"><b>CONTACT</b></p> <p>Name: <u>RICK CRAIN</u>                  Street Address: <u>1309 Shore</u>                  City/State/Zip: <u>W. Sac 95691</u>                  Phone: <u>916 372-5160</u>                  E-Mail: _____</p>	<p style="text-align: center;"><b>LICENSED CONTRACTOR</b> Lic No. # <u>233345</u></p> <p>Name: <u>Comm Air Mechanical</u>                  Street Address: <u>1309 Shore St</u>                  City/State/Zip: <u>W. Sac 95691</u>                  Phone: <u>916-372-5160</u>                  E-Mail: <u>R.CRAIN@A3M.com</u></p>
<p style="text-align: center;"><b>ARCHITECT/ENGINEER</b></p> <p>Name: _____                  Street Address: _____                  City/State/Zip: _____                  Phone: _____                  E-Mail: _____</p>	<p style="text-align: center;"><b>OWNER</b></p> <p>Name: <u>University Properties</u>                  Street Address: <u>815 University</u>                  City/State/Zip: <u>Sacramento CA</u>                  Phone: _____                  E-Mail: _____</p>

⇒ Will permittee have any employees on the jobsite?  No  Yes ⇒ Insurance Co.: Self Insured

⇒ WORKER'S COMPANSATION POLICY # Self Insured EXPIRATION DATE: None

NATURE OF WORK IN DETAIL: Remove one existing 5-ton HP & Replace with one new 5-ton Heat Pump

OCCUPANT/TENANT: University Properties VALUATION: 6,450<sup>00</sup>

FLOOD STATUS:			S.C.A.T.							
JOB DISCRIPTION	BLDG	SHELL	APT	TI( )	REM( )	SW	FIRE	ADD	OTH	
INSPECTION DISCIPLINES			BLDG	MECH	PLUMB	ELEC		SITE	FIRE	
# Stories	1 <sup>st</sup> Flr Area	Total Area	Use Zone	Occp Group	Const type	Fire Req. Y / N		Fed Code	Vio. [H]	File [Quad]
B	L	P	M	E	F	SPR	ALARM	D	PW	UTIL

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

REGIONAL SANITATION FEES?  Yes  No HEALTH DEPARTMENT:  Yes  No

WATER FLOW TEST FOR NEW BUILDINGS OR ADDITIONS?  Provided  Faxed