

CITY OF SACRAMENTO
1231 I Street, Sacramento, CA 95814

Permit No: 0007964
Insp Area: 3

Site Address: 4655 FRUITRIDGE RD SAC
Parcel No: 022-0265-012 CHANNEL 40

Sub-Type: REM
Housing (Y/N): N

CONTRACTOR
WALTSCHAUER AND SONS INC.
14-60 WALNUT GROVE THORNTON RD
WALNUT GROVE, CA 95690

OWNER
CHANNEL 40 INC
4655 FRUITRIDGE RD
SACRAMENTO CA 95820

ARCHITECT

Nature of Work: INTERIOR REMODEL T.V. STATION. NEW LIGHTING AND HVAC WORK.

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 B License Number _____ Date 8-15-00 Contractor Signature William Kuep

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 8-15-00 Applicant/Agent Signature William Kuep

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: WILLIAMSBURG NATIONAL Policy Number WC0120013-00 Exp Date 10/01/2000

This section need not be completed if the permit is for **PLANNING** or **PERMIT SERVICES**. 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 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 8-15-00 Applicant Signature William Kuep

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.

CITY OF SACRAMENTO

CERTIFICATE OF OCCUPANCY

For Information Contact (916) 264-5716

Building Address: 4655 FRUITRIDGE RD Permit No. 00-07964

Building Use: TV STATION Occupancy: B

Building Owner: CHANNEL 40 INC Construction Type: V-N

Owner Address: 4655 FRUITRIDGE RD SAC Sprinkled? [] Yes [X] No

Portion of Building Occupied: REMODEL Area: 4458 Sq. Ft.

11/15/00 Willie Harris DENNIS RICHARDSON
Date By:Print Sign CHIEF BUILDING OFFICIAL

[Finaled By:GD,KR,JE]

This Certificate, issued pursuant to the requirements of Section 109 of the Uniform Building Code, certifies that at time of issuance the described portion of the building has been inspected for compliance with the Uniform Building Code, as adopted per Title 15 of the Sacramento City Code for the group and division of occupancy and use for which the proposed occupancy is classified. Issuance of this certificate shall not be construed as an approval of a violation of any Codes, or Federal, State and City Laws or Ordinances. Certificates presuming to give authority to such violation shall not be valid. This certificate shall be posted in a conspicuous place on the premises and shall not be removed except by the Chief Building Official. No changes shall be made in the character of occupancy or use without approval of the Chief Building Official.

POST IN A CONSPICUOUS PLACE

APPLICATION FOR COMMERCIAL BUILDING PERMIT

CITY OF SACRAMENTO
 DEVELOPMENT SERVICES DIVISION
 PERMIT SERVICES SECTION
 1131 L Street, Rm. 200
 Sacramento, CA 95814 (916) 264-7619 FAX 264-7046

ACTIVITY # 0007964	Insp. Area 3C
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Applicant **MUST** complete ALL Unshaded areas

ADDRESS 4655 FRUITRIDGE ROAD, SACRAMENTO, CA. 95820 Suite _____
 PARCEL # 022-0265-012-0000

CONTACT

Name BILL KREUTZER
 Street Address 4655 FRUITRIDGE ROAD
 City/State/Zip SACRAMENTO, CA. 95820
 Phone 916-454-4422 FAX 916-739-1079
 E-mail: _____

LICENSED CONTRACTOR Lic No. # 189143

Name W.M. SCHAUER & SONS, INC.
 Address 4460 WALNUT GROVE THORNTON ROAD
 City/State/Zip WALNUT GROVE, CA. 95690
 Phone 916-776-1722 FAX 916-776-1721
 E-mail: _____

ARCHITECT/ENGINEER

Name WILLIAM A. REID, AIA
 Address 4879 PASADENA AVE.
 City/State/Zip SACRAMENTO, CA. 95841
 Phone 916-485-4898 FAX 916-485-2386
 E-mail: _____

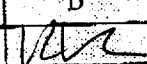
OWNER

Name CHANNEL 40, INC.
 Address 4655 FRUITRIDGE ROAD
 City/State/Zip SACRAMENTO, CA. 95820
 Phone 916-454-4422 FAX 916-739-1079
 E-mail: _____

→ Will permittee have any employees on the jobsite? No Yes → INSURANCE CO: CONSTITUTION STATE SERVICES
 → WORKER'S COMPENSATION POLICY # CFTCS5240T67 EXPIRATION DATE: 3-1-01

NATURE OF WORK IN DETAIL: TENANT IMPROVEMENT, MISCELLANEOUS ALTERATIONS Remodel
IS APPROXIMATELY 458 SQ. FT. OF OFFICE SPACE INCLUDING NEW
LIGHTING AND HVAC WORK.

OCCUPANT/TENANT: CHANNEL 40 INC. (KTXL-TV) VALUATION: \$ 309,000.00

FLOOD STATUS:		S.C.A.T.									
JOB DESCRIPTION		BLDG	SHELL	APT	TI ()	REM (X)	SW	FIRE	ADD	OTH	
INSPECTION DISCIPLINES		BLDG		MECH		PLUMB		ELEC		SITE FIRE	
# Stories	1st flr Area	Total Area	Use Zone	Occp Group	Const type	Fire Req. Y (N)		Fed Code		Vio. File	
2		19657		B	V-N	SFR	ALARM	15		[H]	[Quad]
B	L	P	M	E	F	S		D		PW	UTIL
<div style="text-align: right;">  </div>											

COMMENTS: PROJECT AREA 1,4584

REGIONAL SANITATION FEES? Yes No HEALTH DEPARTMENT? Yes No
 WATER FLOW TEST FOR NEW BUILDINGS OR ADDITIONS? N/A Provided Faxed

KTXL TELEVISION STUDIOS

BOWLING DRIVE

SACRAMENTO CA.

AIR BALANCE REPORT

RT-1/1 & RT1/2

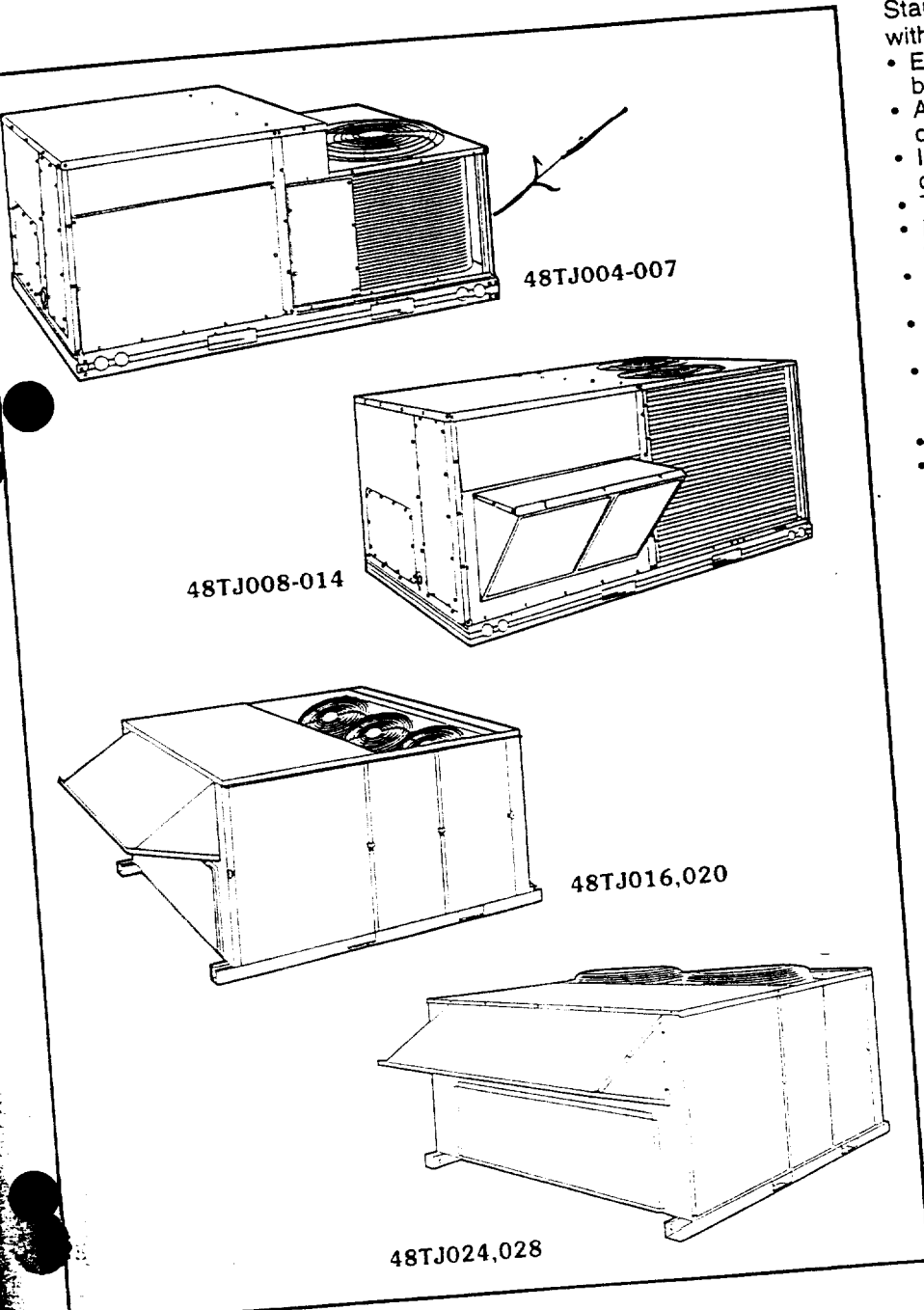


Product Data

48TJ004-020 Single-Package Rooftop Units Electric Cooling/Gas Heating

3 to 25 Nominal Tons

RT-1&2 (48TJ006)



Standard-Efficiency Rooftop Units with:

- Exclusive integrated gas control board with diagnostics
- Alumagard™ heat exchanger coating
- Induced-draft fan for gas combustion
- Tubular, dimpled heat exchangers
- Pre-painted galvanized steel cabinet for long life and quality appearance
- Commercial strength baserails with built-in rigging capability
- Convertible design for horizontal supply/return
- Non-corrosive, sloped condensate drain pan, meets ASHRAE 62-89 (IAQ)
- Two-inch return-air filters
- A wide assortment of factory-installed options available, including high static drives that provide additional performance range

Features/Benefits

Every compact one-piece unit arrives fully assembled, charged, tested, and ready to run.

Integrated gas unit controller (IGC) (all models)

All ignition components are contained in the compact IGC which is easily accessible for servicing. The IGC control board, designed and manufactured exclusively for Carrier rooftop units, provides built-in diagnostic capability. An LED (light-emitting diode) simplifies troubleshooting by providing visual fault notification and system status confirmation.

Form 48TJ-7PD



FAN PERFORMANCE — VERTICAL DISCHARGE UNITS (cont)

48HJ006 (5 TONS) — STANDARD MOTOR (BELT DRIVE)

Airflow (Cfm)	External Static Pressure (in. wg)																	
	0.1		0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6	
	Rpm	Bhp	Rpm	Bhp	Rpm	Bhp	Rpm	Bhp	Rpm	Bhp	Rpm	Bhp	Rpm	Bhp	Rpm	Bhp	Rpm	Bhp
1500	771	0.37	828	0.44	935	0.58	1027	0.73	1107	0.88	1185	1.04	1257	1.20	1330	1.38	1411	1.59
1600	816	0.45	869	0.51	968	0.66	1056	0.81	1127	0.97	1215	1.14	1286	1.31	1353	1.49	1421	1.68
1700	902	0.61	940	0.60	1007	0.75	1094	0.91	1175	1.09	1245	1.26	1315	1.44	1381	1.52	1443	1.69
1800	942	0.70	978	0.66	1063	0.82	1147	0.97	1248	1.20	1322	1.33	1395	1.46	1475	1.56	1542	1.71
1900	982	0.80	1023	0.78	1097	0.91	1175	1.11	1266	1.29	1356	1.47	1430	1.58	1504	1.69	1556	1.82
2000	1022	0.91	1068	0.90	1132	1.01	1218	1.23	1303	1.41	1397	1.52	1459	1.67	1528	1.79	1588	1.97
2100	1063	0.99	1115	1.00	1180	1.17	1261	1.35	1340	1.53	1428	1.66	1489	1.80	1557	1.99	1626	2.16
2200	1104	1.13	1159	1.15	1214	1.28	1310	1.52	1375	1.63	1459	1.80	1528	1.95	1603	2.17	1666	2.37
2300	1130	1.26	1202	1.29	1248	1.38	1358	1.69	1410	1.72	1488	1.93	1561	2.13	1637	2.35	1710	2.54
2400	1174	1.37	1237	1.41	1292	1.55												
2500	1201	1.48	1272	1.53	1335	1.71												

LEGEND

Bhp — Brake Horsepower Input to Fan
 FIOF — Factory-Installed Option

NOTES:

1. **Boldface** indicates field-supplied drive required. (See Note 3.)
2. **■** indicates field-supplied motor and drive required.
3. Motor drive range is 1020 to 1460 rpm. All other rpms require a field-supplied drive.
4. Values include losses for filters, unit casing, and wet coils. See page 40 for accessory/FIOF static pressure information.

5. Maximum continuous bhp is 1.80. Extensive motor and electrical testing on these units ensures that the full range of the motor can be utilized with confidence. Using your fan motors up to the ratings shown will not result in nuisance tripping or premature motor failure. Unit warranty will not be affected. See Evaporator-Fan Motor Data table on page 39 for additional information.
6. Use of a field-supplied motor may affect wire sizing. Contact your Carrier representative to verify.
7. Interpolation is permissible. Do not extrapolate.

48HJ007 (6 TONS) — STANDARD MOTOR (BELT DRIVE)

Airflow (Cfm)	External Static Pressure (in. wg)																	
	0.1		0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6	
	Rpm	Bhp	Rpm	Bhp	Rpm	Bhp	Rpm	Bhp	Rpm	Bhp	Rpm	Bhp	Rpm	Bhp	Rpm	Bhp	Rpm	Bhp
1800	942	0.70	978	0.66	1063	0.82	1147	0.97	1248	1.20	1322	1.33	1395	1.46	1475	1.56	1542	1.71
1900	982	0.80	1023	0.78	1097	0.91	1175	1.11	1266	1.29	1356	1.47	1430	1.58	1504	1.69	1556	1.82
2000	1022	0.91	1068	0.90	1132	1.01	1218	1.23	1303	1.41	1397	1.52	1459	1.67	1532	1.82	1588	1.97
2100	1063	0.99	1115	1.00	1180	1.17	1261	1.35	1340	1.53	1428	1.66	1489	1.80	1567	1.99	1626	2.16
2200	1104	1.13	1159	1.15	1214	1.28	1310	1.52	1375	1.63	1459	1.80	1528	1.95	1603	2.17	1666	2.37
2300	1130	1.26	1202	1.29	1248	1.38	1358	1.69	1410	1.72	1488	1.93	1561	2.13	1637	2.35	1710	2.54
2400	1174	1.37	1237	1.41	1292	1.55	1392	1.81	1460	1.90	1532	2.14	1584	2.28	1657	2.45	1730	2.64
2500	1201	1.48	1272	1.53	1335	1.71	1427	1.94	1518	2.16	1575	2.35	1637	2.52	1708	2.70	1778	2.89
2600	1246	1.62	1320	1.68	1368	1.81	1458	2.06										
2700	1285	1.75	1361	1.82	1400	1.91	1490	2.19										
2800	1304	1.87	1402	1.95	1439	2.08												
2900	1345	2.07	1446	2.16	1477	2.16												
3000	1378	2.26	1489	2.36														

LEGEND

Bhp — Brake Horsepower Input to Fan
 FIOF — Factory-Installed Option

NOTES:

1. **Boldface** indicates field-supplied drive required. (See Note 3.)
2. **■** indicates field-supplied motor and drive required.
3. Motor drive range is 1120 to 1585 rpm. All other rpms require a field-supplied drive.
4. Values include losses for filters, unit casing, and wet coils. See page 40 for accessory/FIOF static pressure information.

5. Maximum continuous bhp is 2.40. Extensive motor and electrical testing on these units ensures that the full range of the motor can be utilized with confidence. Using your fan motors up to the ratings shown will not result in nuisance tripping or premature motor failure. Unit warranty will not be affected. See Evaporator-Fan Motor Data table on page 39 for additional information.
6. Use of a field-supplied motor may affect wire sizing. Contact your Carrier representative to verify.
7. Interpolation is permissible. Do not extrapolate.

Electrical data — 48TJ004-014



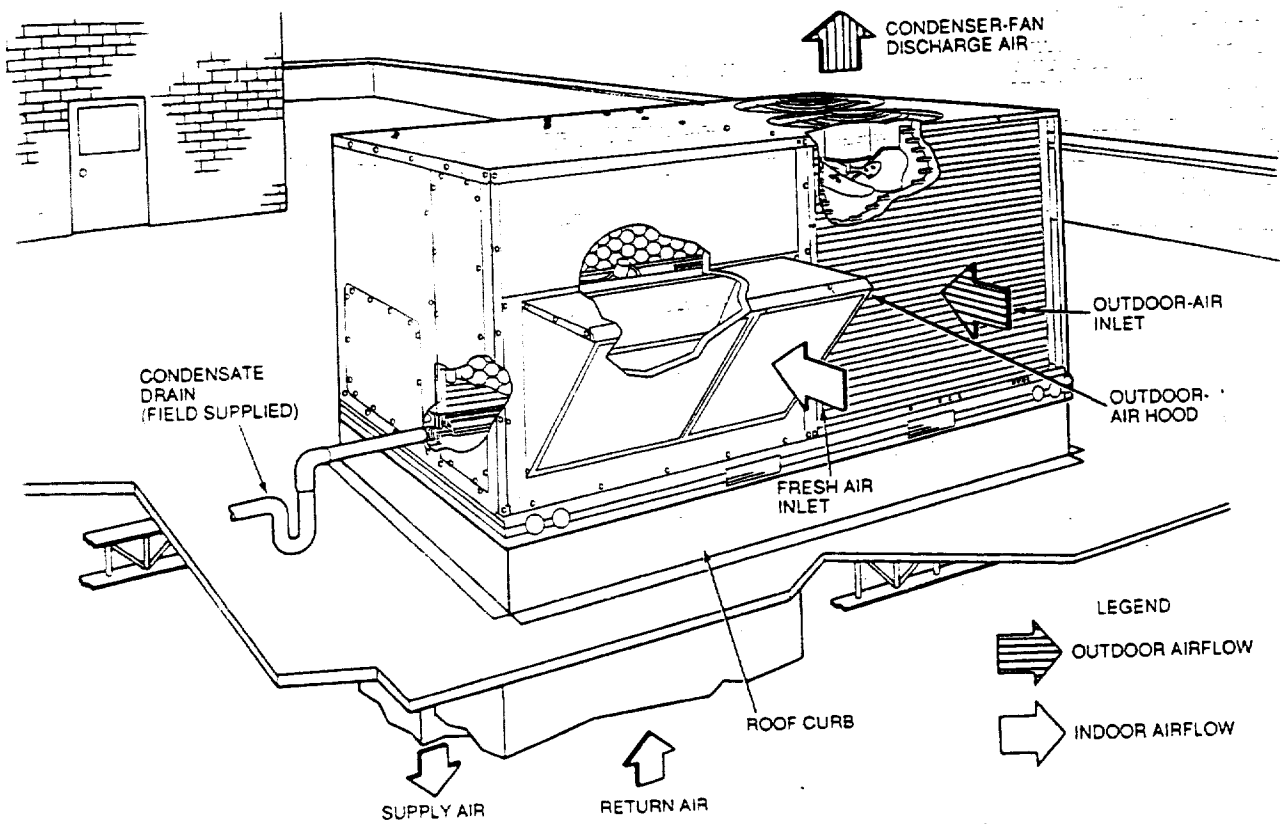
UNIT 48TJ	NOMINAL VOLTAGE (60 Hz)	IFM TYPE	VOLTAGE RANGE		COMPR (ea)		OFM (ea)		IFM	COMBUSTION FAN MOTOR FLA	POWER SUPPLY		DISCONNECT SIZE*	
			Min	Max	RLA	LRA	Hp	FLA			FLA	MCA	MOCPT	FLA
004 (3 Tons)	208/230 (single phase)	Std	187	254	18.0	96.0	¼	1.4	2.8	.57	26.7/26.7	35/35	26/26	106/106
		Alt												
	208/230 (3 phase)	Std	187	254	16.4	75.0	¼	1.4	2.8	.57	16.8/18.8	25/25	18/18	76/76
		Alt												
	460 (3 phase)	Std	414	508	4.8	40.0	¼	0.8	1.3	.30	8.5	15	8	38
		Alt												
575 (3 phase)	Std	518	632	4.1	31.0	¼	0.8	1.3	.30	6.8	15	7	31	
	Alt													2.1
005 (4 Tons)	208/230 (single phase)	Std	187	254	23.0	110.0	¼	1.4	3.5	.57	33.7/33.7	40/40	32/32	122/122
		Alt												
	208/230 (3 phase)	Std	187	254	15.3	92.0	¼	1.4	3.5	.57	24.0/24.0	30/30	24/24	104/104
		Alt												
	460 (3 phase)	Std	414	508	7.0	46.0	¼	0.8	1.8	.30	11.4	15	11	52
		Alt												
575 (3 phase)	Std	518	632	5.8	44.0	¼	0.8	1.8	.30	9.3	15	9	49	
	Alt													2.1
006 (5 Tons)	208/230 (single phase)	Std	187	254	30.5	141.0	¼	1.4	5.9	.57	42.7/42.7	50/50	43/43	155/155
		Alt												
	208/230 (3 phase)	Std	187	254	17.7	110.0	¼	1.4	5.9	.57	29.4/29.4	35/35	29/29	122/122
		Alt												
	460 (3 phase)	Std	414	508	8.6	55.0	¼	0.8	3.2	.30	14.8	20	15	63
		Alt												
575 (3 phase)	Std	518	632	6.4	44.0	¼	0.8	3.2	.30	12.0	15	12	52	
	Alt													2.6
007 (6 Tons)	208/230 (3 phase)	Std	187	254	23.6	146.0	¼	1.4	5.8	.57	36.1/36.1	40/40	35/35	181/181
	460 (3 phase)	Std	414	508	10.6	73.0	¼	0.8	2.6	.30	16.7	20	16	90
	575 (3 phase)	Std	518	632	8.5	56.4	¼	0.8	2.6	.30	14.0	20	14	75
008 (7½ Tons)	208/230 (3 phase)	Std	187	254	13.6	73.4	¼	1.4	5.8	.57	39.2/39.2	45/45	41/41	194/194
	460 (3 phase)	Std	414	508	6.2	37.7	¼	0.7	2.6	.30	18.0	25	19	99
	575 (3 phase)	Std	518	632	4.9	31.0	¼	0.7	2.6	.30	14.2	20	15	81
009 (8½ Tons)	208/230 (3 phase)	Std	187	254	15.8	92.0	¼	1.4	5.8	.57	44.2/44.2	50/50	46/46	231/231
	460 (3 phase)	Std	414	508	7.4	46.0	¼	0.7	2.6	.30	20.7	25	22	116
	575 (3 phase)	Std	518	632	5.9	44.0	¼	0.7	2.6	.30	16.5	20	17	107
012 (10 Tons)	208/230 (3 phase)	Std	187	254	17.9	110.0	¼	1.4	5.8	.57	46.9/46.9	60/60	51/51	267/267
		Alt												
	460 (3 phase)	Std	414	508	8.6	55.0	¼	0.7	2.6	.30	23.4	30	24	134
		Alt												
575 (3 phase)	Std	518	632	6.4	44.0	¼	0.7	2.6	.30	17.6	20	18	107	
	Alt													3.4
014 (12½ Tons)	208/230 (3 phase)	Std	187	254	23.0	142.0	¼	1.4	10.6	.57	63.6/63.6	70/70	67/67	375/375
		Alt												
	460 (3 phase)	Std	414	508	10.4	73.0	¼	0.7	4.8	.30	29.6	40	31	192
		Alt												
	575 (3 phase)	Std	518	632	8.3	56.4	¼	0.7	4.8	.30	26.6	30	28	154
		Alt												

See Legend and Notes on page 60

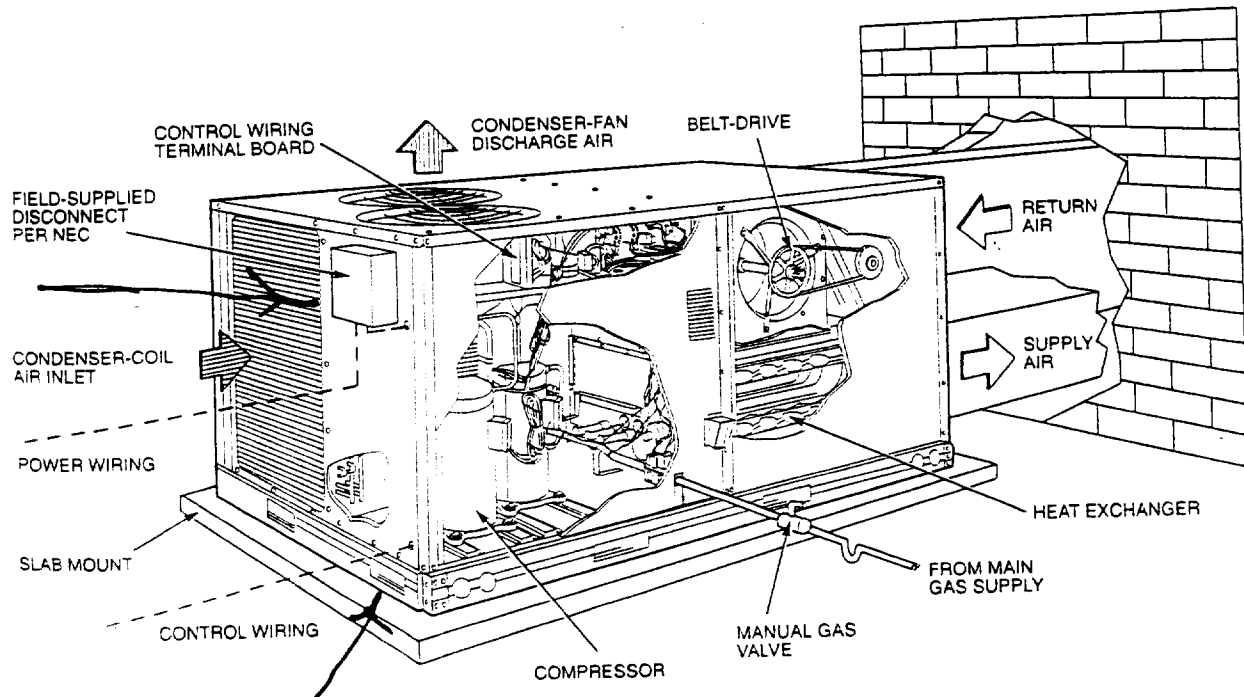
Typical piping and wiring — 48TJ004-014



VERTICAL DISCHARGE DUCTING



HORIZONTAL DISCHARGE DUCTING



NEC — National Electrical Code

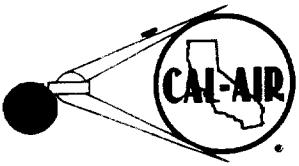
UNIT SIZE 48TJ	E/F004	D/E/F005	D/E/F006	D/E/F007
NOMINAL CAPACITY (tons)	3	4	5	6
OPERATING WEIGHT (lb)				
Unit	460	470	490	565
Al/Al*	465	476	497	576
Al/Cu*	468	482	505	587
Cu/Cu*				
Economizer	34	34	34	34
Durablade	42	42	42	42
Parablade		115	115	115
Roof Curb†				
COMPRESSOR		Hermetic		
Quantity	1	1	1	1
No. Cylinders (per Circuit)	2	2	2	2
Oil (oz)	50	50	50	54
REFRIGERANT TYPE		R-22		
Expansion Device		Acutrol™ Feed Device		
Operating Charge (lb-oz)				
Circuit 1	3-6	4-11	5-13	7-8
Circuit 2	—	—	—	—
CONDENSER COIL		Enhanced Copper Tubes, Aluminum Lanced Fins		
Rows...Fins/in.	1...17	1...17	1...17	2...17
Total Face Area (sq ft)	7.36	11.39	13.19	10.42
CONDENSER FAN		Propeller Type		
Nominal Cfm	3500	4000	4000	4000
Quantity...Diameter (in.)	1...22.0	1...22.0	1...22.0	1...22.0
Motor Hp...Rpm	¼...1100	¼...1100	¼...1100	¼...1100
Watts Input (Total)	325	325	325	325
EVAPORATOR COIL		Enhanced Copper Tubes, Aluminum Double-Wavy Fins		
Rows...Fins/in.	2...15	2...15	3...15	4...15
Total Face Area (sq ft)	4.17	5.5	5.5	5.5
EVAPORATOR FAN		Centrifugal Type		
Quantity...Size (in.)	Std 1...10 x 10 Alt 1...10 x 10	Std 1...10 x 10 Alt 1...10 x 10	Std 1...11 x 10 Alt 1...10 x 10	Std 1...10 x 10 Alt Belt
Type Drive	Std Direct Alt Belt	Std Direct Alt Belt	Std Direct Alt Belt	Std Belt Alt —
Nominal Cfm	1200	1600	2000	2400
Motor Hp	—	—	—	—
Maximum Continuous Bhp	Std .34 Alt 1.00	Std .75 Alt 1.00	Std 1.20 Alt 1.80	Std 2.40 Alt —
Motor Frame Size	Std 48 Alt 48	Std 48 Alt 48	Std 48 Alt 48	Std 56 Alt —
Nominal Rpm High/Low	Std 860/800 Alt —	Std 1075/970 Alt —	Std 1075/970 Alt —	Std 1070-1460 Alt —
Fan Rpm Range	Std 760-1000 Alt —	Std 835-1185 Alt —	Std 900-1300 Alt —	Std — Alt —
Motor Bearing Type	Ball	Ball	Ball	Ball
Maximum Allowable Rpm	2100	2100	2100	2100
Motor Pulley Pitch Diameter Min/Max (in.)	Std — Alt 1.9/2.9	Std — Alt 1.9/2.9	Std — Alt 2.4/3.4	Std — Alt ¾
Nominal Motor Shaft Diameter (in.)	Std ½ Alt ½	Std ½ Alt ½	Std ½ Alt ½	Std ½ Alt ½
Fan Pulley Pitch Diameter (in.)	Std — Alt 4.5	Std — Alt 4.0	Std — Alt 4.5	Std — Alt —
Nominal Fan Shaft Diameter (in.)	—	—	—	1...A...40
Belt, Quantity...Type...Length (in.)	Std — Alt 1...A...34	Std — Alt 1...A...34	Std — Alt 1...A...39	Std — Alt 14.7-15.5
Pulley Center Line Distance (in.)	Std — Alt 10.0-12.4	Std — Alt 10.0-12.4	Std — Alt 14.7-15.5	Std — Alt 80
Speed Change per Full Turn of Movable Pulley Flange (rpm)	Std — Alt 48	Std — Alt 70	Std — Alt 80	Std — Alt 5
Movable Pulley Maximum Full Turns From Closed Position	Std — Alt 5	Std — Alt 5	Std — Alt 5	Std — Alt 3
Factory Setting	Std — Alt 3	Std — Alt 3	Std — Alt 3	Std — Alt 1225
Factory Speed Setting (rpm)	Std — Alt 856	Std — Alt 975	Std — Alt 1060	Std — Alt ½
Fan Shaft Diameter at Pulley (in.)	Std — Alt ½	Std — Alt ½	Std — Alt ½	Std — Alt —

LEGEND
 Al — Aluminum
 Bhp — Brake Horsepower
 Cu — Copper

*Evaporator coil fin material/condenser coil fin material. Contact your local representative for details about coated fins.
 †Weight of 14-in. roof curb.

**Requires an optional or accessory Controls Upgrade Kit.
 ††Rollout switch lockout is manually reset by interrupting power to unit or resetting thermostat.

NOTE: The 48TJ004-014 units have a loss-of-charge/low-pressure switch (accessory or option) located in the liquid line.

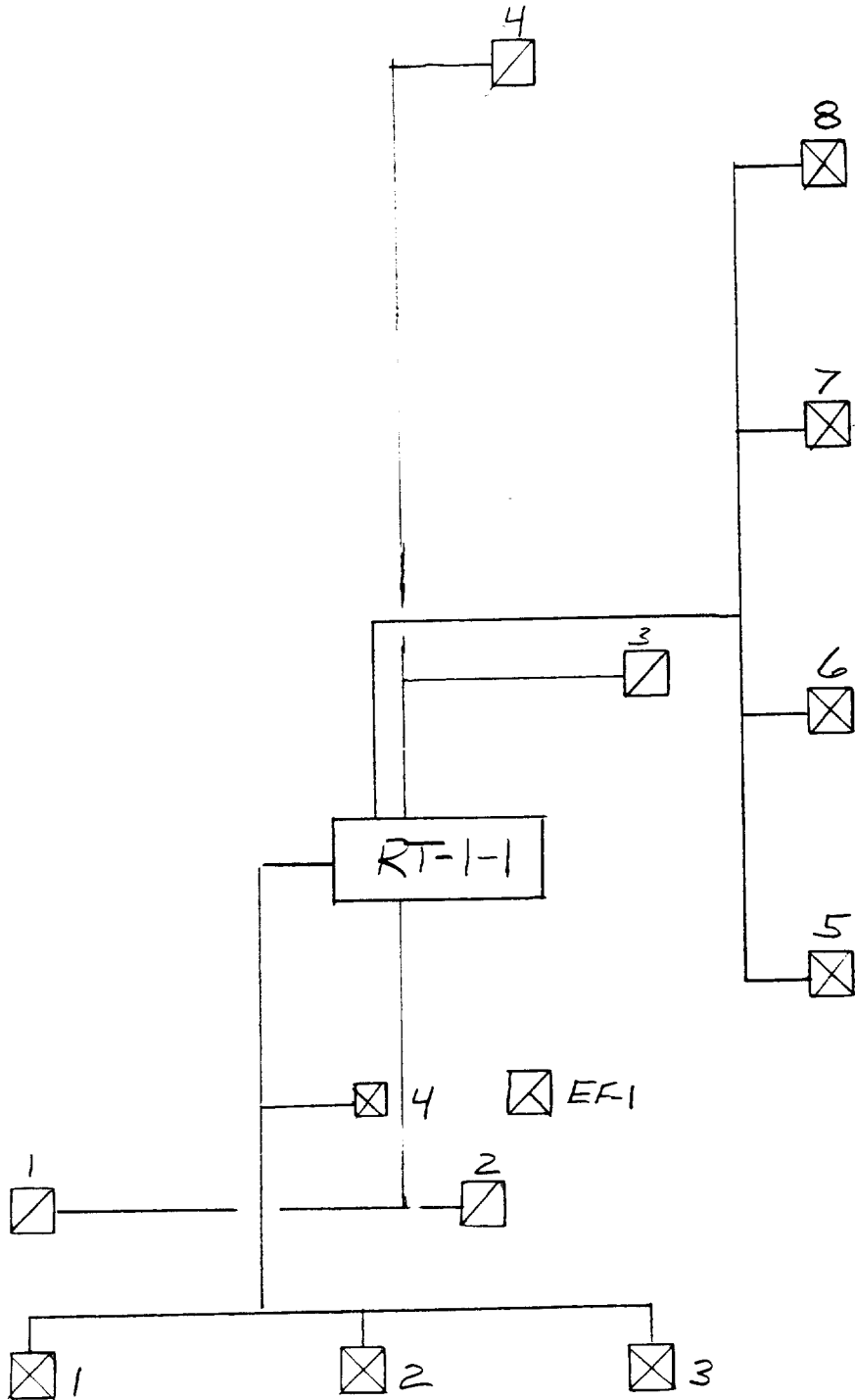


CAL-AIR, INC.

4061 SEAPORT BOULEVARD
WEST SACRAMENTO, CA 95691
(916) 375-8405
(916) 371-4554 FAX

JOB NAME KTXL	
LOCATION SACRAMENTO	
DATE 11-9-00	JOB# 719538
REF:	DRW BY: RAP

RT-1/1



☒ EF-2

S/A = 1975

W/A = 1656 + 200 = 185

O/A = 500

AIR BALANCE REPORT RT-1/1

System # RT-1/2 Diagram:

- R/A
- S/A
- Exh/A
- OSA

$$R/A = 1724 \text{ CFM}$$

$$S/A = 1963 \text{ CFM}$$

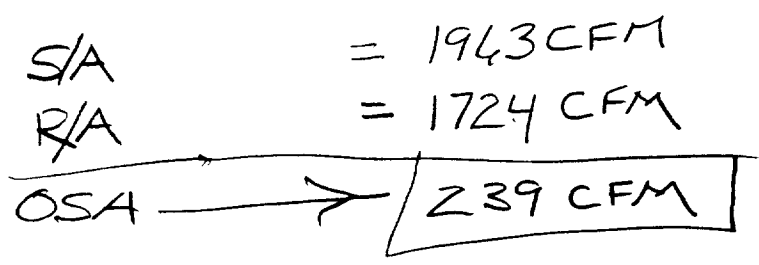
$$OSA = \boxed{239 \text{ CFM}}$$

System:	Design CFM	Test #1	Test #2	Adj. CFM	+/- Design
Outlet 1	300	322	296	-04	-1%
Outlet 2	250	302	260	+10	+2.5%
Outlet 3	300	335	305	+05	+1%
Outlet 4	75	65	65	-10	-13
Outlet 5	250	182	241	-09	-4%
Outlet 6	250	310	252	+02	+1%
Outlet 7	250	278	261	+11	+4%
Outlet 8	300	265	283	-17	-6%
Outlet 9					
Outlet 10					
Total	1975	2059	1963		

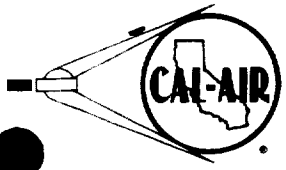
AIR BALANCE REPORT RT-1/1

System # RT-1/1 Diagram:

- R/A
- S/A
- Exh/A
- OSA



System:	Design CFM	Test #1	Test #2	Adj. CFM	+/- Design
Outlet 1	400	365	389	-11	-3%
Outlet 2	400	446	398	-02	-1%
Outlet 3	500	576	465	-35	-7%
Outlet 4	500	385	472	-28	-6%
Outlet 5					
Outlet 6					
Outlet 7					
Outlet 8					
Outlet 9					
Outlet 10					
Total	1800	1772	1724		

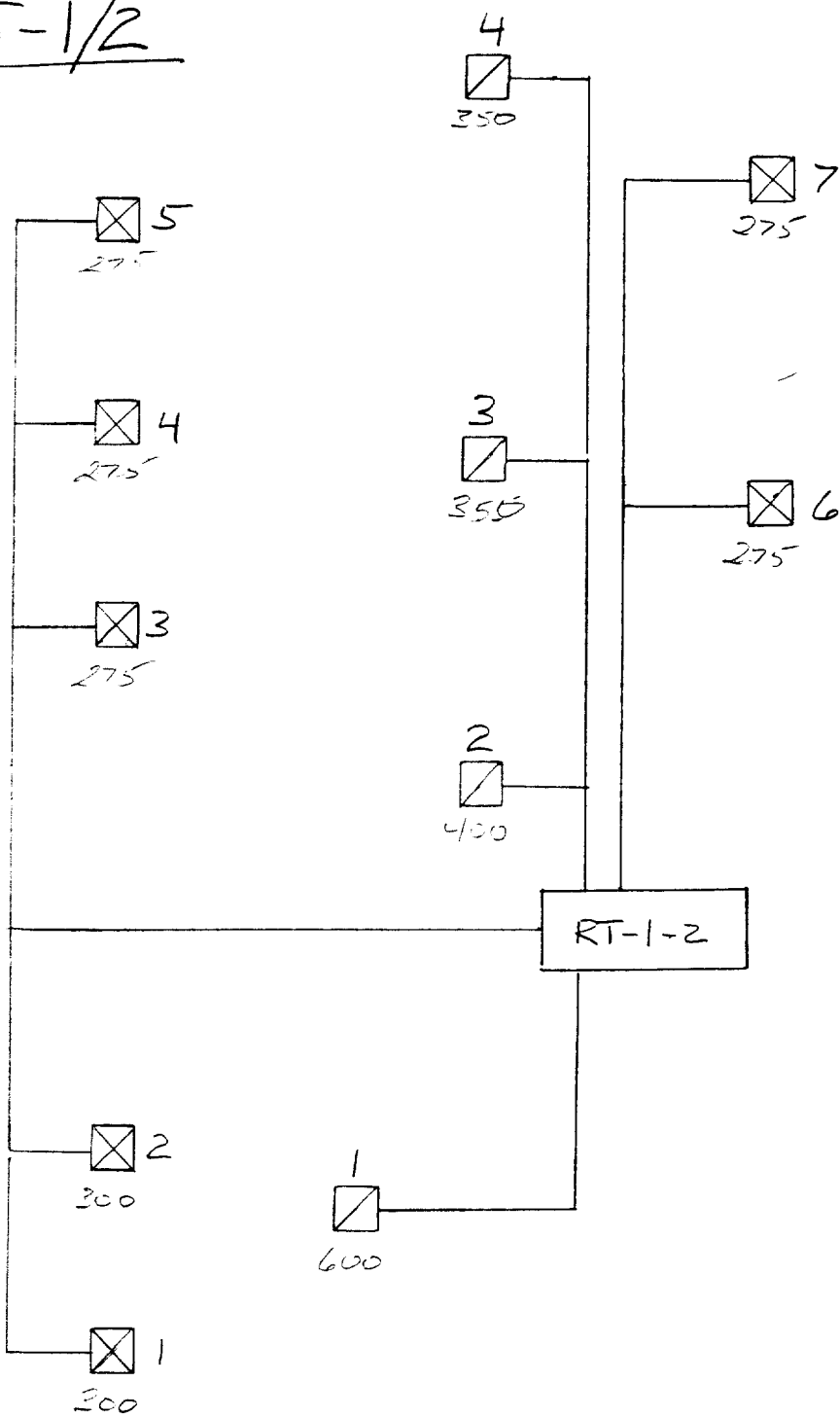


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LOCATION SACRAMENTO	
DATE 11-9-00	JOB# 719538
REF:	DRW BY: RAP

RT-1/2



RT-1-2
 S/A = 1500
 C/A = 275

AIR BALANCE REPORT RT-1/2

System # RT-1/2 Diagram:

- R/A
- S/A
- Exh/A
- OSA

$$\begin{aligned}
 SA &= 1986 \text{ CFM} \\
 RA &= 1734 \text{ CFM} \\
 \hline
 OSA &= \boxed{252 \text{ CFM}}
 \end{aligned}$$

System:	Design CFM	Test #1	Test #2	Adj. CFM	+/- Design
Outlet 1	600	754	621	+21	+4%
Outlet 2	375	397	380	+05	+1%
Outlet 3	375	310	373	+02	+1%
Outlet 4	375	292	360	-15	-4%
Outlet 5					
Outlet 6					
Outlet 7					
Outlet 8					
Outlet 9					
Outlet 10					
Total	1725	1753	1734		

AIR BALANCE REPORT RT-1/2

System # RT-1/2 Diagram:

- R/A
- S/A
- Exh/A
- OSA

$$\begin{array}{r}
 S/A = 1986 \text{ CFM} \\
 R/A = 1734 \\
 \hline
 OSA = \boxed{252}
 \end{array}$$

System:	Design CFM	Test #1	Test #2	Adj. CFM	+/- Design
Outlet 1	300	335	301	01	1%
Outlet 2	300	362	310	10	3%
Outlet 3	275	307	287	02	1%
Outlet 4	275	260	281	-04	-1%
Outlet 5	275	235	260	-15	-5%
Outlet 6	275	311	285	+10	3%
Outlet 7	275	251	262	-13	-5%
Outlet 8					
Outlet 9					
Outlet 10					
Total	1975	2061	1986		