

**CHERRY HILL TOWNSHIP****OPEN PUBLIC RECORDS ACT REQUEST FORM**
Cherry Hill TownshipDate Received: 8/9/2024Tracking Number: _____
OPRA-Req-24-1360**Important Notice**

The last page of this form contains important information related to your rights concerning government records. Please read it carefully.

Requestor InformationName: Breean Stumpf
Address: _____
City: _____ State: NJ Zip: _____
Telephone: _____ Fax: _____
Email: xxxxxxxxxxxxxxxxxxxxxxxxxxxx@xxxxxxxx.xxxxxxxxx.xxx
Preferred Delivery: E-Mail**Payment Information**Maximum Authorized Cost 0Letter size pages - \$0.05 per page
Legal size pages - \$0.07 per page
Other materials (CD, DVD, etc) - actual
cost of material☐ If you are requesting records containing personal information: Under penalty of N.J.S.A.
2C:28-3, I certify that I HAVE NOT been convicted of any indictable offense under the laws of
New Jersey, any other state, or the United States.

Signature: _____ Date: _____

Record Request Information:Location: 400 BRUCE RD☐ Includes Common Law Request

Records requested:

OPRA/OPEN & CLOSE PERMITS - 400 Bruce Rd, Cherry Hill, NJ 08034**AGENCY USE ONLY:**Est. Document Cost: _____
Est. Delivery Cost: _____
Est. Extras Cost: _____
Total Est. Cost: _____
Deposit Amount: _____
Estimated Balance: _____
Deposit Date: _____**AGENCY USE ONLY:****Disposition Notes:**Custodian: If any part of request cannot be
delivered in seven business days, detail
reason here.In Progress - Open _____
Denied - Closed _____
Filled - Closed _____
Partial - Closed _____**AGENCY USE ONLY:****Tracking Information:**Tracking # _____ Total _____
Rec'd Date _____ Deposit _____
Ready Date _____ Bal. Due _____
Total Pages _____ Bal. Paid _____**Records Provided:**

Custodian Signature: _____

Date: _____

BLOCK 339.27 LOT 8

QUALIFICATION CODE

ADDRESS (SITE)

PERMIT NO. _____

(S.W.)
AUG 26 1934



CONSTRUCTION PERMIT APPLICATION

Applicant Completes: Sections I, II, III (optional), IV, VI, and VII

I. IDENTIFICATION

4. Proposed Work Site at: 400 Bruce Ave Cherry Hill
 2. Name of Owner in Fee: William Clark Tel. (856) 779-1310
 Address 400 Bruce Ave Cherry Hill 08034
street municipality zip code
 3. Ownership in Fee: Public ☐ Private ☒
 4. Principal Contractor: Audubon Corp Tel. (856) 547-3000
 Address 257 W Nicholson Rd Aud
 License No. OR, if new home, Builder Reg. No. 288 Exp. Date _____
 Federal Employee No. [REDACTED] FAX: (856) _____
 5. Architect or Engineer _____ Tel. (856) _____
 Address _____ Contact _____
 6. Responsible Person in Charge once Work has Begun Charles Safaryn
 Tel. (856) 547-3000 FAX: (856) _____

V. FEE SUMMARY (for office use only)

- | | | Update | Update |
|-----------------------------------|----|--------|--------|
| 1. Building | \$ | | |
| 2. Electrical | | 46 | |
| 3. Plumbing | | | |
| 4. Fire Protection | | | |
| 5. Elevator Devices | | | |
| 6. Subtotal | \$ | | |
| 7. Less 20% for State Plan Review | | | |
| 8. Subtotal | \$ | | |
| 9. State Permit Surcharge Fee | | 1 | |
| 10. Subtotal | \$ | | |
| 11. Cert. of Occupancy | | | |
| 12. Other | | | |
| 13. TOTAL | \$ | 47 | |

VI. BUILDING/SITE CHARACTERISTICS

1. Number of Stories _____
2. Height of Structure _____ ft.
3. Area — Largest Floor _____ sq. ft.
4. New Building Area _____ sq. ft.
5. Volume of New Structure _____ cu. ft.
6. Construction Classification _____
7. Total Land Area Disturbed _____ sq. ft.
8. Flood Hazard Zone _____
9. Base Flood Elevation _____ ft.
10. Wetlands yes _____
 no _____
11. Max. Live Load _____
12. Max. Occupancy Load _____

(office use only)

II. PROPOSED WORK

1. ☐ Minor Work
2. ☐ New Building
3. ☐ Addition
4. ☐ a. Repair
☐ b. Alteration
☐ c. Renovation
☐ d. Reconstruction
5. ☐ Fire Protection
6. ☐ Plumbing
7. ☒ Electrical
8. ☐ Elevator Devices
9. ☐ Asbestos Abat. Subch. 8
10. ☐ Lead Hazard Abatement
11. ☐ Demolition

TOTAL COSTS

OPTIONAL (for office use only)[illegible]

VII. DESCRIPTION OF BUILDING USE

A. RESIDENTIAL

1. State Specific Use:
2. Use Group: *R-5*
3. Change in Use Group, Indicate Former:
4. No. of dwelling units:
- | | <i>All Units</i> | <i>income-restricted</i> |
|---------------------|------------------|--------------------------|
| Before Construction | _____ | _____ |
| After Construction | _____ | _____ |
| Net Gain or Loss | _____ | _____ |

B. NON-RESIDENTIAL

1. State Specific Use:
2. Use Group:
3. Change in Use Group, Indicate Former:

III. DO YOU WANT: (optional)

1. ☐ Partial Releases
2. ☐ Prototype Processing

IV. DOES OR WILL YOUR BUILDING CONTAIN ANY OF THE FOLLOWING?

1. ☐ Elevators/Escalators/Lifts/
Dumbwaiters/Moving Walks
2. ☐ High Pressure Boilers
3. ☐ Pressure Vessels
4. ☐ Refrigeration Systems
5. ☐ Cross-Connections/Backflow Preventers
6. ☐ Hazardous Uses/Places of Assembly
7. ☐ Sprinklers
8. ☐ Smoke Control Systems in Open Wells
9. ☐ Underground Storage Tanks
10. ☐ Swimming Pools, Spas and Hot Tubs

CERTIFICATION IN LIEU OF OATH.

I. OWNER SECTION (to be completed if the applicant is the owner in fee)

I hereby certify that I am the owner in fee of the property listed on Page 1.

Mark the following applicable boxes:

- A. ☐ I further certify that a new home (private residence) will be constructed on this property for my own use and occupancy. This dwelling is to be occupied by myself and is not to be used for any purpose other than single family residential use. I attest that all construction, plumbing, or electrical work will be done, in whole or in part, by me or by subcontractors under my supervision, in accordance with all applicable laws; and, I further acknowledge that said new home is not covered under the New Home Warranty and Builders Registration Act (N.J.S.A. 46:3B-1 et seq.) and that such fact shall be disclosed to any person purchasing this property within ten years of the date of issuance of a certificate of occupancy.

I UNDERSTAND THAT IN MARKING BOX A, I ACKNOWLEDGE THAT I AM ASSUMING RESPONSIBILITY FOR THE WORK DONE ON SAID PROPERTY, THE CONDITION OF THE PROPERTY PRIOR TO, DURING, AND AFTER ANY WORK PERFORMED, AND FOR THE PERFORMANCE OF THE SUBCONTRACTORS I HIRE, EMPLOY, OR OTHERWISE CONTRACT OR WITH WHOM I MAKE AGREEMENTS TO PERFORM WORK. I AM VOLUNTARILY AND KNOWINGLY ASSUMING THIS RESPONSIBILITY.

- B. ☐ I further certify the following as required by the New Jersey Uniform Construction Code, N.J.A.C. 5:23-2.15(e)1.vii:

I personally prepared the plans submitted for: 1) the new home referred to in A.; or, 2) an addition, alteration, renovation, or repair to an existing single family residence owned and occupied by myself and located on the property listed on Page 1; or, 3) a new structure that will be physically separate from, but that will be deemed part of, an existing single family residence that is owned and occupied by myself and located on the property listed on Page 1.

- C. ☐ I further certify that I will perform or supervise the following work:

C.1. ☐ Building C.2. ☐ Fire Protection

I further certify that I will perform the following work:

C.3. ☐ Electrical C.4. ☐ Plumbing

- D. ☐ I agree to advise all contractors on this project that they are required to be registered with the New Jersey Division of Taxation and to comply with all New Jersey tax laws.

I further certify the following as required by the Uniform Construction Code, N.J.A.C. 5:23-2.15(a)5: All required State, county, and local prior approvals have been given, including such certification as the construction official may require.

I understand that if any of the above statements are willfully false, I am subject to punishment.

Signature _____ Date _____

II. AGENT SECTION (to be completed if the applicant is not the owner in fee)

I hereby certify the following as required by the Uniform Construction Code, N.J.A.C. 5:32-2.15(d): the proposed work is authorized by the owner in fee; and I have been authorized by the owner in fee to make this application as his agent.

I further certify the following as required by the Uniform Construction Code, N.J.A.C. 5:23-2.15(a)5: All required State, county, and local prior approvals have been given, including such certification as the construction official may require.

I agree to advise all contractors on this project that they are required to be registered with the New Jersey Division of Taxation and to comply with all New Jersey tax laws.

I understand that if any of the above statements are willfully false, I am subject to punishment.

☒ Check if contractor.

Agent Name Audubon Cesco

Address 257 W Nicholson Rd

Audubon NJ 08106

Telephone 542-3000

Signature Charles Lafayn

III. ☐ LEAD HAZARD ABATEMENT: Include Homeowner or Building Owner Affidavit as per N.J.A.C. 5:17.

OFFICE DATE RECEIVED: _____

VIII. PRIOR APPROVALS CHECKLIST (office use only)	LOCAL APPROVAL		COUNTY APPROVAL		REGIONAL APPROVAL		STATE APPROVAL		COMMENTS
	Prelimin. Initial	Final Date	Prelimin. Initial	Final Date	Prelimin. Initial	Final Date	Prelimin. Initial	Final Date	
☐ Zoning Officer									
☐ Planning Board									
☐ Zoning Board									
☐ Sewer Authority									
☐ Water Authority									
☐ Police Department									
☐ Health Department									
☐ Soil Conservation									
☐ N.J. Department of Community Affairs									
☐ N.J. Department of Transportation									
☐ N.J. Department of Environmental Protection									
☐ Utility Dig No.									
☐									
☐									

IX. SUBCODES AND SPECIAL REGULATIONS APPLICABLE (office use only—optional)

Name of Code & Edition	Name of Code & Edition	Other
Building _____	Energy _____	
Electrical _____	Barrier Free _____	
Plumbing _____	Flood Hazard _____	
Fire Protection _____	As Built Elevation Cert. _____	
Mechanical _____	Other _____	

X. CERTIFICATES ISSUED (office use only)

	DATE ISSUED	DATE EXPIRED	DATE REISSUED	DATE EXPIRED
☐ Temporary Certificate of Occupancy	No. _____	_____	_____	_____
☐ Temporary Certificate of Compliance	No. _____	_____	_____	_____
☐ Continued Certificate of Occupancy	No. _____	_____	_____	_____
☐ Certificate of Compliance	No. _____	_____	_____	_____
☐ Certificate of Occupancy	No. _____	_____	_____	_____
☐ Certificate of Approval	No. _____	_____	_____	_____
☐ Lead Abatement Clearance Certificate	No. _____	_____	_____	_____



TOWNSHIP OF CHERRY HILL
820 MERCER STREET
CHERRY HILL, NJ 08002
856-488-7855

CERTIFICATE

Date Issued: 09/21/2004

Control #: 48577

Permit #: 20042310

IDENTIFICATION

Block: 339.27 Lot: 8 Qualification Code: _____
Work Site Location: 400 BRUCE AVE
CHERRY HILL
Owner in Fee: WILLIAM CLARK
Address: 400 BRUCE AVE
CHERRY HILL NJ 08034
Telephone: 856 779-1340
Agent/Contractor: AUDUBON CESCO CORPORATION
Address: 257 W. NICHOLSON ROAD
AUDUBON NJ 08106
Telephone: 856 547-3000
Lic. No./ Bldrs. Reg.No.: 288 Federal Emp. No.: [REDACTED]
Social Security No.: _____

Home Warranty No: _____
Type of Warranty Plan: ☐ State ☐ Private
Use Group: R-5
Maximum Live Load: _____
Construction Classification: _____
Maximum Occupancy Load: _____
Certificate Exp Date: _____
Description of Work/Use: A/C REPLACEMENT

☐ CERTIFICATE OF OCCUPANCY

This serves notice that said building or structure has been constructed in accordance with the New Jersey Uniform Construction Code and is approved for occupancy.

☒ CERTIFICATE OF APPROVAL

This serves notice that the work completed has been constructed or installed in accordance with the New Jersey Uniform Construction Code and is approved. If the permit was issued for minor work, this certificate was based upon what was visible at the time of inspection.

☐ TEMPORARY CERTIFICATE OF OCCUPANCY/COMPLIANCE

If this is a temporary Certificate of Occupancy or Compliance, the following conditions must be met no later than _____ or will be subject to fine or order to vacate:

Anthony Saccomanno, Construction Official

☐ CERTIFICATE OF CLEARANCE-LEAD ABATEMENT 5:17

This serves notice that based on written certification, lead abatement was performed as per NJAC 5:17, to the following extent:

- ☐ Total removal of lead-based paint hazards in scope of work
- ☐ Partial or limited time period(____ years); see file

☐ CERTIFICATE OF CONTINUED OCCUPANCY

This serves notice that based on a general inspection of the visible parts of the building there are no imminent hazards and the building is approved for continued occupancy.

☐ CERTIFICATE OF COMPLIANCE

This serves notice that said potentially hazardous equipment has been installed and/or maintained in accordance with the New Jersey Uniform Construction Code and is approved for use until _____

Fees \$0.00

Paid ☐ Check No. _____

Collected by: _____



TOWNSHIP OF CHERRY HILL
820 MERCER STREET
CHERRY HILL, NJ 08002
856 - 488-7855

Permit Number: 20042310
Permit Date: 09/01/2004
Update Number:
Control Number: 48577
Application Date: 08/27/04

CONSTRUCTION PERMIT IDENTIFICATION

OWNER/PROPERTY DETAILS

Block : 339.27	Lot : 8	Qualifier :	Contractor:	AUDUBON CESCO CORPORATION
Work site Location:	400 BRUCE AVE	CHERRY HILL	Address:	257 W. NICHOLSON ROAD
Owner In Fee:	WILLIAM CLARK			AUDUBON NJ 08106
Address:	400 BRUCE AVE		Telephone:	(856) - 547-3000
	CHERRY HILL NJ 08034		Lic. No. / Bldrs. Reg. No.:	288
Telephone:	(856) - 779-1340		Federal Emp. No.:	
Use Group(s):	R-5			

is hereby granted permission to perform the following work :

- | | |
|--|--|
| ☐ BUILDING | ☐ PLUMBING |
| ☒ ELECTRICAL | ☐ FIRE PROTECTION |
| ☐ ELEVATOR DEVICES | ☐ MECHANICAL |
| ☐ LEAD HAZARD ABATEMENT | ☐ DEMOLITION |
| ☐ ASBESTOS ABATEMENT | ☐ OTHER |

(Subchapter 8 only)

DESCRIPTION OF WORK:

A/C REPLACEMENT

ESTIMATED COST OF WORK:

Cost of Construction: \$0.00
Cost of Alteration: \$150.00
Cost of Demolition: \$0.00
Total Cost: \$150.00

If construction does not commence within one year of date of issuance,
or if construction ceases for a period of six months, this permit is void.

Anthony Saccomanno

Construction Official

Date

:: Failure to obtain all required inspections may result in administrative action.
:: Final inspections are required before final payment is to be made to contractor.
:: An approved set of plans must be kept at the worksite at all times.

Note:

PAYMENTS (Office Use Only)

[70-43]	Building	
[70-48]	Electrical	\$46.00
[70-36]	Plumbing	
[70-37]	Fire Protection	
[70-61]	Elevator Devices	
[70-38]	Mechanical	
[70-91]	VolFee (DCA)	
[70-91]	AltFee (DCA)	\$1.00
[70-50]	CO Fee	
[70-50]	CCO Fee	
[70-45]	Engineering	
[71-78]	Sewer	
[70-62]	Shade Tree	
[70-53]	Street Opening	
[73-83]	Street Open. Escrow	
Total :		\$ 47.00

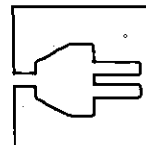
All Fees Waived No

Amount to be Paid: \$ 47.00 10717
Check Number:
Check amount: \$47.00

Collected by: sd
Total Cash Amount
Total Check Amount \$47.00
Total CC Amount
Grand Total \$47.00



ELECTRICAL SUBCODE TECHNICAL SECTION



Date Received
Date Issued 9-1-04
Control #
Permit # 2004-2310

A. IDENTIFICATION—APPLICANT: COMPLETE ALL APPLICABLE INFORMATION. WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000.

Block 339.27 Lot 8
Work Site Location 400 Bruce Rd
Cherry Hill
Owner in Fee/Occupant William Clark
Address 400 Bruce Rd
Cherry Hill
Tele. () 779-1340
Contractor Chris Kaluhioralani
Address 28 Cherry Lane
Clementon, NJ 08021
Tele. () 435-1991 Fax ()
Lic. No. 11148
Federal Emp. No.

B. ELECTRICAL CHARACTERISTICS

Use Group Present _____ Proposed _____
[] Pole/Pad # _____ [] Temporary [] Other _____
Building Occupied as _____ Utility Co. _____
Est. Cost of Elec. Work \$ 150.00

JOB SUMMARY (Office Use Only)

PLAN REVIEW	Date	Initial	INSPECTIONS	Dates (Month/Day)
[x] No Plans Required	9/1/04	W	Type:	Failure Failure Approval Initial
Joint Plan Review Required:			Rough	
[] Building [] Plumbing			Temp. Serv.	
[] Fire [] Elevator			Constr. Serv.	
[] Elec. Plans Approved			TCO	
Date:			Other	
Approved by:			Service	
			Final	
SUBCODE APPROVAL			Temp. Cut-in-Card Date Issued	
[] CO [] CCO [x] CA			Final Cut-in-Card Date Issued	
Date: 9/1/04				
Approved by:				

C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I am the (agent of) owner of record and am authorized to make this application and perform the work listed on this application.

Applicant's Signature/Contractor's Seal and Signature

[x] Licensed Electrical Contractor [] Exempt Applicant

D. TECHNICAL SITE DATA

QTY.	SIZE	ITEMS
		Lighting Fixtures
		Receptacles
1		Switches
		Detectors
		Light Poles
		Motors—Fract. HP
		Emergency & Exit Lights
		Communications Points
		Alarm Devices/F.A.C. Panel
1		TOTAL NUMBERS
		Pool Permit/with UW Lights
		Storable Pool/Spa/Hot Tub
		KW Elec. Range/Receptacle
		KW Oven/Surface Unit
		KW Elec. Water Heater
		KW Elec. Dryer/Receptacle
		KW Dishwasher
		HP Garbage Disposal
1	240	KW Central A/C Unit
		HP/KW Space Heater/Air Handler
		KW Baseboard Heat
		HP Motors 1/+ HP
		KW Transformer/Generator
		AMP Service
		AMP Subpanels
		AMP Motor Control Center
		KW Elec. Sign/Outline Light

FEE (Office Use Only)

\$ 31.00

9.00

Administrative Surcharge	\$ <u>6.00</u>
Minimum Fee	\$ <u>40.00</u>
DCA Training Fee	\$
TOTAL FEE	\$

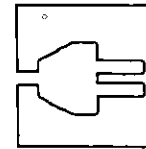
UCC/PRO F-120 (REV3/96)
Professional Printing
(856)468-7933

1 White = Inspector Copy
3 Pink = Office Copy
2 Canary = Office Copy
4 Gold = Applicant Copy

9/19/77 - BUORE can reg'd for GKE Receipts
NIC 906.8 (A)



ELECTRICAL SUBCODE TECHNICAL SECTION



Date Received
Date Issued 9-1-04
Control #
Permit # 2004-3310

A. IDENTIFICATION—APPLICANT: COMPLETE ALL APPLICABLE INFORMATION WHEN CHANGING CONTRACTORS. NOTIFY THIS OFFICE. CALL UTILITY DIG NO. 1-800-272-1000

Block _____ Lot _____
Work Site Location _____
Owner in Fee/Occupant _____
Address _____
Tele (_____) _____
Contractor _____
Address _____
Tele (_____) _____ Fax (_____) _____
Lic. No. _____
Federal Emp. No. _____

B. ELECTRICAL CHARACTERISTICS

Use Group Present _____ Proposed _____
[] Pole/Pad # _____ [] Temporary [] Other _____
Building Occupied as _____ Utility Co. _____
Est. Cost of Elec. Work \$ _____

JOB SUMMARY (Office Use Only)

PLAN REVIEW	Date	Initial	INSPECTIONS	Dates (Month/Day)			
[✓] No Plans Required			Type	Failure	Failure	Approval	Initial
Joint Plan Review Required:			Rough				
[] Building [] Plumbing			Temp Serv				
[] Fire [] Elevator			Constr Serv				
[] Elec Plans Approved			TCO				
Date: _____			Other				
Approved by: _____			Service				
			Final				

SUBCODE APPROVAL
[] CO [] CCO [] CA
Date: _____
Approved by: _____
Temp Cut-in-Card Date Issued _____
Final Cut-in-Card Date Issued _____

C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I am the (agent of) owner of record and am authorized to make this application and perform the work listed on this application.

Applicant's Signature/Contractor's Seal and Signature

[X] Licensed Electrical Contractor [] Exempt Applicant

D. TECHNICAL SITE DATA

QTY	SIZE	ITEMS
		Lighting Fixtures
		Receptacles
1		Switches
		Detectors
		Light Poles
		Motors—Fract HP
		Emergency & Exit Lights
		Communications Points
		Alarm Devices/F.A.C. Panel
		TOTAL NUMBERS
		Pool Permit/with UW Lights
		Storable Pool/Spa/Hot Tub
		KW Elec. Range/Receptacle
		KW Oven/Surface Unit
		KW Elec. Water Heater
		KW Elec. Dryer/Receptacle
		KW Dishwasher
1		HP Garbage Disposal
		KW Central A/C Unit
		HP/KW Space Heater/Air Handler
		KW Baseboard Heat
		HP Motors 1/+ HP
		KW Transformer/Generator
		AMP Service
		AMP Subpanels
		AMP Motor Control Center
		KW Elec. Sign/Outline Light

FEE (Office Use Only)

\$ 300

Administrative Surcharge	\$ 60
Minimum Fee	\$ 900
DCA Training Fee	\$
TOTAL FEE	\$

UCC/PRO F-120 (REV3/96)
Professional Printing
(856)468-7933

1 White = Inspector Copy
2 Canary = Office Copy
3 Pink = Office Copy
4 Gold = Applicant Copy

DATE**JOB CONDITION / COMMENTS**[illegible]

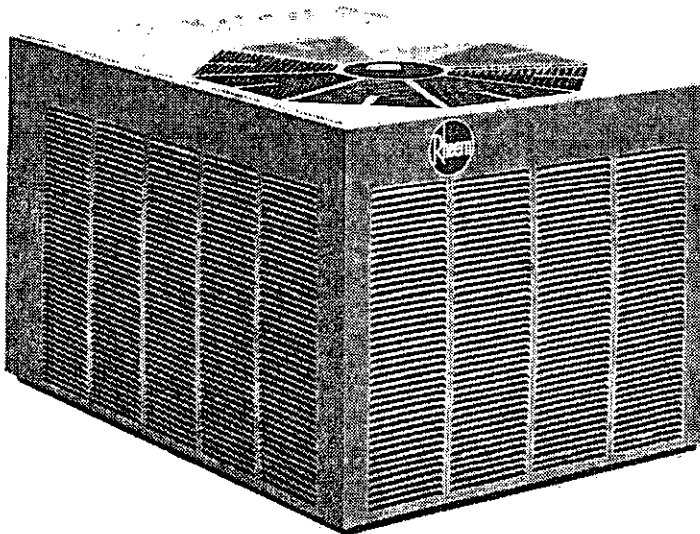
CONDENSING UNITS



CLASSIC XIV™ SUPER HIGH EFFICIENCY CONDENSING UNITS

RAPA- SERIES

Nominal Sizes 2 to 5 Tons
[7.03 kW] to [17.58 kW]



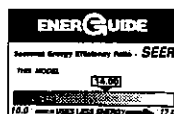
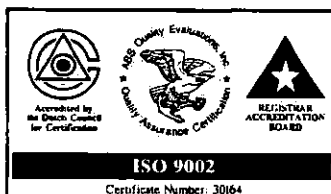
Six Models

Cooling Capacities
24,000 to 60,000 BTU/HR
[7.03 kW] to [17.58 kW]

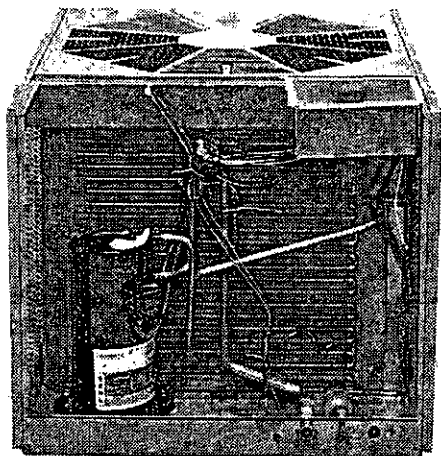
The Rheem® Classic XIV™ Super High Efficiency RAPA-Condensing Unit was designed with performance in mind. These units offer comfort, energy conservation and dependability for single, multi-family and light commercial applications.

The Rheem Classic XIV RAPA- Condensing Units are the result of an ongoing development program for improved efficiencies. With SEER's ranging to 14.0, these units continue a tradition of high efficiency.

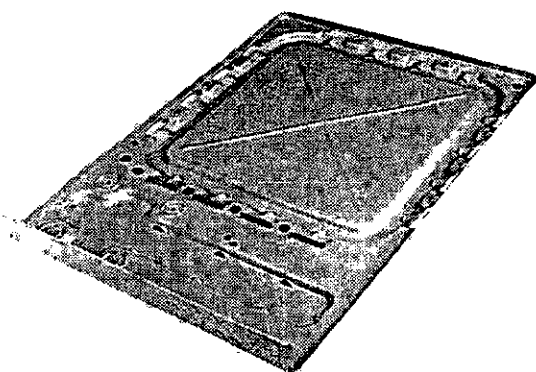
- Attractive, louvered wrap-around jacket protects the coil from yard hazards and weather extremes. Top grille is steel reinforced for extra strength. Cabinet is powder painted for all-weather protection.
- Air is discharged upward away from bushes and shrubs. The discharge pattern of the top grille provides minimum air restriction, resulting in quiet fan operation.
- Exclusive Combination Grille/Motor Mount secures the motor to the underside of the discharge grille. The grille protects the motor windings and bearings from rain and snow.
- All controls are accessible by removing one service panel. Removable top grille provides access to the condenser fan motor and condenser coil.
- Single speed motor designed for low speed, quiet, energy-saving operation.



*CERTIFIED UNDER THE
A.R.I. CERTIFICATION
PROGRAM—A.R.I.
STANDARD 210*



All controls and compressor are accessible for servicing by removal of the service panel.



Drawn Painted Base Pan.

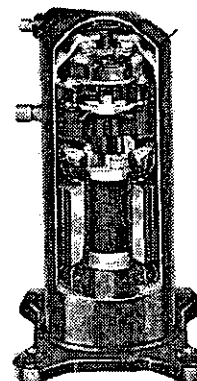
Engineering Features

RAPA- Series Condensing Units

1. Scroll compressor is hermetically sealed and incorporates internal high temperature motor overload protection, and durable insulation on the motor windings. It is externally mounted on rubber grommets to reduce vibration and noise.
2. Compressors have an internal pressure relief assembly to protect against excessive pressure differential.
3. All refrigerant connections are on the exterior of the unit, located close to the ground for neat appearing installations.
4. Cabinet is constructed of powder painted galvanized steel. The full wraparound louvered grille protects the coil from damage.
5. Copper Tube—Aluminum Fin coils are used on all models.
6. The control box is located in the top corner of the cabinet providing for easy access through a service panel.
7. Service valves are standard on all models.
8. Power and control wiring are kept separate.
9. Every unit is factory charged and tested.
10. Separate compressor compartment for easy service access.
11. Drawn, painted base pan for extra corrosion resistance and sound reduction.
12. **RAPA—JAZ Series** has a **10 year compressor limited warranty** and a liquid line filter drier. The JAZ Series also has factory installed low pressure control, high pressure control, time delay control and sound enclosure.

Field Installed Accessories

- **Compressor Time Delay Control**—Compressor will remain off for five minutes after power or thermostat interruption, allowing system pressures to equalize. (Model No. RXMD-B01)
- **Low Ambient Switch**—Cycles outdoor fan to maintain adequate condensing pressures assuring liquid refrigerant flow to the coil. Allows indoor cooling with outdoor temperatures down to 0°F [-17.8°C]. (Model No. RXAD-A04)
It is recommended that this control be installed in units to be operated at outdoor ambient temperatures under 70°F [21°C].
- **Hard Start Kits**—Standard on 036/042/048/060 models. Option for 024 and 030 models.



COPELAND® SCROLL® COMPRESSOR

Copeland's new scroll compressor is the key to efficiency for this Rheem model. It's the latest in high-efficiency compressor technology. The advanced scroll compressor offers low noise and vibration characteristics and features tolerance to liquid refrigerant and system contamination. The Copeland Scroll also has low start torque, eliminating start problems in the field. And its unique design enables the RAPA- condensing unit to perform efficiently, quietly and reliably.

Model Number Identification

<u>R</u>	<u>A</u>	<u>P</u>	<u>A</u>	<u>—</u>	<u>024</u>	<u>J</u>	<u>A*</u>	<u>Z</u>
RHEEM	CONDENSING UNIT	TYPE-P SUPER HI-EFFICIENCY	DESIGN SERIES		NOMINAL COOLING CAPACITY	ELECTRICAL DESIGNATION	VARIATIONS A = DELUXE MODEL	COMPRESSOR TYPE
					024 = 24,000 BTU/HR [7.03 kW] 030 = 30,000 BTU/HR [8.79 kW] 036 = 36,000 BTU/HR [10.55 kW] 042 = 42,000 BTU/HR [12.31 kW] 048 = 48,000 BTU/HR [14.07 kW] 049 = 48,000 BTU/HR [14.07 kW] 060 = 60,000 BTU/HR [17.58 kW] 061 = 60,000 BTU/HR [17.58 kW]	J = 208-230-1-60	Z = COPELAND ZR SCROLL COMPRESSOR	
2	Rheem Manufacturing Company							J = 1 Designates Metric Compression

Performance Data @ ARI Standard Conditions—Cooling

Model Numbers		80°F [26.5°C] DB/67°F [19.5°C] WB Indoor Air 95°F [35°C] DB Outdoor Air					Sound Rating	Indoor CFM [L/s]
Outdoor Unit RAFA-	Indoor Coil and/or Air Handler	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	EER	SEER		
024JAZ	RCGA-24A2	22,200 [6.48]	16,400 [4.80]	5,800 [1.68]	10.50	12.00	7.4	800 [380]
	RCGA-24A2 (RBEA-14)	22,400 [6.54]	16,600 [4.86]	5,800 [1.68]	10.80	12.20	7.4	800 [380]
	RCGA-24A2 (RBHA-14)	22,400 [6.54]	16,600 [4.86]	5,800 [1.68]	10.80	12.20	7.4	800 [380]
	RCGA-24A2 (RGFD-06?MCK?)	22,400 [6.54]	16,600 [4.86]	5,800 [1.68]	10.85	12.45	7.4	800 [380]
	RCGA-24A2 (RGFD-07?MCK?)	22,400 [6.54]	16,600 [4.86]	5,800 [1.68]	11.05	12.70	7.4	800 [380]
	RCGA-24A2 (RGLH-05?BMK?)	22,800 [6.66]	17,000 [4.98]	5,800 [1.68]	11.70	13.40	7.4	800 [380]
	RCGA-24A2 (RGLH-07?BRK?)	22,800 [6.66]	17,000 [4.98]	5,800 [1.68]	11.90	13.60	7.4	800 [380]
	RCGA-24A2 (RGLL-05?BMK?)	22,800 [6.66]	17,000 [4.98]	5,800 [1.68]	11.70	13.40	7.4	800 [380]
	RCGA-24A2 (RGPH-05?BMK?)	22,800 [6.66]	17,000 [4.98]	5,800 [1.68]	11.70	13.40	7.4	800 [380]
	RCGA-24A2 (RGPH-07?BRK?)	22,800 [6.66]	17,000 [4.98]	5,800 [1.68]	11.90	13.60	7.4	800 [380]
	RCGA-24A2 (RGPL-05?BMK?)	22,800 [6.66]	17,000 [4.98]	5,800 [1.68]	11.70	13.40	7.4	800 [380]
	RCGA-24A2 + RXMD-C02	22,200 [6.48]	16,400 [4.80]	5,800 [1.68]	10.50	12.10	7.4	800 [380]
	RCGA-24A2 + RXMD-C02 (RBEA-14)	22,400 [6.54]	16,600 [4.86]	5,800 [1.68]	10.80	12.30	7.4	800 [380]
	RCGA-24A2 + RXMD-C02 (RBHA-14)	22,400 [6.54]	16,600 [4.86]	5,800 [1.68]	10.80	12.30	7.4	800 [380]
	RCGJ-24A2	23,400 [6.84]	17,100 [5.01]	6,300 [1.83]	10.95	12.50	7.4	800 [380]
	RCGJ-24A2 (RBHJ-17) Ⓢ	24,000 [7.02]	17,700 [5.19]	6,300 [1.83]	12.20	14.00	7.4	800 [380]
	RCGJ-24A2 (RGFD-06?MCK?)	23,600 [6.90]	17,300 [5.07]	6,300 [1.83]	11.35	13.00	7.4	800 [380]
	RCGJ-24A2 (RGFD-07?MCK?)	23,600 [6.90]	17,300 [5.07]	6,300 [1.83]	11.45	13.15	7.4	800 [380]
	RCGJ-24A2 (RGLH-05?BMK?)	24,000 [7.02]	17,700 [5.19]	6,300 [1.83]	12.25	14.00	7.4	800 [380]
	RCGJ-24A2 (RGLH-07?BRK?)	24,000 [7.02]	17,700 [5.19]	6,300 [1.83]	12.40	14.20	7.4	800 [380]
	RCGJ-24A2 (RGLL-05?BMK?)	24,000 [7.02]	17,700 [5.19]	6,300 [1.83]	12.25	14.00	7.4	800 [380]
	RCGJ-24A2 (RGLL-07?BRK?)	24,000 [7.02]	17,700 [5.19]	6,300 [1.83]	12.40	14.20	7.4	800 [380]
	RCGJ-24A2 (RGPH-05?BMK?)	24,000 [7.02]	17,700 [5.19]	6,300 [1.83]	12.25	14.20	7.4	800 [380]
	RCGJ-24A2 (RGPH-07?BRK?)	24,000 [7.02]	17,700 [5.19]	6,300 [1.83]	12.25	14.20	7.4	800 [380]
	RCGJ-24A2 (RGPL-05?BMK?)	24,000 [7.02]	17,700 [5.19]	6,300 [1.83]	12.25	14.00	7.4	800 [380]
	RCGJ-24A2 (RGPL-07?BRK?)	24,000 [7.02]	17,700 [5.19]	6,300 [1.83]	12.40	14.20	7.4	800 [380]
	RCGJ-24A2 + RXMD-C02	23,400 [6.84]	17,100 [5.01]	6,300 [1.83]	10.95	12.60	7.4	800 [380]
030JA	RCGA-37A1	28,400 [8.34]	20,400 [6.00]	8,000 [2.34]	10.65	12.00	7.4	1,000 [470]
	RCGA-37A1 (RBEA-17)	28,600 [8.40]	20,600 [6.06]	8,000 [2.34]	11.00	12.20	7.4	1,000 [470]
	RCGA-37A1 (RBHA-17)	28,600 [8.40]	20,600 [6.06]	8,000 [2.34]	11.00	12.20	7.4	1,000 [470]
	RCGA-37A1 (RGFD-06?MCK?)	28,600 [8.40]	20,600 [6.06]	8,000 [2.34]	10.95	12.45	7.4	1,000 [470]
	RCGA-37A1 (RGFD-07?MCK?)	28,400 [8.34]	20,400 [6.00]	8,000 [2.34]	10.65	12.05	7.4	1,000 [470]
	RCGA-37A1 (RGLH-05?BMK?)	29,000 [8.52]	21,000 [6.18]	8,000 [2.34]	11.60	13.40	7.4	1,000 [470]
	RCGA-37A1 (RGLH-07?BRK?)	29,000 [8.52]	21,000 [6.18]	8,000 [2.34]	11.80	13.60	7.4	1,000 [470]
	RCGA-37A1 (RGLL-05?BMK?)	29,000 [8.52]	21,000 [6.18]	8,000 [2.34]	11.60	13.40	7.4	1,000 [470]
	RCGA-37A1 (RGLL-07?BRK?)	29,000 [8.52]	21,000 [6.18]	8,000 [2.34]	11.80	13.60	7.4	1,000 [470]
	RCGA-37A1 (RGLL-07?BRQ?)	29,000 [8.52]	21,000 [6.18]	8,000 [2.34]	11.80	13.60	7.4	1,000 [470]
	RCGA-37A1 (RGPH-05?BMK?)	29,000 [8.52]	21,000 [6.18]	8,000 [2.34]	11.60	13.40	7.4	1,000 [470]
	RCGA-37A1 (RGPH-07?BRK?)	29,000 [8.52]	21,000 [6.18]	8,000 [2.34]	11.80	13.60	7.4	1,000 [470]
	RCGA-37A1 (RGPL-05?BMK?)	29,000 [8.52]	21,000 [6.18]	8,000 [2.34]	11.60	13.40	7.4	1,000 [470]
	RCGA-37A1 (RGPL-07?BRK?)	29,000 [8.52]	21,000 [6.18]	8,000 [2.34]	11.80	13.60	7.4	1,000 [470]
	RCGA-37A1 (RGPL-07?BRQ?)	29,000 [8.52]	21,000 [6.18]	8,000 [2.34]	11.80	13.60	7.4	1,000 [470]
	RCGA-37A1 + RXMD-C02	28,400 [8.34]	20,400 [6.00]	8,000 [2.34]	10.65	12.10	7.4	1,000 [470]
	RCGA-37A1 + RXMD-C02 (RBEA-17)	28,600 [8.40]	20,600 [6.06]	8,000 [2.34]	11.00	12.30	7.4	1,000 [470]
	RCGA-37A1 + RXMD-C02 (RBHA-17)	28,600 [8.40]	20,600 [6.06]	8,000 [2.34]	11.00	12.30	7.4	1,000 [470]
	RCGJ-36A1	29,200 [8.58]	21,100 [6.18]	8,100 [2.40]	10.90	12.50	7.4	1,000 [470]
	RCGJ-36A1 (RBHJ-21) Ⓢ	30,000 [8.82]	21,900 [6.42]	8,100 [2.40]	12.05	14.00	7.4	1,000 [470]
	RCGJ-36A1 (RGLH-05?BMK?)	29,800 [8.76]	21,700 [6.36]	8,100 [2.40]	11.90	13.80	7.4	1,000 [470]
	RCGJ-36A1 (RGLH-07?BRK?)	30,000 [8.82]	21,900 [6.42]	8,100 [2.40]	12.10	14.00	7.4	1,000 [470]
	RCGJ-36A1 (RGLL-05?BMK?)	29,800 [8.76]	21,700 [6.36]	8,100 [2.40]	11.90	13.80	7.4	1,000 [470]
	RCGJ-36A1 (RGLL-07?BRK?)	30,000 [8.82]	21,900 [6.42]	8,100 [2.40]	12.10	14.00	7.4	1,000 [470]
	RCGJ-36A1 (RGLL-07?BRQ?)	30,000 [8.82]	21,900 [6.42]	8,100 [2.40]	12.10	14.00	7.4	1,000 [470]
	RCGJ-36A1 (RGPH-05?BMK?)	29,800 [8.76]	21,700 [6.36]	8,100 [2.40]	11.90	13.80	7.4	1,000 [470]
	RCGJ-36A1 (RGPH-07?BRK?)	30,000 [8.82]	21,900 [6.42]	8,100 [2.40]	12.10	14.00	7.4	1,000 [470]
	RCGJ-36A1 (RGPL-05?BMK?)	29,800 [8.76]	21,700 [6.36]	8,100 [2.40]	11.90	13.80	7.4	1,000 [470]
	RCGJ-36A1 (RGPL-07?BRK?)	30,000 [8.82]	21,900 [6.42]	8,100 [2.40]	12.10	14.00	7.4	1,000 [470]
	RCGJ-36A1 (RGPL-07?BRQ?)	30,000 [8.82]	21,900 [6.42]	8,100 [2.40]	12.10	14.00	7.4	1,000 [470]
	RCGJ-36A1 + RXMD-C02	29,200 [8.58]	21,100 [6.18]	8,100 [2.40]	10.90	12.60	7.4	1,000 [470]
	RCGJ-36A2 (RGFD-06?MCK?)	29,400 [8.64]	21,200 [6.24]	8,200 [2.40]	11.25	13.00	7.4	1,000 [470]
	RCGJ-36A2 (RGFD-07?MCK?)	29,200 [8.58]	21,100 [6.18]	8,200 [2.40]	10.85	12.50	7.4	1,000 [470]

Ⓢ Highest sales volume tested combination required by D.O.E. test procedures.

[] Designates Metric Conversions

Performance Data @ ARI Standard Conditions—Cooling (cont.)

Model Numbers		80°F [26.5°C] DB/67°F [19.5°C] WB Indoor Air 95°F [35°C] DB Outdoor Air					Sound Rating	Indoor CFM [L/s]
Outdoor Unit RAPA-	Indoor Coil and/or Air Handler	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	EER	SEER		
036JAZ	RCGA-36A2	32,800 [9.60]	24,200 [7.08]	8,600 [2.52]	10.55	12.00	7.6	1,200 [565]
	RCGA-36A2 (RBEA-17)	33,000 [9.66]	24,400 [7.14]	8,600 [2.52]	10.80	12.20	7.6	1,200 [565]
	RCGA-36A2 (RBHA-17)	33,000 [9.66]	24,400 [7.14]	8,600 [2.52]	10.80	12.20	7.6	1,200 [565]
	RCGA-36A2 (RGFD-07?MCK?)	32,800 [9.60]	24,200 [7.08]	8,600 [2.52]	10.50	12.00	7.6	1,200 [565]
	RCGA-36A2 (RGFD-09?ZCM?)	33,400 [9.78]	24,800 [7.26]	8,600 [2.52]	11.30	13.00	7.6	1,200 [565]
	RCGA-36A2 (RGFD-10?ZCM?)	33,400 [9.78]	24,800 [7.26]	8,600 [2.52]	11.20	12.85	7.6	1,200 [565]
	RCGA-36A2 (RGLH-05?BMK?)	33,400 [9.78]	24,800 [7.26]	8,600 [2.52]	11.35	13.20	7.6	1,200 [565]
	RCGA-36A2 (RGLH-07?BRK?)	33,400 [9.78]	24,800 [7.26]	8,600 [2.52]	11.45	13.30	7.6	1,200 [565]
	RCGA-36A2 (RGLL-05?BMK?)	33,400 [9.78]	24,800 [7.26]	8,600 [2.52]	11.35	13.20	7.6	1,200 [565]
	RCGA-36A2 (RGLL-07?BRK?)	33,400 [9.78]	24,800 [7.26]	8,600 [2.52]	11.45	13.30	7.6	1,200 [565]
	RCGA-36A2 (RGLL-07?BRQ?)	33,400 [9.78]	24,800 [7.26]	8,600 [2.52]	11.45	13.30	7.6	1,200 [565]
	RCGA-36A2 (RGLL-10?BRM?)	33,200 [9.72]	24,600 [7.20]	8,600 [2.52]	11.05	12.70	7.6	1,200 [565]
	RCGA-36A2 (RGPH-05?BMK?)	33,400 [9.78]	24,800 [7.26]	8,600 [2.52]	11.35	13.20	7.6	1,200 [565]
	RCGA-36A2 (RGPH-07?BRK?)	33,400 [9.78]	24,800 [7.26]	8,600 [2.52]	11.45	13.30	7.6	1,200 [565]
	RCGA-36A2 (RGPL-05?BMK?)	33,400 [9.78]	24,800 [7.26]	8,600 [2.52]	11.35	13.20	7.6	1,200 [565]
	RCGA-36A2 (RGPL-07?BRK?)	33,400 [9.78]	24,800 [7.26]	8,600 [2.52]	11.45	13.30	7.6	1,200 [565]
	RCGA-36A2 (RGPL-07?BRQ?)	33,400 [9.78]	24,800 [7.26]	8,600 [2.52]	11.45	13.30	7.6	1,200 [565]
	RCGA-36A2 (RGPL-10?BRM?)	33,200 [9.72]	24,600 [7.20]	8,600 [2.52]	11.05	12.70	7.6	1,200 [565]
	RCGA-36A2 + RXMD-C02	32,800 [9.60]	24,200 [7.08]	8,600 [2.52]	10.55	12.10	7.6	1,200 [565]
	RCGA-36A2 + RXMD-C02 (RBEA-17)	33,000 [9.66]	24,400 [7.14]	8,600 [2.52]	10.80	12.30	7.6	1,200 [565]
	RCGA-36A2 + RXMD-C02 (RBHA-17)	33,000 [9.66]	24,400 [7.14]	8,600 [2.52]	10.80	12.30	7.6	1,200 [565]
	RCGJ-36A2	34,200 [10.02]	24,500 [7.20]	9,700 [2.82]	10.95	12.50	7.6	1,200 [565]
	RCGJ-36A2 (RBHJ-21) ①	35,000 [10.26]	25,300 [7.44]	9,700 [2.82]	12.00	14.00	7.6	1,200 [565]
	RCGJ-36A2 (RGFD-07?MCK?)	34,200 [10.02]	24,400 [7.14]	9,800 [2.88]	10.90	12.50	7.6	1,200 [565]
	RCGJ-36A2 (RGFD-09?ZCM?)	34,800 [10.20]	25,000 [7.32]	9,800 [2.88]	11.70	13.40	7.6	1,200 [565]
	RCGJ-36A2 (RGFD-10?ZCM?)	34,800 [10.20]	25,000 [7.32]	9,800 [2.88]	11.65	13.30	7.6	1,200 [565]
	RCGJ-36A2 (RGFD-12?RCM?)	34,800 [10.20]	25,000 [7.32]	9,800 [2.88]	11.65	13.30	7.6	1,200 [565]
	RCGJ-36A2 (RGLH-05?BMK?)	34,800 [10.20]	25,100 [7.38]	9,700 [2.82]	11.80	13.80	7.6	1,200 [565]
	RCGJ-36A2 (RGLH-07?BRK?)	35,000 [10.26]	25,300 [7.44]	9,700 [2.82]	12.00	14.00	7.6	1,200 [565]
	RCGJ-36A2 (RGLH-10?BRK?)	34,600 [10.14]	24,900 [7.32]	9,700 [2.82]	11.60	13.50	7.6	1,200 [565]
	RCGJ-36A2 (RGLH-12?BRK?)	34,800 [10.20]	25,100 [7.38]	9,700 [2.82]	11.90	13.80	7.6	1,200 [565]
	RCGJ-36A2 (RGLL-05?BMK?)	34,800 [10.20]	25,100 [7.38]	9,700 [2.82]	11.80	13.80	7.6	1,200 [565]
	RCGJ-36A2 (RGLL-07?BRK?)	35,000 [10.26]	25,300 [7.44]	9,700 [2.82]	12.00	14.00	7.6	1,200 [565]
	RCGJ-36A2 (RGLL-07?BRQ?)	35,000 [10.26]	25,300 [7.44]	9,700 [2.82]	12.00	14.00	7.6	1,200 [565]
	RCGJ-36A2 (RGLL-10?BRM?)	34,600 [10.14]	24,900 [7.32]	9,700 [2.82]	11.60	13.50	7.6	1,200 [565]
	RCGJ-36A2 (RGLL-12?ARM?)	34,800 [10.20]	25,100 [7.38]	9,700 [2.82]	11.90	13.80	7.6	1,200 [565]
	RCGJ-36A2 (RGPH-05?BMK?)	34,800 [10.20]	25,100 [7.38]	9,700 [2.82]	11.80	13.80	7.6	1,200 [565]
	RCGJ-36A2 (RGPH-07?BRK?)	35,000 [10.26]	25,300 [7.44]	9,700 [2.82]	12.00	14.00	7.6	1,200 [565]
	RCGJ-36A2 (RGPH-10?BRK?)	34,600 [10.14]	24,900 [7.32]	9,700 [2.82]	11.60	13.50	7.6	1,200 [565]
	RCGJ-36A2 (RGPH-12?BRK?)	34,800 [10.20]	25,100 [7.38]	9,700 [2.82]	11.90	13.80	7.6	1,200 [565]
	RCGJ-36A2 (RGPL-05?BMK?)	34,800 [10.20]	25,100 [7.38]	9,700 [2.82]	11.80	13.80	7.6	1,200 [565]
	RCGJ-36A2 (RGPL-07?BRK?)	35,000 [10.26]	25,300 [7.44]	9,700 [2.82]	12.00	14.00	7.6	1,200 [565]
	RCGJ-36A2 (RGPL-07?BRQ?)	35,000 [10.26]	25,300 [7.44]	9,700 [2.82]	12.00	14.00	7.6	1,200 [565]
	RCGJ-36A2 (RGPL-10?BRM?)	34,600 [10.14]	24,900 [7.32]	9,700 [2.82]	11.60	13.50	7.6	1,200 [565]
	RCGJ-36A2 (RGPL-12?ARM?)	34,800 [10.20]	25,100 [7.38]	9,700 [2.82]	11.90	13.80	7.6	1,200 [565]
	RCGJ-36A2 + RXMD-C02	34,200 [10.02]	24,500 [7.20]	9,700 [2.82]	10.95	12.60	7.6	1,200 [565]
042JAZ	RCGA-48A1	39,000 [11.40]	28,500 [8.34]	10,500 [3.06]	10.65	12.00	7.6	1,400 [660]
	RCGA-48A1 (RBEA-21)	39,000 [11.40]	28,500 [8.34]	10,500 [3.06]	11.00	12.20	7.6	1,400 [660]
	RCGA-48A1 (RBHA-21)	39,000 [11.40]	28,500 [8.34]	10,500 [3.06]	11.00	12.20	7.6	1,400 [660]
	RCGA-48A1 (RGFD-09?ZCM?)	39,500 [11.55]	29,000 [8.52]	10,500 [3.03]	11.15	12.60	7.6	1,400 [660]
	RCGA-48A1 (RGFD-10?ZCM?)	39,000 [11.40]	28,400 [8.34]	10,600 [3.06]	10.90	12.40	7.6	1,400 [660]
	RCGA-48A1 (RGFD-12?RCM?)	39,000 [11.40]	28,400 [8.34]	10,600 [3.06]	10.90	12.40	7.6	1,400 [660]
	RCGA-48A1 (RGLH-07?BRM?)	39,000 [11.40]	28,500 [8.34]	10,500 [3.06]	11.40	13.30	7.6	1,320 [625]
	RCGA-48A1 (RGLH-10?BRM?)	39,500 [11.55]	29,000 [8.52]	10,500 [3.06]	11.20	13.00	7.6	1,400 [660]
	RCGA-48A1 (RGLH-12?BRM?)	39,500 [11.55]	29,000 [8.52]	10,500 [3.06]	11.35	13.20	7.6	1,400 [660]
	RCGA-48A1 (RGLL-07?BRQ?)	39,000 [11.40]	28,500 [8.34]	10,500 [3.06]	11.40	13.30	7.6	1,320 [625]
	RCGA-48A1 (RGLL-10?BRM?)	39,500 [11.55]	29,000 [8.52]	10,500 [3.06]	11.20	13.00	7.6	1,400 [660]
	RCGA-48A1 (RGLL-12?ARM?)	39,500 [11.55]	29,000 [8.52]	10,500 [3.06]	11.35	13.20	7.6	1,400 [660]
	RCGA-48A1 (RGPH-07?BRM?)	39,000 [11.40]	28,500 [8.34]	10,500 [3.06]	11.40	13.30	7.6	1,320 [625]
	RCGA-48A1 (RGPH-10?BRM?)	39,500 [11.55]	29,000 [8.52]	10,500 [3.06]	11.20	13.00	7.6	1,400 [660]
	RCGA-48A1 (RGPH-12?BRM?)	39,500 [11.55]	29,000 [8.52]	10,500 [3.06]	11.35	13.20	7.6	1,400 [660]

① Highest sales volume tested combination required by D.O.E. test procedures.

[] Designates Metric Conversions

Performance Data @ ARI Standard Conditions—Cooling (cont.)

Model Numbers		80°F [26.5°C] DB/67°F [19.5°C] WB Indoor Air 95°F [35°C] DB Outdoor Air					Sound Rating	Indoor CFM [L/s]
Outdoor Unit RAPA-	Indoor Coil and/or Air Handler	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	EER	SEER		
042JAZ	RCGA-48A1 (RGPL-07?BRQ?)	39,000 [11.40]	28,500 [8.34]	10,500 [3.06]	11.40	13.30	7.6	1,320 [625]
	RCGA-48A1 (RGPL-10?BRM?)	39,500 [11.55]	29,000 [8.52]	10,500 [3.03]	11.20	13.00	7.6	1,400 [660]
	RCGA-48A1 (RGPL-12?ARM?)	39,500 [11.55]	29,000 [8.52]	10,500 [3.03]	11.35	13.20	7.6	1,400 [660]
	RCGA-48A1 + RXMD-C02	39,000 [11.40]	28,500 [8.34]	10,500 [3.06]	10.65	12.10	7.6	1,400 [660]
	RCGA-48A1 + RXMD-C02 (RBEA-21)	39,000 [11.40]	28,500 [8.34]	10,500 [3.03]	11.00	12.30	7.6	1,400 [660]
	RCGA-48A1 + RXMD-C02 (RBHA-21)	39,000 [11.40]	28,500 [8.34]	10,500 [3.03]	11.00	12.30	7.6	1,400 [660]
	RCGJ-48A1	40,000 [11.70]	28,900 [8.46]	11,100 [3.24]	10.90	12.50	7.6	1,400 [660]
	RCGJ-48A1 (RBHJ-24) ①	41,000 [12.00]	29,900 [8.76]	11,100 [3.24]	11.95	14.00	7.6	1,400 [660]
	RCGJ-48A1 (RGFD-09?ZCM?)	40,500 [11.85]	29,400 [8.64]	11,100 [3.21]	11.40	13.15	7.6	1,400 [660]
	RCGJ-48A1 (RGFD-10?ZCM?)	40,000 [11.70]	28,900 [8.46]	11,100 [3.24]	11.15	12.85	7.6	1,400 [660]
	RCGJ-48A1 (RGFD-12?RCM?)	40,000 [11.70]	28,900 [8.46]	11,100 [3.24]	11.15	12.90	7.6	1,400 [660]
	RCGJ-48A1 (RGLH-10?BRM?)	40,500 [11.85]	29,400 [8.64]	11,100 [3.21]	11.45	13.30	7.6	1,400 [660]
	RCGJ-48A1 (RGLH-12?BRM?)	40,500 [11.85]	29,400 [8.64]	11,100 [3.21]	11.65	13.60	7.6	1,400 [660]
	RCGJ-48A1 (RGLL-07?BRQ?)	41,000 [12.00]	29,900 [8.76]	11,100 [3.24]	11.90	13.80	7.6	1,400 [660]
	RCGJ-48A1 (RGLL-10?BRM?)	40,500 [11.85]	29,400 [8.64]	11,100 [3.21]	11.45	13.30	7.6	1,400 [660]
	RCGJ-48A1 (RGLL-12?ARM?)	40,500 [11.85]	29,400 [8.64]	11,100 [3.21]	11.65	13.60	7.6	1,400 [660]
	RCGJ-48A1 (RGPH-10?BRM?)	40,500 [11.85]	29,400 [8.64]	11,100 [3.21]	11.45	13.30	7.6	1,400 [660]
	RCGJ-48A1 (RGPH-12?BRM?)	40,500 [11.85]	29,400 [8.64]	11,100 [3.21]	11.65	13.60	7.6	1,400 [660]
	RCGJ-48A1 (RGPL-07?BRQ?)	41,000 [12.00]	29,900 [8.76]	11,100 [3.24]	11.90	13.80	7.6	1,400 [660]
	RCGJ-48A1 (RGPL-10?BRM?)	40,500 [11.85]	29,400 [8.64]	11,100 [3.21]	11.45	13.30	7.6	1,400 [660]
	RCGJ-48A1 (RGPL-12?ARM?)	40,500 [11.85]	29,400 [8.64]	11,100 [3.21]	11.65	13.60	7.6	1,400 [660]
	RCGJ-48A1 + RXMD-C02	40,000 [11.70]	28,900 [8.46]	11,100 [3.24]	10.90	12.60	7.6	1,400 [660]
048JAZ/ 049JAZ	RCGA-48A1	42,000 [12.30]	31,000 [9.06]	11,000 [3.24]	10.90	12.00	7.6	1,575 [745]
	RCGA-48A1 (RBEA-21)	42,000 [12.30]	31,000 [9.06]	11,000 [3.24]	10.90	12.20	7.6	1,575 [745]
	RCGA-48A1 (RBHA-21)	42,000 [12.30]	31,000 [9.06]	11,000 [3.24]	10.90	12.20	7.6	1,575 [745]
	RCGA-48A1 (RGFD-09?ZCM?)	44,000 [12.90]	31,500 [9.24]	12,500 [3.66]	11.00	12.20	7.6	1,590 [750]
	RCGA-48A1 (RGFD-10?ZCM?)	42,500 [12.45]	31,500 [9.24]	11,000 [3.21]	10.95	12.70	7.6	1,590 [750]
	RCGA-48A1 (RGFD-12?RCM?)	42,500 [12.45]	31,500 [9.24]	11,000 [3.21]	10.95	12.15	7.6	1,590 [750]
	RCGA-48A1 (RGLH-10?BRM?)	42,500 [12.45]	31,500 [9.24]	11,000 [3.21]	11.35	13.00	7.6	1,575 [745]
	RCGA-48A1 (RGLH-12?BRM?)	42,500 [12.45]	30,500 [8.94]	12,000 [3.51]	11.40	13.10	7.6	1,575 [745]
	RCGA-48A1 (RGLL-07?BRQ?)	43,000 [12.60]	32,000 [9.36]	11,000 [3.24]	11.80	13.30	7.6	1,575 [745]
	RCGA-48A1 (RGLL-10?BRM?)	42,500 [12.45]	31,500 [9.24]	11,000 [3.21]	11.35	13.00	7.6	1,575 [745]
	RCGA-48A1 (RGLL-12?ARM?)	42,500 [12.45]	30,500 [8.94]	12,000 [3.51]	11.40	13.10	7.6	1,575 [745]
	RCGA-48A1 (RGPH-10?BRM?)	42,500 [12.45]	31,500 [9.24]	11,000 [3.21]	11.35	13.00	7.6	1,575 [745]
	RCGA-48A1 (RGPH-12?BRM?)	42,500 [12.45]	30,500 [8.94]	12,000 [3.51]	11.40	13.10	7.6	1,575 [745]
	RCGA-48A1 (RGPL-07?BRQ?)	43,000 [12.60]	32,000 [9.36]	11,000 [3.24]	11.80	13.30	7.6	1,575 [745]
	RCGA-48A1 (RGPL-10?BRM?)	42,500 [12.45]	31,500 [9.24]	11,000 [3.24]	11.35	13.00	7.6	1,575 [745]
	RCGA-48A1 (RGPL-12?ARM?)	42,500 [12.45]	30,500 [8.94]	12,000 [3.51]	11.40	13.10	7.6	1,575 [745]
	RCGA-48A1 + RXMD-C02	42,000 [12.30]	31,000 [9.06]	11,000 [3.24]	10.90	12.10	7.6	1,575 [745]
	RCGA-48A1 + RXMD-C02 (RBEA-21)	42,000 [12.30]	31,000 [9.06]	11,000 [3.24]	10.90	12.30	7.6	1,575 [745]
	RCGA-48A1 + RXMD-C02 (RBHA-21)	42,000 [12.30]	31,000 [9.06]	11,000 [3.24]	10.90	12.30	7.6	1,575 [745]
	RCGJ-60A1	44,000 [12.90]	32,000 [9.36]	12,000 [3.54]	11.35	12.50	7.6	1,600 [755]
	RCGJ-60A1 (RBHJ-24) ①	44,500 [13.05]	32,500 [9.54]	12,000 [3.51]	12.15	14.00	7.6	1,600 [755]
	RCGJ-60A1 (RGFD-09?ZCM?)	44,000 [12.90]	32,000 [9.36]	12,000 [3.54]	11.50	12.70	7.6	1,600 [755]
	RCGJ-60A1 (RGFD-10?ZCM?)	44,000 [12.90]	32,000 [9.36]	12,000 [3.51]	11.40	12.60	7.6	1,600 [755]
	RCGJ-60A1 (RGFD-12?RCM?)	44,000 [12.90]	32,000 [9.36]	12,000 [3.54]	11.45	12.60	7.6	1,600 [755]
	RCGJ-60A1 (RGLH-10?BRM?)	44,000 [12.90]	32,000 [9.36]	12,000 [3.54]	11.65	13.40	7.6	1,600 [755]
	RCGJ-60A1 (RGLH-12?BRM?)	44,000 [12.90]	32,000 [9.36]	12,000 [3.54]	11.90	13.70	7.6	1,600 [755]
	RCGJ-60A1 (RGLL-07?BRQ?)	45,000 [13.20]	33,000 [9.66]	12,000 [3.54]	12.30	13.90	7.6	1,600 [755]
	RCGJ-60A1 (RGLL-10?BRM?)	44,000 [12.90]	32,000 [9.36]	12,000 [3.54]	11.65	13.40	7.6	1,600 [755]
	RCGJ-60A1 (RGLL-12?ARM?)	44,000 [12.90]	32,000 [9.36]	12,000 [3.54]	11.90	13.70	7.6	1,600 [755]
	RCGJ-60A1 (RGPH-10?BRM?)	44,000 [12.90]	32,000 [9.36]	12,000 [3.54]	11.65	13.40	7.6	1,600 [755]
	RCGJ-60A1 (RGPH-12?BRM?)	44,000 [12.90]	32,000 [9.36]	12,000 [3.54]	11.90	13.70	7.6	1,600 [755]
	RCGJ-60A1 (RGPL-07?BRQ?)	45,000 [13.20]	33,000 [9.66]	12,000 [3.54]	12.30	13.90	7.6	1,600 [755]
	RCGJ-60A1 (RGPL-10?BRM?)	44,000 [12.90]	32,000 [9.36]	12,000 [3.54]	11.65	13.40	7.6	1,600 [755]
	RCGJ-60A1 (RGPL-12?ARM?)	44,000 [12.90]	32,000 [9.36]	12,000 [3.54]	11.90	13.70	7.6	1,600 [755]
	RCGJ-60A1 + RXMD-C02	44,000 [12.90]	32,000 [9.36]	12,000 [3.54]	11.35	12.60	7.6	1,600 [755]
060JAZ/ 061JAZ	RCGJ-60A1	51,000 [15.00]	36,200 [10.62]	14,800 [4.38]	11.00	12.40	7.8	1,800 [850]
	RCGJ-60A1 (RBHJ-25) ①	52,000 [15.30]	37,200 [10.92]	14,800 [4.38]	11.85	13.50	7.8	1,800 [850]
	RCGJ-60A1 + RXMD-C02	51,000 [15.00]	36,200 [10.62]	14,800 [4.38]	11.00	12.45	7.8	1,800 [850]
	RCGJ-60A1 (RBHJ-25)	55,000 [16.05]	40,500 [11.85]	14,500 [4.20]	12.25	14.00	7.8	1,800 [850]

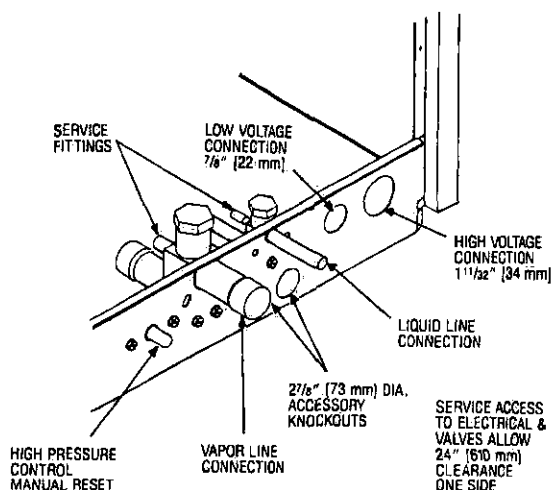
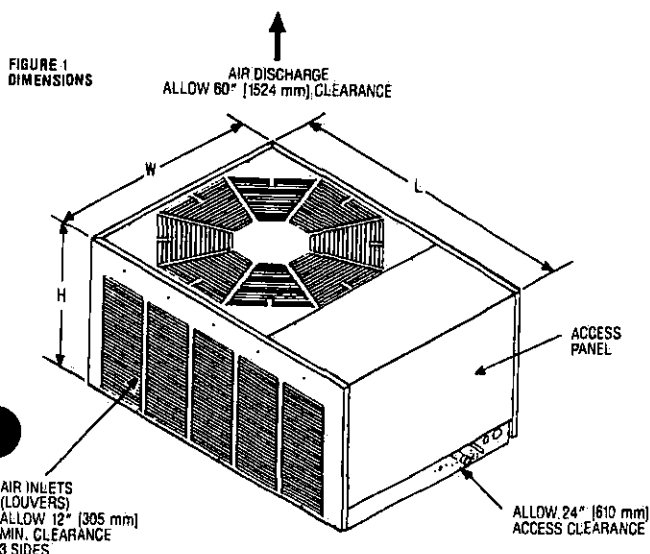
① Highest sales volume-tested combination required by D.O.E. test procedures.

[] Designates Metric Conversions

Electrical and Physical Data

Model Number RAPA-	ELECTRICAL							PHYSICAL						
	Phase Frequency (Hz) Voltage (Volts)	Compressor		Fan Motor Full Load Amperes (FLA)	Minimum Circuit Ampacity Amperes	Fuse or HACR Circuit Breaker		Outdoor Coil			R22 Oz. [g]	Weight		
		Rated Load Amperes (RLA)	Locked Rotor Amperes (LRA)			Minimum Amperes	Maximum Amperes	Face Area Sq. Ft. [m²]	No. Rows	CFM [L/s]		Net Lbs. [kg]	Shipping Lbs. [kg]	
024JA	1-60-208-230	10.3/10.3	56	.8	14/14	20/20	20/20	11.0 [1.022]	1	2110 [996]	72 [2041]	175 [79.4]	185 [83.9]	
030JA	1-60-208-230	13.5/13.5	72.5	.8	18/18	25/25	30/30	15.8 [1.468]	1	2355 [1111]	104 [2948]	220 [99.8]	230 [104.3]	
036JA	1-60-208-230	16.0/16.0	88	1.2	21/21	30/30	35/35	15.4 [1.431]	2	3190 [1506]	183 [5188]	255 [115.7]	265 [120.2]	
042JA	1-60-208-230	17.9/17.9	104	1.2	24/24	30/30	40/40	15.4 [1.431]	2	3190 [1506]	157 [4451]	255 [115.7]	265 [120.2]	
048JA/ 049JA	1-60-208-230	18.3/18.3	109	2.0	25/25	30/30	40/40	22.2 [2.062]	2	3500 [1652]	240 [6804]	300 [136.1]	323 [146.5]	
060JA/ 061JA	1-60-208-230	23.7/23.7	129	2.0	32/32	40/40	50/50	22.2 [2.062]	2	3500 [1652]	262 [7428]	320 [145.1]	343 [155.6]	

Unit Dimensions



Model Number RAPA-	Height "H" (Inches) [mm]	Length "L" (Inches) [mm]	Width "W" (Inches) [mm]
024	203/4 [527]	3811/16 [903]	271/8 [689]
030/036/042	263/4 [539]	429/16 [1082]	31 [787]
048/049/060/061	343/4 [883]	43 [1092]	31 [787]

[] Designates Metric Conversions

GENERAL TERMS OF LIMITED WARRANTY

Rheem will furnish a replacement for any part of this product which fails in normal use and service within the applicable period stated, in accordance with the terms of the limited warranty.

For Complete Details of the Limited Warranty, Including Applicable Terms and Conditions, See Your Local Installer or Contact the Manufacturer for a Copy.

Condenser Coil leaks caused by

factory defects.....Five (5) Years
CompressorTen (10) Years
Any Other PartFive (5) Years

*This five year limited warranty is applicable only to single-phase products installed in residential applications on or after January 1, 2001.

BEFORE PURCHASING THIS APPLIANCE, READ IMPORTANT ENERGY COST AND EFFICIENCY INFORMATION AVAILABLE FROM YOUR RETAILER.

Condensing Unit Refrigerant Line Size Information

System Capacity Tons [kW]	Line Size (Inch O.D.) [mm]	Liquid Line Size Outdoor Unit Above Indoor Coil						Liquid Line Size Outdoor Unit Below Indoor Coil					
		Total Length—Feet [m]						Total Length—Feet [m]					
		25 [7.62]	50 [15.24]	75 [22.86]	100 [30.48]	125 [38.10]	150 [45.72]	25 [7.62]	50 [15.24]	75 [22.86]	100 [30.48]	125 [38.10]	150 [45.72]
		Vertical Separation—Feet [m]						Vertical Separation—Feet [m]					
2 [7.03]	1/4" [6.35]	25 [7.62]	50 [15.24]					25 [7.62]	23 [7.01]				
	5/16 [7.94]		24 [7.32]	34 [10.36]	44 [13.41]	54 [16.46]	64 [19.51]		48 [14.63]	38 [11.58]	28 [8.53]	18 [5.49]	8 [2.44]
2.5 [8.79]	1/4" [6.35]	25 [7.62]	50 [15.24]					25 [7.62]	23 [7.01]				
	5/16 [7.94]		19 [5.79]	33 [10.06]	47 [14.33]	61 [18.59]			50 [15.24]	39 [11.89]	25 [7.62]	11 [3.35]	
	3/8 [9.53]					11 [3.35]	15 [4.57]						57 [17.37]
3 [10.55]	5/16" [7.94]	25 [7.62]	50 [15.24]	70 [21.34]				25 [7.62]	23 [7.01]	9 [2.74]			
	3/8 [9.53]			34 [10.36]	40 [12.19]	46 [14.02]	52 [15.85]			38 [11.58]	32 [9.75]	26 [7.92]	20 [6.10]
3.5 [12.30]	5/16" [7.94]	25 [7.62]	50 [15.24]	75 [22.86]				25 [7.62]	23 [7.01]	9 [2.74]			
	3/8 [9.53]			32 [9.75]	39 [11.89]	46 [14.02]	53 [16.15]			40 [12.19]	33 [10.06]	26 [7.92]	19 [5.79]
4 [14.06]	3/8" [9.53]	25 [7.62]	44 [13.41]	53 [16.15]	61 [18.59]	70 [21.34]		25 [7.62]	28 [8.53]	19 [5.79]	11 [3.35]	3 [0.91]	
	1/2 [12.7]					37 [11.28]	39 [11.89]					35 [10.67]	33 [10.06]
5 [17.58]	3/8" [9.53]	25 [7.62]	48 [14.63]	61 [18.59]	72 [21.95]			25 [7.62]	23 [7.01]	11 [3.35]	3 [0.91]		
	1/2 [12.7]				35 [10.67]	38 [11.58]	41 [12.50]				37 [11.28]	34 [10.36]	31 [9.45]

*Standard line size

NOTES:

① This chart is applicable for condensing units.

② If the separation height exceeds the table values, reduce the indoor coil flow-check piston two sizes plus one size for each additional 10 feet [3.05 m].
Example 1: A 5 ton [17.58 kW] condensing unit with a total line length of 125 feet [38.10 m] with a vertical separation of 101 feet [30.78 m] utilizing a 1/2" [12.7 mm] liquid line: Table = 38 feet [11.58 m] maximum vertical separation for 125 feet [38.10 m] run. Separation exceeds table by (101-38) = 63 feet [19.20 m]. Therefore, reduce the indoor coil flow-check piston 2 + 6 = 8 sizes (For example, a #89 piston would reduce to a #81 piston).

③ Do not exceed 120 feet [36.58 m] maximum vertical separation.

④ No changes are required for expansion valve coils.

⑤ Do not exceed table values for capillary tube coils.

⑥ Always use the smallest liquid line possible to minimize system charge.

⑦ Chart may be used to size horizontal runs.

NOTES:

① This chart is applicable for condensing units.
Example 1: A 2.5 ton [8.79 kW] condensing unit with a total line length of 75 feet [22.86 m] with a vertical separation of 30 feet [9.14 m] requires a liquid line size of 5/16" [7.94 mm].

② This chart may also be used to size horizontal runs.
Example 2: A 5 ton [17.58 kW] condensing unit may have a total horizontal run of 100 feet [30.48 m] if using the 3/8" [9.53 mm] liquid line. The total horizontal run if using 1/2" [12.7 mm] liquid line size will be 150 feet [45.72 m].

③ Do not exceed vertical separation as indicated on the chart.

④ Always use the smallest liquid line possible to minimize system charge.

⑤ No changes required for flow-check pistons or expansion valve coils.

Suction Line Length/Size versus Capacity Multiplier							
RAPA-		024	030	036	042	048/049	060/061
Unit Suction Line Connection Size		3/4" [19.05 mm] I.D. Sweat			7/8" [22.23 mm] I.D. Sweat	1 1/8" [28.58 mm] I.D. Sweat*	
Suction Line Run—Feet [m]		5/8" [15.88 mm] O.D. Optional 3/4" [19.05 mm] O.D. Standard 7/8" [22.23 mm] O.D. Optional			3/4" [19.05 mm] O.D. Optional 7/8" [22.23 mm] O.D. Standard 1 1/8" [28.58 mm] O.D. Optional	7/8" [22.23 mm] O.D. Optional 1 1/8" [28.58 mm] O.D. Standard 1 3/8" [34.93 mm] O.D. Optional	
25' [7.62]	Optional	.98	—	—	—	.99	.99
	Standard	1.00	1.00	1.00	1.00	1.00	1.00
	Optional	1.01	1.01	1.01	1.01	1.01	1.01
50' [15.24]	Optional	.96	—	—	—	.97	.97
	Standard	.99	.99	.98	.99	1.00	.99
	Optional	1.00	1.00	1.00	1.01	1.01	1.01
100' [30.48]	Optional	.93	—	—	—	.96	.95
	Standard	.98	.97	.96	.98	.99	.99
	Optional	.99	.99	.99	1.00	1.00	1.00
150' [45.72]	Optional	—	—	—	—	.93	.93
	Standard	.97	.95	.93	.96	.99	.98
	Optional	.98	.97	.97	.99	1.00	.99

NOTES: Capacity Multiplier x Rated Capacity = Actual Capacity.
Additional compressor oil is not required for runs up to 150 feet [45.72 m].
Oil traps in vertical runs are not required for any height up to 125 feet [38.10 m]. See Liquid Line chart for Vertical Separation Requirements and Limitations.
*Adapter to 1 1/8" [28.58 mm] factory supplied.

[] Designates Metric Conversions

Before proceeding with installation, refer to installation instructions packaged with each model, as well as complying with all Federal, State, Provincial, and Local codes, regulations, and practices.

**RHEEM
AIR CONDITIONING
DIVISION**

5600 Old Greenwood Road, Fort Smith, Arkansas 72908



"In keeping with its policy of continuous progress and product improvement, Rheem reserves the right to make changes without notice."

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1-01 DC

FORM NO. A11-155 REV. 5
Supersedes Form No. A11-155 Rev. 4

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TOWNSHIP OF
(BUILDING DEPT.)**

**PERMIT WITHOUT
A JACKET**



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820 MERCER STREET
CHERRY HILL, NJ 08002
856 - 488-7855

Permit Number: 20042310
Permit Date: 09/01/2004
Update Number:
Control Number: 48577
Application Date: 08/27/04

CONSTRUCTION PERMIT IDENTIFICATION

OWNER/PROPERTY DETAILS

Block : 339.27	Lot : 8	Qualifier :	Contractor: AUDUBON CESCO CORPORATION
Work site Location: 400 BRUCE AVE CHERRY HILL			Address: 257 W. NICHOLSON ROAD
Owner In Fee: WILLIAM CLARK			AUDUBON NJ 08106
Address: 400 BRUCE AVE			Telephone: (856) - 547-3000
CHERRY HILL NJ 08034			Lic. No. / Bids. Reg. No.: 288
Telephone: (856) - 779-1340			Federal Emp. No.: [REDACTED]
Use Group(s): R-5			

PAYMENTS (Office Use Only)

is hereby granted permission to perform the following work :

- | | |
|--|--|
| ☐ BUILDING | ☐ PLUMBING |
| ☒ ELECTRICAL | ☐ FIRE PROTECTION |
| ☐ ELEVATOR DEVICES | ☐ MECHANICAL |
| ☐ LEAD HAZARD ABATEMENT | ☐ DEMOLITION |
| ☐ ASBESTOS ABATEMENT | ☐ OTHER |

(Subchapter 8 only)

DESCRIPTION OF WORK:

A/C REPLACEMENT

ESTIMATED COST OF WORK:

Cost of Construction: \$0.00
Cost of Alteration: \$150.00
Cost of Demolition: \$0.00
Total Cost: \$150.00

SEP 1 - 2004

If construction does not commence within one year of date of issuance,
or if construction ceases for a period of six months, this permit is void.

Anthony Saccomanno

Construction Official

:: Failure to obtain all required inspections may result in administrative action.
:: Final inspections are required before final payment is to be made to contractor.
:: An approved set of plans must be kept at the worksite at all times.

Note: *

[70-43]	Building	
[70-48]	Electrical	\$46.00
[70-36]	Plumbing	
[70-37]	Fire Protection	
[70-61]	Elevator Devices	
[70-38]	Mechanical	
[70-91]	VofFee (DCA)	
[70-91]	AltFee (DCA)	\$1.00
[70-50]	CO Fee	
[70-50]	CCO Fee	
[70-45]	Engineering	
[71-78]	Sewer	
[70-62]	Shade Tree	
[70-53]	Street Opening	
[73-83]	Street Open. Escrow	
	Total :	\$ 47.00

All Fees Waived No

Amount to be Paid: \$ 47.00 10717
Check number: 10717
Check amount: \$47.00

Collected by: sd
Total Cash Amount
Total Check Amount \$47.00
Total CC Amount
Grand Total \$47.00