

BLOCK 1299.66 LOT 24 QUALIFICATION CODE C28.24 ADDRESS (SITE) 366 17th Ave PERMIT NO. 03-4016



CONSTRUCTION PERMIT APPLICATION

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

V. FEE SUMMARY (for office use only)

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

VI. BUILDING/SITE CHARACTERISTICS

	(office use only)
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	

I. IDENTIFICATION

1. Proposed Work Site at: 366 17th Ave brick

2. Name of Owner in Fee: Rich Jackson Tel. [REDACTED]

Address [REDACTED] 07034

3. Ownership in Fee: Public Private ✓

4. Principal Contractor: NJR Home Services

Address 1415 Wyckoff Rd., Wall NJ 07719

License No. OR, if Tel. 1.877.466.3657 Fax. 732-938-3010

Federal Employee

5. Architect or Engineer: Federal Employee No. 22-3609806

Address

6. Responsible Person: JOHN MAINES TEL. 732-938-1151

Tel. ()

replace AC cond coil

II. PROPOSED WORK

- ☐ Minor Work
- ☐ New Building
- ☐ Addition
- ☐ Alteration
- ☐ Fire Protection
- ☒ Plumbing
- ☒ Electrical
- ☐ Elevator Devices
- ☐ Asbestos Abat. Subch. 8
- ☐ Lead Hazard Abatement
- ☐ Demolition

Est. Cost	OPTIONAL (for office use only)							
	Plans Rec'd by	Date Rec'd	Rejection Date	Approval Date	Re-viewer	Resubmission Dates Approval	Rejection	Re-viewer
		<u>8/27</u>						
				<u>8/29/03</u>	<u>03-15-07</u>			
				<u>9/3/03</u>	<u>03-16-07</u>			
TOTAL COSTS								

III. DO YOU WANT: (optional)

- ☐ Partial Releases
- ☐ Prototype Processing

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

- ☐ Elevators/Escalators/Lifts/Dumbwaiters/Moving Walks
- ☐ High Pressure Boilers
- ☐ Pressure Vessels
- ☐ Refrigeration Systems
- ☐ Cross-Connections/Backflow Preventers
- ☐ Hazardous Uses/Places of Assembly
- ☐ Sprinklers
- ☐ Smoke Control Systems in Open Wells
- ☐ Underground Storage Tanks

VII. DESCRIPTION OF BUILDING USE

A. RESIDENTIAL

- ☐ Hotels (R-1)
- ☐ Multi-Family (R-2)
- ☐ Two-Family (R-3) BOCA
- ☐ Two-Family (R-4) CABO
- ☐ One-Family (R-3) BOCA
- ☐ One-Family (R-4) CABO

No. of dwelling units:

Before Construction

After Construction

Net Gain or Loss

B. NON-RESIDENTIAL

- State Specific Use:
- Use Group:
- Change in Use Group, Indicate Former:

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 NJR Home Services

1415 Wyckoff Rd., Wall NJ 07719

Address Tel. 1.877.466.3657 Fax. 732-938-3010

Federal Employee No. 22-3609806

Telephone _____

Signature JOHN MAINES TEL. 732-938-1151



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	
Building _____	Energy _____	Other _____
Electrical _____	Barrier Free _____	_____
Plumbing _____	Flood Hazard _____	_____
Fire Protection _____	As Built Elevation Cert. _____	_____
Mechanical _____	Other _____	_____

X. CERTIFICATES ISSUED (office use only)

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



Brick Township
401 Chambersbridge Rd
Brick, NJ 08723

Date Issued 03/19/2007
Tracking Number
Permit Number 03-4016
Permit Issue Date 09/08/2003
Certificate Number 03-4016

Certificate

Construction Code Division
(Certificate of Approval)

Identification

Work Site Location: 366 17TH AVE REPLACE A/C, NJ Block: 1299.66 Lot: 24 Qual: _____
Owner in Fee: JACKSON, RICH
Owner Address: SAME BRICK NJ 08724-
Telephone: _____
Contractor JACKSON, RICH
Address SAME BRICK NJ 08724-
Telephone: 732/458-4796 Fax: _____
License Number or Builders Registration Number: _____ Federal Emp. Number: _____
Home Warranty Number: _____
Type of Warranty Plan: ☐ State ☐ Private
Use Group: R-5 Construction Classification: _____
Maximum Live Load: 0 Maximum Occupancy Load: 0
Description of Work Use: _____

Certificate Comments:

☐ 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.

☐ 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.

☐ Temporary Certificate of Compliance

The following conditions must be met no later than _____ or the owner will be subject to fine or order to vacate: This certificate has an expiration date of: _____

Conditions to be met:

☐ Certificate of Clearance - Lead Abatement 5:17

This serves notice that based on written certification, lead abatement was performed as per NJAC5:17 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 Clearance - Asbestos Abatement

This serves notice that based on written certification, asbestos abatement was performed to the following extent.

- ☐ Total removal of asbestos hazards in scope of work
☐ Partial or limited time period (_____ years); see file

☐ 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 _____

☐ Temporary Certificate of Occupancy

The following conditions must be met no later than _____ or the owner will be subject to fine or order to vacate: This certificate has an expiration date of: _____

Conditions to be met:

Construction Official

Fee: \$0.00

Check Number: 3847

Collected By: _____

Date Printed: 03/19/2007

Page 1



CONSTRUCTION PERMIT

Date Issued _____
Control # _____
Permit # _____

IDENTIFICATION Block 1299-66 Lot 24
Work Site Location 366 17th St
Brick 08724
Owner in Fee Rick Jackson
Address Same
Tel. [REDACTED]

Contractor NJR Home Services
Address 1415 Wyckoff Rd
Wall NJ 07719
Tel. (732) 938-1151
Lic. No. or Bldrs. Reg. No. _____
Fed. Emp. No. 22-3609806

I hereby granted permission to perform the following work:

- | | | |
|---|---|--|
| ☐ BUILDING | ☐ PLUMBING | ☐ LEAD HAZARD ABATEMENT |
| ☐ ELECTRICAL | ☐ FIRE PROTECTION | ☐ DEMOLITION |
| ☐ ELEVATOR DEVICES | ☐ ASBESTOS ABATEMENT | ☐ OTHER _____ |
- (Subchapter 8 only)

DESCRIPTION OF WORK:

NOTE: If construction does not commence within one (1) year of date of issuance, or if construction ceases for a period of six (6) months, this permit is void.

Estimated Cost of Work \$ 3000.

Construction Official _____

Date _____

PAYMENTS (Office Use Only)

Building _____
Electrical _____
Plumbing _____
Fire Protection _____
Elevator Devices _____
Other _____
DCA Training Fee _____
Cert. of Occupancy _____
Other _____
Total _____
Check No. _____
Cash _____
Collected by _____

REQUIRED INSPECTIONS

Construction work must be inspected in accordance with the State Uniform Construction Code Regulations N.J.A.C. 5:23-2.18. This agency will carry out such periodic inspections during the progress of work as are necessary to insure that work installed conforms to approved plans and the requirements of the Uniform Construction Code.

Owner or other responsible person in charge of work must notify this agency when work is ready for any required inspections listed below. Requests for inspections must be made at least 24 hours prior to the time the inspection is desired. Inspections will be performed within three business days of the time for which they are requested. The work must not proceed in a manner that will preclude the inspection until it has been made and approval given.

Required inspections for all subcodes for one and two family dwellings are the following:

The bottom of footing trenches before placement of footings, except that in the case of pile foundations, inspections shall be made in accordance with the requirements of the building subcode;

Foundations and all walls up to grade level prior to back filling;

All structural framing and connections prior to covering with finish or infill material; plumbing underground services, rough piping, water service, sewer, septic services and storm drains; electrical rough wiring, panels and service installations; insulation installations;

Installation of all finished materials, sealings of exterior joints; plumbing piping, trim and fixtures; electrical wiring, devices and fixtures; mechanical systems equipment.

Required special inspections. The applicant by accepting the permit will be deemed to have consented to these requirements

A final inspection is required for each applicable subcode area before a final Certificate of Occupancy or Approval may be issued. Violations of the approved plans and/or permit will be noted and the holder of the permit notified of discrepancies.

A complete copy of approved plans must be kept on the job site.

If you do not understand any of this information, please ask.

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

Date Issued 09/08/2003
Control #
Permit # 03-4016

UCC NEW JERSEY
CONSTRUCTION
PERMIT

IDENTIFICATION Block 1299.66 Lot 24 Qual

Work Site Location 366 17TH AVE
REPLACE A/C

Owner in Fee JACKSON, RICH
Address SAME

BRICK, NJ 08724-
Telephone

Contractor DILLON ELECTRIC

Address 1011 WOODMILL DR

CRANBURY, NJ 08512-

Telephone (609)371-1272

Lic. No. or Bldrs. Reg. No. 7490

Federal Emp. No. 15-8607403

Is hereby granted permission to perform the following work:

☐ BUILDING ☒ PLUMBING ☐ LEAD HAZARD ABATEMENT
☒ ELECTRICAL ☐ FIRE PROTECTION ☐ DEMOLITION
☐ ELEVATOR DEVICES ☐ ASBESTOS ABATEMENT ☐ OTHER
(Subchapter 8 only)

DESCRIPTION OF WORK:
REPLACE A/C

NOTE: If construction does not commence within one (1) year of date of issuance,
or if construction ceases for a period of six (6) months, this permit is void.

Estimated Cost of Work \$ 130

Construction Official

U.C.C. F170 (rev. 3/96) NJ UCCARS 5.24E

PAYMENTS (Office Use Only)

Building 0
Electrical 35
Plumbing 35
Fire Protection 0
Elevator Devices 0
Other
DCA State Permit Fee 0
Cert. of Occupancy 0
Other
Total 70
Check No. 3847
Cash
Collected By TL

09/08/03 2:08PM 000000#3495
H034016
ELECTRIC
PLUMBING
CHECK
Date
\$70.00
\$35.00
\$35.00
X06 SERV.006

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
ELECTRICAL
SUBCODE
TECHNICAL SECTION

Date Received 08/27/2003
Date Issued 9/5/03
Control # C28-24
Permit # 03-4016

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

Block 1299.66 Lot 24 Qual _____
Work Site Location 366 17TH AVE
REPLACE A/C
Owner in Fee JACKSON, RICH
Address SAME
BRICK, NJ 08724
Tel [REDACTED]
Contractor DILLON ELECTRIC
Address 1011 WOODMILL DR
CRANBURY, NJ 08512
Tele. (609) 371-1272
Lic. No. or Bldrs. Reg. No. 7490
Federal Emp. No. 15-8607405

B. ELECTRICAL CHARACTERISTICS

Use Group - Present R-5 Proposed R-5
[] Pole/Pad # [] Temporary [] Other
Building Occupied as Utility Co.
Estimated Cost of Electrical Work \$ 80

JOB SUMMARY (Office Use Only)

PLAN REVIEW

☒ No Plans Required
Joint Plan Review Required:
[] Bldg [] Plumb
[] Fire [] Elevator
[] Elect Plans Approved
Date: 9/3/03
Approved By: [Signature]
SUBCODE APPROVAL
[] CO [] CCO [] CA
Date: 3/16/07
Approved By: [Signature]

INSPECTIONS

Type	Dates (Month/Day)	Failure	Approval	Initial
Rough				
Temp Serv				
Const Serv				
TCO				
Other				
Service				
Final	3-15-97 to			
	Temp. Cut-in-Card Date Issued			
	Final Cut-in-Card Date Issued			

D. TECHNICAL SITE DATA

NO.	SIZE	ITEM	FEE (Office Use Only)
0		Lighting Fixtures	
0		Receptacles	
0		Switches	
0		Detectors	
0		Light Poles	
0		Motors-Fract HP	
0		Emergency & Exit Lights	
0		Communications Points	
0		Alarm Devices/F.A.C. Panel	
0		TOTAL NUMBERS	0
0		Pool Permit/with UW Lights	0
0		Storable Pool/Spa/Hot Tub	0
0	0	KW Elect Range/Receptacle	0
0	0	KW Oven/Surface Unit	0
0	0	KW Elect Water Heater	0
0	0	KW Elect Dryer/Receptacle	0
0	0	KW Dishwasher	0
0	0	HP Garbage Disposal	0
1	7	KW Central A/C Unit	2
0	0	HP/KW Space Heater/Air Handler	0
0	0	Baseboard Heat	0
0	0	HP Motors 1/+ HP	0
0	0	KW Transformer/Generator	0
0	0	AMP Service	0
0	0	AMP Subpanels	0
0	0	AMP Motor Control Center	0
0	0	KW Elect Sign/Outline Light	0
0	0	Other	0
0	0	Other	0

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
[] Licensed Electrical Contractor [] Exempt Applicant

Administrative Surcharge	\$	0
Paid [] Check #	Minimum Fee	\$ 26
Collected by:	TOTAL FEE	\$ 35
	DCA State Permit Fee	\$ 0

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
ELECTRICAL
SUBCODE
TECHNICAL SECTION

Date Received 08/27/2003
 Date Issued 9/15/03
 Control # C28-24
 Permit # 03-4016

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

Block 1299.66 Lot 24 Qual _____
 Work Site Location 366 17TH AVE
 REPLACE A/C
 Owner in Fee JACKSON, RICH
 Address SAME
 BRICK, NJ 08724-
 Tel _____
 Contractor DILLON ELECTRIC
 Address 1011 WOODMILL DR
 CRANBURY, NJ 08512-
 Tele. (609) 371-1272
 Lic. No. or Bldrs. Reg. No. 7490
 Federal Emp. No. 15-8607405

B. ELECTRICAL CHARACTERISTICS

Use Group - Present R-5 Proposed R-5
☐ Pole/Pad # _____ ☐ Temporary ☐ Other _____
 Building Occupied as _____ Utility Co. _____
 Estimated Cost of Electrical Work \$ 80

JOB SUMMARY (Office Use Only)

PLAN REVIEW

☒ No Plans Required
 Joint Plan Review Required:
☐ Bldg ☐ Plumb
☐ Fire ☐ Elevator
☐ Elect Plans Approved

Date: 9/30/03

Approved By: [Signature]

SUBCODE APPROVAL

☐ CO ☐ CCO ☐ CA

Date: _____

Approved By: _____

INSPECTIONS

Type	Dates (Month/Day)	Failure	Approval	Initial
Rough				
Temp Serv				
Const Serv				
TCO				
Other				
Service				
Final				

Temp. Cut-in-Card Date Issued _____

Final Cut-in-Card Date Issued _____

D. TECHNICAL SITE DATA

NO.	SIZE	ITEM	FEE (Office Use Only)
0		Lighting Fixtures	
0		Receptacles	
0		Switches	
0		Detectors	
0		Light Poles	
0		Motors-Pract HP	
0		Emergency & Exit Lights	
0		Communications Points	
0		Alarm Devices/F.A.C. Panel	
0		TOTAL NUMBERS	0
0		Pool Permit/with UW Lights	0
0		Storable Pool/Spa/Hot Tub	0
0	0	KW Elect Range/Receptacle	0
0	0	KW Oven/Surface Unit	0
0	0	KW Elect Water Heater	0
0	0	KW Elect Dryer/Receptacle	0
0	0	KW Dishwasher	0
0	0	HP Garbage Disposal	0
1	7	KW Central A/C Unit	9
0	0	HP/KW Space Heater/Air Handler	0
0	0	Baseboard Heat	0
0	0	HP Motors 1/+ HP	0
0	0	KW Transformer/Generator	0
0	0	AMP Service	0
0	0	AMP Subpanels	0
0	0	AMP Motor Control Center	0
0	0	KW Elect Sign/Outline Light	0
0	0	Other	0
0	0	Other	0

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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
☐ Licensed Electrical Contractor ☐ Exempt Applicant

Administrative Surcharge \$ 0
 Paid ☐ Check # _____ Minimum Fee \$ 26
 Collected by: _____ TOTAL FEE \$ 35
 DCA State Permit Fee \$ 0

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
ELECTRICAL
SUBCODE
TECHNICAL SECTION

Date Received 08/27/2003

Date Issued 9/15/03

Control # C28-24

Permit # 03-4016

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Use Group - Present R-5 Proposed R-5
☐ Pole/Pad # ☐ Temporary ☐ Other
 Building Occupied as Utility Co.
 Estimated Cost of Electrical Work \$ 80

JOB SUMMARY (Office Use Only)

PLAN REVIEW

☒ No Plans Required
 Joint Plan Review Required:

☐ Bldg ☐ Plumb

☐ Fire ☐ Elevator

☐ Elect Plans Approved

Date: 9/30/03

Approved By: WM

SUBCODE APPROVAL

☐ CO ☐ CCO ☐ CA

Date:

Approved By:

INSPECTIONS

Type Failure Failure Approval Initial

Rough

Temp Serv

Const Serv

TCO

Other

Service

Final

Temp. Cut-in-Card Date Issued

Final Cut-in-Card Date Issued

D. TECHNICAL SITE DATA

NO.	SIZE	ITEM	FEE (Office Use Only)
0		Lighting Fixtures	
0		Receptacles	
0		Switches	
0		Detectors	
0		Light Poles	
0		Motors-Pract HP	
0		Emergency & Exit Lights	
0		Communications Points	
0		Alarm Devices/F.A.C. Panel	
0		TOTAL NUMBERS	0
0		Pool Permit/with UW Lights	0
0		Storable Pool/Spa/Hot Tub	0
0	0	KW Elect Range/Receptacle	0
0	0	KW Oven/Surface Unit	0
0	0	KW Elect Water Heater	0
0	0	KW Elect Dryer/Receptacle	0
0	0	KW Dishwasher	0
0	0	HP Garbage Disposal	0
1	7	KW Central A/C Unit	2
0	0	HP/KW Space Heater/Air Handler	0
0	0	Baseboard Heat	0
0	0	HP Motors 1/+ HP	0
0	0	KW Transformer/Generator	0
0	0	AMP Service	0
0	0	AMP Subpanels	0
0	0	AMP Motor Control Center	0
0	0	KW Elect Sign/Outline Light	0
0	0	Other	0
0	0	Other	0

C. CERTIFICATION IN LIEU OF OATH

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Applicant's Signature/Contractor's Seal and Signature
☐ Licensed Electrical Contractor ☐ Exempt Applicant

Administrative Surcharge \$ 0
 Paid ☐ Check # Minimum Fee \$ 26
 Collected by: TOTAL FEE \$ 35
 DCA State Permit Fee \$ 0

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
PLUMBING
SUBCODE
TECHNICAL SECTION

Date Received 08/27/2003
Date Issued 9/8/03
Control # C28-24
Permit # 03-4016

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

Block 1299.66 Lot 24 Qual
Work Site Location 366 17TH AVE
REPLACE A/C
Owner in Fee JACKSON, RICH
Address SAME
NOTICE NJ 08734
Tel [REDACTED]
Contractor NJR HOME SERVICES
Address 1415 WYCKOFF RD
WALL TOWNSHIP, NJ 07719-
Tele. (732) 938-1260
Lic. No. or Bldgs. Reg. No.
Federal Emp. No. 22-3609806

B. PLUMBING CHARACTERISTICS

Use Group Present R-5 Proposed R-5
Building Sewer Size [] Public Sewer [] Private Septic
Water Sewer Size [] Public Water [] Private Well
Estimated Cost of Plumbing Work \$ 50

JOB SUMMARY (Office Use Only)

PLAN REVIEW

[] No Plans Required
Joint Plan Review Required:

[] Bldg [] Elect
[] Fire [] Elevator

[] Plumb. Plans Approved

Date: 8/29/03

Approved By: [Signature]

SUBCODE APPROVAL

[] CO [] CCO [] CA

Approved By: [Signature]

Date: 3/19/07

INSPECTIONS

Type	Dates (Month/Day)	Failure	Approval	Initial
Slab				
Rough				
Water				
Sewer				
Fixtures				
Gas Equip.				
Gas Piping				
Solar				
TCO				

D. TECHNICAL SITE DATA (List all fixtures.)

NO.	FIXTURE/EQUIPMENT	FEE (Office Use Only)
0	Water Closet	0
0	Urinal / Bidet	0
0	Bath Tub	0
0	Lavatory	0
0	Shower	0
0	Floor Drain	0
0	Sink	0
0	Dishwasher	0
0	Drinking Fountain	0
0	Washing Machine	0
0	Hose Bib	0
0	Water Heater	0
0	Fuel Oil Piping	0
0	Gas Piping	0
0	Steam Boiler	0
0	Hot Water Boiler	0
0	Sewer Pump	0
0	Interceptor / Separator	0
0	Backflow Preventer	0
0	Greasetrap	0
0	Sewer Connection	0
0	Water Service Connection	0
0	Stacks	0
0	Other REPLACE A/C	35
0	Other	0

Administrative Surcharge \$ 0
Paid [] Check # Minimum Fee \$ 0
Collected by: TOTAL FEE \$ 35
DCA State Permit Fee \$ 0

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.

Signature/Contractor Seal

[] Licensed Plumbing Contractor [] Exempt Applicant

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
PLUMBING
SUBCODE
TECHNICAL SECTION

Date Received 08/27/2003
 Date Issued 9/10/03
 Control # C28-24
 Permit # 03-4016

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

Block 1299.66 Lot 24 Qual _____
 Work Site Location 366 17TH AVE

REPLACE A/C

Owner in Fee JACKSON, RICH

Address SAME

BRICK, NJ 08724-

Tele. _____

Contractor NJR HOME SERVICES

Address 1415 WYCKOFF RD

WALL TOWNSHIP, NJ 07719-

Tele. (732) 938-1260

Lic. No. or Bldrs. Reg. No. _____

Federal Emp. No. 22-3609806

B. PLUMBING CHARACTERISTICS

Use Group Present R-5 Proposed R-5

Building Sewer Size _____ () Public Sewer () Private Septic

Water Sewer Size _____ () Public Water () Private Well

Estimated Cost of Plumbing Work \$ 50

JOB SUMMARY (Office Use Only)

PLAN REVIEW

[] No Plans Required

Joint Plan Review Required:

[] Bldg [] Elect

[] Fire [] Elevator

[] Plumb. Plans Approved

Date: 8/29/03

Approved By: _____

SUBCODE APPROVAL

[] CO [] CCO [] CA

Approved By: _____

Date: _____

INSPECTIONS Dates (Month/Day)

Type Failure Failure Approval Initial

Slab _____

Rough _____

Water _____

Sewer _____

Fixtures _____

Gas Equip. _____

Gas Piping _____

Solar _____

TCO _____

D. TECHNICAL SITE DATA (List all fixtures.)

NO.	FIXTURE/EQUIPMENT	FEE (Office Use Only)
0	Water Closet	0
0	Urinal / Bidet	0
0	Bath Tub	0
0	Lavatory	0
0	Shower	0
0	Floor Drain	0
0	Sink	0
0	Dishwasher	0
0	Drinking Fountain	0
0	Washing Machine	0
0	Hose Bib	0
0	Water Heater	0
0	Fuel Oil Piping	0
0	Gas Piping	0
0	Steam Boiler	0
0	Hot Water Boiler	0
0	Sewer Pump	0
0	Interceptor / Separator	0
0	Backflow Preventer	0
0	Greasetrap	0
0	Sewer Connection	0
0	Water Service Connection	0
0	Stacks	0
0	Other REPLACE A/C	35
0	Other	0

Paid [] Check # _____	Administrative Surcharge	\$ 0
Collected by: _____	Minimum Fee	\$ 0
	TOTAL FEE	\$ 35
	DCA State Permit Fee	\$ 0

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.

Signature/Contractor Seal

[] Licensed Plumbing Contractor [] Exempt Applicant

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
PLUMBING
SUBCODE
TECHNICAL SECTION

Date Received 08/27/2003
 Date Issued 9/8/03
 Control # C28-24
 Permit # 03-4016

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

Block 1299.66 Lot 24 Qual _____

Work Site Location 366 17TH AVE

REPLACE A/C

Owner in Fee JACKSON, RICH

Address SAME

BRICK, NJ 08724-

Tel [REDACTED]

Contractor NJR HOME SERVICES

Address 1415 WYCKOFF RD

WALL TOWNSHIP, NJ 07719-

Tele. (732) 938-1260

Lic. No. or Bldrs. Reg. No. _____

Federal Emp. No. 22-3609806

B. PLUMBING CHARACTERISTICS

Use Group Present R-5 Proposed R-5

Building Sewer Size _____ [] Public Sewer [] Private Septic

Water Sewer Size _____ [] Public Water [] Private Well

Estimated Cost of Plumbing Work \$ 50

JOB SUMMARY (Office Use Only)

PLAN REVIEW

[] No Plans Required

Joint Plan Review Required:

[] Bldg [] Elect

[] Fire [] Elevator

[] Plumb. Plans Approved

Date: 8/29/03

Approved By: [Signature]

SUBCODE APPROVAL

[] CO [] CCO [] CA

Approved By: _____

Date: _____

INSPECTIONS

Type Failure Failure Approval Initial

Slab _____

Rough _____

Water _____

Sewer _____

Fixtures _____

Gas Equip. _____

Gas Piping _____

Solar _____

TCO _____

D. TECHNICAL SITE DATA (List all fixtures.)

NO.	FIXTURE/EQUIPMENT	FEE (Office Use Only)
0	Water Closet	0
0	Urinal / Bidet	0
0	Bath Tub	0
0	Lavatory	0
0	Shower	0
0	Floor Drain	0
0	Sink	0
0	Dishwasher	0
0	Drinking Fountain	0
0	Washing Machine	0
0	Hose Bib	0
0	Water Heater	0
0	Fuel Oil Piping	0
0	Gas Piping	0
0	Steam Boiler	0
0	Hot Water Boiler	0
0	Sewer Pump	0
0	Interceptor / Separator	0
0	Backflow Preventer	0
0	Greasetrap	0
0	Sewer Connection	0
0	Water Service Connection	0
0	Stacks	0
0	Other REPLACE A/C	35
0	Other	0

Administrative Surcharge \$ 0
 Paid [] Check # _____ Minimum Fee \$ 0
 Collected by: _____ TOTAL FEE \$ 35
 DCA State Permit Fee \$ 0

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.

Signature/Contractor Seal

[] Licensed Plumbing Contractor [] Exempt Applicant

DIOCK.

Owner's Name: Rich Jackson
Owner's Mailing Address: same brick 0824

Phone: [REDACTED]

BUILDING

Contractor: _____
Address: _____
Phone#: _____
Lis #: _____
Federal Emp # or SSN _____

Technical Data
Description of Work: _____

ELECTRICAL

Contractor: Dillon Electric
Address: 1011 Woodmill Dr
Cranbury NJ 08512
Phone#: 609-371-1272
Lis #: 7490
Federal Emp # or SSN 158607405

Technical Data
Item _____ Quantity _____

Lighting Fixtures _____
Receptacles _____
Switches _____
Detectors _____
Light Poles _____
Motors w/ Fract. HP _____
Emergency & Exit Lights _____
Communication Points _____
Alarm Devices/FAC Panel _____
Total _____

Type of Work
New Building _____
Addition _____
Alteration _____
Roofing _____
Asbestos Abatement _____
Siding _____
Fence _____
Pool _____
Demolition _____
Sign _____ sq ft

Building Characteristics

Use Group Present: _____ Proposed: _____
No of Stories: _____
Height of Structure: _____
Area of the largest floor: _____
Area of New Building: _____
Volume of Structure: _____
Total Land Disturbed: _____
Cost of Alteration: _____
Cost of New Building: _____

Total Cost of Building Work: _____

Signature: _____
Please Print Name _____

Pool _____
Spa/Hot Tub/Storable Pool _____
Electric Range _____ KW
Oven/Surface Unit _____ KW
Electric Water Heater _____ KW
Electric Dryer _____ KW
Dishwasher _____ KW
Garbage Disposal _____ HP
A/C Unit - Central Air _____ KW
Space Heater/Air Handler _____ KW
Baseboard Heating _____ KW
Motors 1+ HP _____ KW
Transformer/Generator _____ AMP
Light Stander _____ AMP
Service _____ AMP
Subpanel _____ AMP
Motor Control Center _____ AMP
Sign/Outline Light _____ KW
Furnace _____
Steam Boiler _____
Other: _____

displacement \$ 0.

Estimated Cost of Electrical Work: _____

Signature: M. M. M. M.
Please Print Name M. M. M. M.

Phone #: 732-938-1151
Lis #:
Federal Emp # or SSN 22-3609806

Phone #:
Lis #:
Federal Emp # or SSN

Technical Data

Fixtures	Quantity
Water Closets	
Urinals/Bidets	
Bath Tub	
Lavatory	
Shower	
Floor Drain	
Sink	
Dishwasher	
Drinking Fountain	
Washing Machine	
Hose Bib	
Gas Piping	
Fuel Oil Piping	
Water Heater	
Steam Boiler	
Hot Water Boiler	
Sewer Pump	
Interceptor/Separator	
Backflow Preventer	
Greasetrap	
Water Cooled A/C or Refrig. Unit	
Septic Tank Closure	
Sewer Service Connection	
Water Service Connection	
Active Solar System	
Auxiliary Meter	
Sprinkler Heads	
Sump Pump	
Other:	

replace
AC coil cond.

Estimated Cost of Plumbing Work \$50.
Signature: John Mains
Please Print Name: John Mains

CONTRACTOR'S SEAL

Technical Data

Description of Work:	Heating Type: Gas Oil Electric Solar	Heating System is New Existing	Location of Furnace/Boiler:
Water Supply Source			
Method of Valve Supervision			
Local Alarm Supervision			
Central Supervision:			
Proprietary Supervision:			
Flammable Storage Tanks		capacity	fuel
Combustible Storage Tanks		capacity	fuel
LPG Storage Tanks		capacity	fuel
Item			Quantity
Wet Sprinkler Heads			
Dry Sprinkler Heads			
Total			
Smoke Detectors			
Heat Detectors			
Total			
Stand Pipes			
Kitchen Hood Exhaust System			
Pre-Engineered Systems:			
CO2 Suppression			
Haloh Suppression			
Foam Suppression			
Dry Chemical			
Wet Chemical			
Gas/ Oil Fired Appliances:			
Number of gas/oil fired appliances			
Furnace			
Gas/Wood Fireplace			
Gas Logs			
Wood Burning Stove			
Other:			

Estimated Cost of Fire Work
Signature:
Print Name:



A New Jersey Resources Company

BUILDING PERMITS PAYMENT

BLOCK: 1299-66 LOT: 24 APPL CODE: ac

MAILED TO: Brick Township 401 Chambers Bridge Rd., Brick, NJ 08723

70.00

JACKSON, RICHARD
366 17TH AV

Account ID . .
BRICK TOWNSHIP

220008867995

NOTE: PLEASE MAIL PERMITS TO NJR HOME SERVICE (ENCL. ENVELOPE)

mf

CONDENSING UNITS



ACHIEVER 12® SUPER HIGH EFFICIENCY CONDENSING UNITS

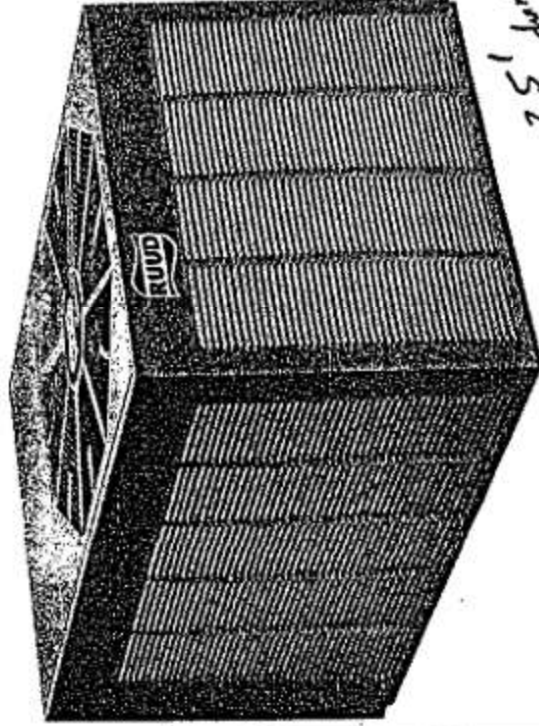
Seven Models
Cooling Capacities
18,100 to 55,000 BTU/HR
[5.30 kW] to [16.12 kW]

The Ruud® Achiever 12 Super High Efficiency UAMB-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 Ruud Achiever 12 UAMB-Condensing Units are the result of an ongoing development program for improved efficiencies. With SEER's ranging to 13.7, 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.

2 1/2 ton
UAMB-SERIES
Nominal Sizes 1 1/2 to 5 Tons
[5.28 kW] to [17.58 kW]



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

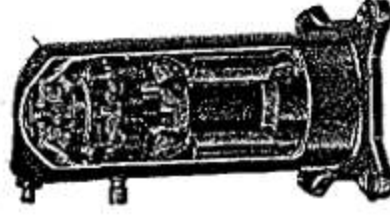
Engineering Features

UAMB- 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. **UAMB—JAZ/JBZ Series has a 10 year compressor limited warranty.** The JAZ/CAZ Series has factory-installed low pressure control, high pressure control and a liquid line filter drier. The JBZ/CBZ Series does not contain factory-installed low pressure control, high pressure or a liquid line filter drier.

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 65°F [18°C].



COPELAND® COMPLIANT SCROLL®

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

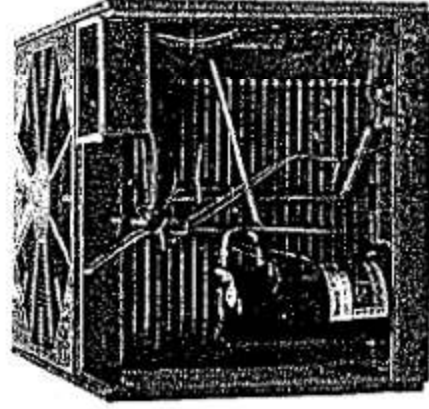
Model Number Identification

<u>U</u>	<u>A</u>	<u>M</u>	<u>B</u>	<u>024</u>
RUUD	CONDENSING UNIT	TYPE-M 12 SEER	DESIGN SERIES	NOMINAL COOLING CAPACITY
				018 = 18,000 BTU/HR [5.28 kW]
				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]
				050 = 60,000 BTU/HR [17.58 kW]

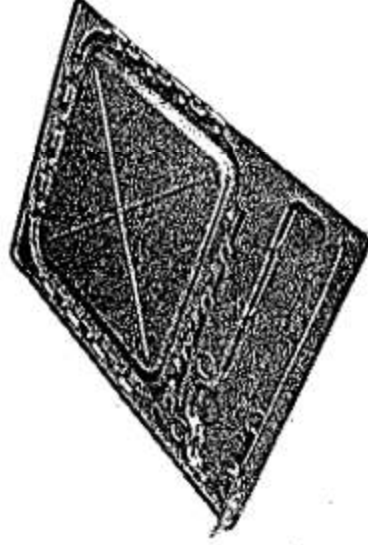
<u>J</u>	<u>A*</u>	<u>Z</u>
ELECTRICAL DESIGNATION	VARIATIONS	COMPRESSOR TYPE
J = 208/230-1-60	A = DELUXE	
C = 208/230-3-60	MODEL	Z = COPELAND ZR COMPLIANT SCROLL COMPRESSOR
	B = BUILDER MODEL	

*See Engineering Feature #12.

[] Designates Metric Conversions



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



Drawn Painted Base Pan.

Outdoor Unit (UAMB)	Model Number	Indoor Unit (UAG)	Air Handling Unit (UAG)	Total Capacity (BTU/kW)	Net Cooling (BTU/kW)	Net Heating (BTU/kW)	SEER	EER	Sound Rating
018JAZJ8Z	RCBA-24**+RXCT-BCA			18,100 [5.30]	13,000 [3.81]	5,100 [1.49]	11.05	12.00	7.6
	RCBA-24**+RXCT-BCA (UBEA-14)			18,100 [5.30]	13,000 [3.81]	5,100 [1.49]	11.25	12.40	7.6
	RCBA-24**+RXCT-BCA (UBHA-14)			18,100 [5.30]	13,000 [3.81]	5,100 [1.49]	11.25	12.40	7.6
	RCBA-2453			18,100 [5.30]	13,000 [3.81]	5,100 [1.49]	11.05	11.50	7.6
	RCBA-2453 (UBEA-14)			18,100 [5.30]	13,000 [3.81]	5,100 [1.49]	11.25	11.90	7.6
	RCBA-2453 (UBHA-14)			18,100 [5.30]	13,000 [3.81]	5,100 [1.49]	11.25	11.90	7.6
	RCGA-24A1			18,100 [5.30]	13,000 [3.81]	5,100 [1.49]	11.05	12.00	7.6
	RCGA-24A1 (UBEA-14)			18,100 [5.30]	13,000 [3.81]	5,100 [1.49]	11.25	12.40	7.6
	RCGA-24A1 (UBHA-14)			18,100 [5.30]	13,000 [3.81]	5,100 [1.49]	11.25	12.40	7.6
	RCGA-24A1 (UGLH-0578MK7)			18,600 [5.45]	13,500 [3.96]	5,100 [1.49]	12.50	13.50	7.6
	RCGA-24A1 (UGLH-0778RK7)			18,600 [5.45]	13,500 [3.96]	5,100 [1.49]	12.50	13.50	7.6
	RCGA-24A1 (UGPH-0578MK7)			18,600 [5.45]	13,500 [3.96]	5,100 [1.49]	12.50	13.50	7.6
	RCGA-24A1 (UGPH-0778RK7)			18,600 [5.45]	13,500 [3.96]	5,100 [1.49]	12.50	13.50	7.6
	RCGA-24A1 (UGFD-067MCK7)			18,500 [5.42]	13,600 [3.99]	4,900 [1.44]	12.30	13.50	7.6
	RCGA-24A1 (UGFD-077MCK7)			18,600 [5.45]	13,700 [4.02]	4,900 [1.44]	12.40	13.60	7.6
	RCBA-24A1			18,100 [5.30]	13,000 [3.81]	5,100 [1.49]	11.05	12.00	7.6
	RCBA-24A1 (UBEA-14)			18,100 [5.30]	13,000 [3.81]	5,100 [1.49]	11.25	12.40	7.6
	RCBA-24A1 (UBHA-14)			18,100 [5.30]	13,000 [3.81]	5,100 [1.49]	11.25	12.40	7.6
	RCBA-24A1 (UGLH-0578MK7)			18,600 [5.45]	13,500 [3.96]	5,100 [1.49]	12.50	13.50	7.6
	RCBA-24A1 (UGLH-0778RK7)			18,600 [5.45]	13,500 [3.96]	5,100 [1.49]	12.50	13.50	7.6
	RCBA-24A1 (UGPH-0578MK7)			18,600 [5.45]	13,500 [3.96]	5,100 [1.49]	12.50	13.50	7.6
	RCBA-24A1 (UGPH-0778RK7)			18,600 [5.45]	13,500 [3.96]	5,100 [1.49]	12.50	13.50	7.6
	RCBA-24A1 (UGFD-067MCK7)			18,500 [5.42]	13,600 [3.99]	4,900 [1.44]	12.30	13.50	7.6
	RCBA-24A1 (UGFD-077MCK7)			18,600 [5.45]	13,700 [4.02]	4,900 [1.44]	12.40	13.60	7.6
	RCBA-36**+RXCT-BCL			18,700 [5.48]	13,600 [3.99]	5,100 [1.49]	11.35	12.35	7.6
	RCBA-36**+RXCT-BCL (UBHB-17)			18,800 [5.51]	13,700 [4.02]	5,100 [1.49]	11.55	12.60	7.6
	RCBA-36**+RXCT-BCL (UBHU-17)			19,200 [5.63]	14,100 [4.13]	5,100 [1.49]	12.90	14.20	7.6
	RCGJ-24A1			18,700 [5.48]	13,600 [3.99]	5,100 [1.49]	11.35	12.35	7.6
	RCGJ-24A1 (UBHB-17)			18,800 [5.51]	13,700 [4.02]	5,100 [1.49]	11.55	12.60	7.6
	RCGJ-24A1 (UBHU-17)			19,200 [5.63]	14,100 [4.13]	5,100 [1.49]	12.90	14.20	7.6
	RCGJ-24A1 (UGLH-0578MK7)			19,200 [5.63]	14,100 [4.13]	5,100 [1.49]	12.75	14.05	7.6
	RCGJ-24A1 (UGLH-0778RK7)			19,200 [5.63]	14,100 [4.13]	5,100 [1.49]	12.90	14.20	7.6
	RCGJ-24A1 (UGPH-0578MK7)			19,200 [5.63]	14,100 [4.13]	5,100 [1.49]	12.75	14.05	7.6
	RCGJ-24A1 (UGPH-0778RK7)			19,200 [5.63]	14,100 [4.13]	5,100 [1.49]	12.90	14.20	7.6
	RCGJ-24A1 (UGFD-067MCK7)			19,200 [5.63]	14,100 [4.13]	5,100 [1.49]	12.60	13.85	7.6
	RCGJ-24A1 (UGFD-077MCK7)			19,200 [5.63]	14,100 [4.13]	5,100 [1.49]	12.70	14.00	7.6
	RCUJ-24A1			18,700 [5.48]	13,600 [3.99]	5,100 [1.49]	11.35	12.35	7.6
	RCUJ-24A1 (UBHB-17)			18,800 [5.51]	13,700 [4.02]	5,100 [1.49]	11.55	12.60	7.6
	RCUJ-24A1 (UBHU-17)			19,200 [5.63]	14,100 [4.13]	5,100 [1.49]	12.90	14.20	7.6
	RCUJ-24A1 (UGLH-0578MK7)			19,200 [5.63]	14,100 [4.13]	5,100 [1.49]	12.75	14.05	7.6
	RCUJ-24A1 (UGLH-0778RK7)			19,200 [5.63]	14,100 [4.13]	5,100 [1.49]	12.90	14.20	7.6
	RCUJ-24A1 (UGPH-0578MK7)			19,200 [5.63]	14,100 [4.13]	5,100 [1.49]	12.75	14.05	7.6
	RCUJ-24A1 (UGPH-0778RK7)			19,200 [5.63]	14,100 [4.13]	5,100 [1.49]	12.90	14.20	7.6
	RCUJ-24A1 (UGFD-067MCK7)			19,200 [5.63]	14,100 [4.13]	5,100 [1.49]	12.60	13.85	7.6
	RCUJ-24A1 (UGFD-077MCK7)			19,200 [5.63]	14,100 [4.13]	5,100 [1.49]	12.70	14.00	7.6
	RCTB-A024			18,400 [5.39]	13,500 [3.96]	4,900 [1.44]	11.20	12.20	7.1
024JAZJ8Z	RCBA-24**+RXCT-BCL			22,600 [6.62]	16,500 [4.86]	6,000 [1.76]	10.50	12.00	7.1
	RCBA-24**+RXCT-BCL (UBEA-14)			22,600 [6.62]	16,500 [4.86]	6,000 [1.76]	10.50	12.40	7.1
	RCBA-24**+RXCT-BCL (UBHA-14)			22,600 [6.62]	16,500 [4.86]	6,000 [1.76]	10.50	12.40	7.1
	RCBA-24**+RXCT-BCL (UGLH-0578MK7)			22,600 [6.62]	16,500 [4.86]	6,000 [1.76]	10.50	12.40	7.1
	RCBA-24**+RXCT-BCL (UGLH-0778RK7)			22,600 [6.62]	16,500 [4.86]	6,000 [1.76]	10.50	12.40	7.1
	RCBA-24**+RXCT-BCL (UGPH-0578MK7)			22,600 [6.62]	16,500 [4.86]	6,000 [1.76]	10.50	12.40	7.1

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

[] Designates Metric Conversions

Performance Data @ ARI Standard Conditions—Cooling (continued)

Outdoor Unit Model	Indoor Coil and/or Condenser/Filter Assembly	Total Capacity BTU/HKWT	Net Sensible Capacity BTU/HKWT	Net Latent Capacity BTU/HKWT	SEER	Sensible Heating Capacity BTU/HKWT
024JAZJBZ	RCGA-24A2 (UBEA-14)	22,600 [6.62]	16,600 [4.86]	6,000 [1.76]	10.50	12.40
	RCGA-24A2 (UBHA-14)	22,600 [6.62]	16,600 [4.86]	6,000 [1.76]	10.50	12.40
	RCGA-24A2 (UGLH-057BMK?)	23,200 [6.80]	17,200 [5.04]	6,000 [1.76]	11.40	13.40
	RCGA-24A2 (UGLH-077BRK?)	23,200 [6.80]	17,200 [5.04]	6,000 [1.76]	11.60	13.70
	RCGA-24A2 (UGPH-057BMK?)	23,200 [6.80]	17,200 [5.04]	6,000 [1.76]	11.40	13.40
	RCGA-24A2 (UGPH-077BRK?)	23,200 [6.80]	17,200 [5.04]	6,000 [1.76]	11.60	13.70
	RCGA-24A2 (UGFD-067MCK?)	23,000 [6.74]	17,100 [5.01]	5,900 [1.73]	11.10	13.10
	RCGA-24A2 (UGFD-077MCK?)	23,000 [6.74]	17,100 [5.01]	5,900 [1.73]	11.30	13.30
	RCHA-24A2	22,600 [6.62]	16,600 [4.86]	6,000 [1.76]	10.50	12.40
	RCHA-24A2 (UBEA-14)	22,600 [6.62]	16,600 [4.86]	6,000 [1.76]	10.50	12.40
	RCHA-24A2 (UBHA-14)	23,200 [6.80]	17,200 [5.04]	6,000 [1.76]	11.40	13.40
	RCHA-24A2 (UGLH-057BMK?)	23,200 [6.80]	17,200 [5.04]	6,000 [1.76]	11.60	13.70
	RCHA-24A2 (UGLH-077BRK?)	23,200 [6.80]	17,200 [5.04]	6,000 [1.76]	11.40	13.40
	RCHA-24A2 (UGPH-057BMK?)	23,200 [6.80]	17,200 [5.04]	6,000 [1.76]	11.60	13.70
	RCHA-24A2 (UGPH-077BRK?)	23,200 [6.80]	17,200 [5.04]	6,000 [1.76]	11.40	13.40
	RCHA-24A2 (UGFD-067MCK?)	23,000 [6.74]	17,100 [5.01]	5,900 [1.73]	11.10	13.10
	RCHA-24A2 (UGFD-077MCK?)	23,000 [6.74]	17,100 [5.01]	5,900 [1.73]	11.30	13.30
	RCBA-36**+RXCT-8CB	23,600 [6.92]	17,700 [5.19]	5,900 [1.73]	10.70	12.50
	RCBA-36**+RXCT-8CB (UBHB-17)	23,800 [6.98]	17,600 [5.16]	6,200 [1.82]	11.00	12.90
	RCBA-36**+RXCT-8CB (UBHJ-17)	24,200 [7.09]	18,000 [5.27]	6,200 [1.82]	11.90	14.00
	RCGJ-24A2	23,600 [6.92]	17,700 [5.19]	5,900 [1.73]	10.70	12.50
	RCGJ-24A2 (UBHB-17)	23,800 [6.98]	17,600 [5.16]	6,200 [1.82]	11.00	12.90
	RCGJ-24A2 (UBHJ-17)	24,200 [7.09]	18,000 [5.27]	6,200 [1.82]	11.90	14.00
	RCGJ-24A2 (UGLH-057BMK?)	24,400 [7.15]	18,200 [5.33]	6,200 [1.82]	12.00	14.00
	RCGJ-24A2 (UGLH-077BRK?)	24,400 [7.15]	18,200 [5.33]	6,200 [1.82]	12.10	14.30
	RCGJ-24A2 (UGPH-057BMK?)	24,400 [7.15]	18,200 [5.33]	6,200 [1.82]	12.00	14.00
	RCGJ-24A2 (UGPH-077BRK?)	24,400 [7.15]	18,200 [5.33]	6,200 [1.82]	12.10	14.30
	RCGJ-24A2 (UGFD-067MCK?)	24,200 [7.09]	18,000 [5.27]	6,200 [1.82]	11.70	13.70
	RCGJ-24A2 (UGFD-077MCK?)	24,200 [7.09]	18,000 [5.27]	6,200 [1.82]	11.80	13.90
	RCHJ-24A2	23,600 [6.92]	17,700 [5.19]	5,900 [1.73]	10.70	12.50
	RCHJ-24A2 (UBHB-17)	23,800 [6.98]	17,600 [5.16]	6,200 [1.82]	11.00	12.90
	RCHJ-24A2 (UBHJ-17)	24,200 [7.09]	18,000 [5.27]	6,200 [1.82]	11.90	14.00
	RCHJ-24A2 (UGLH-057BMK?)	24,400 [7.15]	18,200 [5.33]	6,200 [1.82]	12.00	14.00
	RCHJ-24A2 (UGLH-077BRK?)	24,400 [7.15]	18,200 [5.33]	6,200 [1.82]	12.10	14.30
	RCHJ-24A2 (UGPH-057BMK?)	24,400 [7.15]	18,200 [5.33]	6,200 [1.82]	12.00	14.00
	RCHJ-24A2 (UGPH-077BRK?)	24,400 [7.15]	18,200 [5.33]	6,200 [1.82]	12.10	14.30
	RCHJ-24A2 (UGFD-067MCK?)	24,200 [7.09]	18,000 [5.27]	6,200 [1.82]	11.70	13.70
	RCHJ-24A2 (UGFD-077MCK?)	24,200 [7.09]	18,000 [5.27]	6,200 [1.82]	11.80	13.90
	RCTB-A024	23,000 [6.74]	17,000 [4.98]	6,000 [1.76]	10.50	12.20
	RCTH-A024	23,200 [6.80]	17,300 [5.07]	5,900 [1.73]	10.50	12.30
1001AZ0BZ	RCHA-36**+RXCT-8CB	29,500 [8.57]	21,200 [6.21]	8,300 [2.46]	10.50	12.00
	RCHA-36**+RXCT-8CB (UBEA-17)	29,800 [8.73]	21,400 [6.27]	8,400 [2.46]	10.60	12.10
	RCHA-36**+RXCT-8CB (UBHA-17)	29,800 [8.73]	21,400 [6.27]	8,400 [2.46]	10.50	12.00
	RCHA-36**+RXCT-8CB	29,500 [8.57]	21,200 [6.21]	8,300 [2.46]	10.50	12.00
	RCHA-36**+RXCT-8CB (UBEA-17)	29,800 [8.73]	21,400 [6.27]	8,400 [2.46]	10.60	12.10
	RCHA-36**+RXCT-8CB (UBHA-17)	29,800 [8.73]	21,400 [6.27]	8,400 [2.46]	10.50	12.00
	RCHA-36**+RXCT-8CB	29,500 [8.57]	21,200 [6.21]	8,300 [2.46]	10.50	12.00
	RCHA-36**+RXCT-8CB (UBEA-17)	29,800 [8.73]	21,400 [6.27]	8,400 [2.46]	10.60	12.10
	RCHA-36**+RXCT-8CB (UBHA-17)	29,800 [8.73]	21,400 [6.27]	8,400 [2.46]	10.50	12.00
	RCHA-36**+RXCT-8CB	29,500 [8.57]	21,200 [6.21]	8,300 [2.46]	10.50	12.00
	RCHA-36**+RXCT-8CB (UBEA-17)	29,800 [8.73]	21,400 [6.27]	8,400 [2.46]	10.60	12.10
	RCHA-36**+RXCT-8CB (UBHA-17)	29,800 [8.73]	21,400 [6.27]	8,400 [2.46]	10.50	12.00
	RCHA-36**+RXCT-8CB	29,500 [8.57]	21,200 [6.21]	8,300 [2.46]	10.50	12.00
	RCHA-36**+RXCT-8CB (UBEA-17)	29,800 [8.73]	21,400 [6.27]	8,400 [2.46]	10.60	12.10
	RCHA-36**+RXCT-8CB (UBHA-17)	29,800 [8.73]	21,400 [6.27]	8,400 [2.46]	10.50	12.00
	RCHA-36**+RXCT-8CB	29,500 [8.57]	21,200 [6.21]	8,300 [2.46]	10.50	12.00
	RCHA-36**+RXCT-8CB (UBEA-17)	29,800 [8.73]	21,400 [6.27]	8,400 [2.46]	10.60	12.10
	RCHA-36**+RXCT-8CB (UBHA-17)	29,800 [8.73]	21,400 [6.27]	8,400 [2.46]	10.50	12.00
	RCHA-36**+RXCT-8CB	29,500 [8.57]	21,200 [6.21]	8,300 [2.46]	10.50	12.00
	RCHA-36**+RXCT-8CB (UBEA-17)	29,800 [8.73]	21,400 [6.27]	8,400 [2.46]	10.60	12.10
	RCHA-36**+RXCT-8CB (UBHA-17)	29,800 [8.73]	21,400 [6.27]	8,400 [2.46]	10.50	12.00
	RCHA-36**+RXCT-8CB	29,500 [8.57]	21,200 [6.21]	8,300 [2.46]	10.50	12.00
	RCHA-36**+RXCT-8CB (UBEA-17)	29,800 [8.73]	21,400 [6.27]	8,400 [2.46]	10.60	12.10
	RCHA-36**+RXCT-8CB (UBHA-17)	29,800 [8.73]	21,400 [6.27]	8,400 [2.46]	10.50	12.00
	RCHA-36**+RXCT-8CB	29,500 [8.57]	21,200 [6.21]	8,300 [2.46]	10.50	12.00

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

[] Designates Metric Conversions

[illegible]

[] Designates Metric Conversions

Performance Data @ ARI Standard Conditions—Cooling (continued)

Model Number	Indoor Coil and Air Handler/Gas Furnace	Total Capacity BTU/H [kW]	Net Cooling BTU/H [kW]	Net Heating BTU/H [kW]	EER	SEER	HSPF
RCGA-36A2 (UGPH-0578MK7)		34,800 [10.20]	25,000 [7.33]	9,800 [2.87]	11.20	12.90	7.2
RCGA-36A2 (UGPH-0578MM7)		34,800 [10.20]	25,000 [7.33]	9,800 [2.87]	11.20	12.90	7.2
RCGA-36A2 (UGPH-0778RK7)		34,800 [10.20]	25,000 [7.33]	9,800 [2.87]	11.35	13.10	7.2
RCGA-36A2 (UGPH-0778RM7)		34,800 [10.20]	25,000 [7.33]	9,800 [2.87]	11.35	13.10	7.2
RCGA-36A2 (UGPH-1078RK7)		34,800 [10.20]	25,000 [7.33]	9,800 [2.87]	11.10	12.80	7.2
RCGA-36A2 (UGPH-1078RM7)		34,800 [10.20]	25,000 [7.33]	9,800 [2.87]	11.10	12.80	7.2
RCGA-36A2 (UGFD-067MCK7)		34,400 [10.08]	24,600 [7.21]	9,800 [2.87]	10.60	12.20	7.2
RCGA-36A2 (UGFD-077MCK7)		34,600 [10.14]	24,800 [7.27]	9,800 [2.87]	10.90	12.60	7.2
RCGA-36A2 (UGFD-097ZCM7)		35,000 [10.26]	25,200 [7.39]	9,800 [2.87]	11.45	13.20	7.2
RCGA-36A2 (UGFD-107ZCM7)		34,800 [10.20]	25,000 [7.33]	9,800 [2.87]	11.30	13.10	7.2
RCHA-36A1		34,200 [10.02]	24,400 [7.15]	9,800 [2.87]	10.50	12.00	7.2
RCHA-36A1 (UBEA-17)		34,400 [10.08]	24,600 [7.21]	9,800 [2.87]	10.70	12.40	7.2
RCHA-36A1 (UBHA-17)		34,400 [10.08]	24,600 [7.21]	9,800 [2.87]	10.70	12.40	7.2
RCHA-36A2 (UGLH-0578MK7)		34,800 [10.20]	25,000 [7.33]	9,800 [2.87]	11.20	12.90	7.2
RCHA-36A2 (UGLH-0578MM7)		34,800 [10.20]	25,000 [7.33]	9,800 [2.87]	11.20	12.90	7.2
RCHA-36A2 (UGLH-0778RK7)		34,800 [10.20]	25,000 [7.33]	9,800 [2.87]	11.35	13.10	7.2
RCHA-36A2 (UGLH-0778RM7)		34,800 [10.20]	25,000 [7.33]	9,800 [2.87]	11.35	13.10	7.2
RCHA-36A2 (UGLH-1078RK7)		34,800 [10.20]	25,000 [7.33]	9,800 [2.87]	11.10	12.80	7.2
RCHA-36A2 (UGLH-1078RM7)		34,800 [10.20]	25,000 [7.33]	9,800 [2.87]	11.10	12.80	7.2
RCHA-36A2 (UGPH-0578MK7)		34,800 [10.20]	25,000 [7.33]	9,800 [2.87]	11.20	12.90	7.2
RCHA-36A2 (UGPH-0578MM7)		34,800 [10.20]	25,000 [7.33]	9,800 [2.87]	11.20	12.90	7.2
RCHA-36A2 (UGPH-0778RK7)		34,800 [10.20]	25,000 [7.33]	9,800 [2.87]	11.35	13.10	7.2
RCHA-36A2 (UGPH-0778RM7)		34,800 [10.20]	25,000 [7.33]	9,800 [2.87]	11.35	13.10	7.2
RCHA-36A2 (UGPH-1078RK7)		34,800 [10.20]	25,000 [7.33]	9,800 [2.87]	11.10	12.80	7.2
RCHA-36A2 (UGPH-1078RM7)		34,800 [10.20]	25,000 [7.33]	9,800 [2.87]	11.10	12.80	7.2
RCHA-36A2 (UGFD-067MCK7)		34,400 [10.08]	24,600 [7.21]	9,800 [2.87]	10.60	12.20	7.2
RCHA-36A2 (UGFD-077MCK7)		34,600 [10.14]	24,800 [7.27]	9,800 [2.87]	10.90	12.60	7.2
RCHA-36A2 (UGFD-097ZCM7)		35,000 [10.26]	25,200 [7.39]	9,800 [2.87]	11.45	13.20	7.2
RCHA-36A2 (UGFD-107ZCM7)		34,800 [10.20]	25,000 [7.33]	9,800 [2.87]	11.30	13.10	7.2
RCBA-48**+RXCT-BCH		35,600 [10.43]	25,800 [7.56]	9,800 [2.87]	10.80	12.40	7.2
RCBA-48**+RXCT-BCH (UBHB-21)		35,800 [10.49]	26,000 [7.62]	9,800 [2.87]	11.10	12.80	7.2
RCBA-48**+RXCT-BCH (UBHU-21)		36,200 [10.61]	26,400 [7.74]	9,800 [2.87]	11.70	13.60	7.2
RCGJ-36A2		35,600 [10.43]	25,800 [7.56]	9,800 [2.87]	10.80	12.40	7.2
RCGJ-36A2 (UBHB-21)		35,800 [10.49]	26,000 [7.62]	9,800 [2.87]	11.10	12.80	7.2
RCGJ-36A2 (UBHU-21)		36,200 [10.61]	26,400 [7.74]	9,800 [2.87]	11.70	13.60	7.2
RCGJ-36A2 (UGLH-0578MK7)		36,200 [10.61]	26,400 [7.74]	9,800 [2.87]	11.60	13.40	7.2
RCGJ-36A2 (UGLH-0578MM7)		36,200 [10.61]	26,400 [7.74]	9,800 [2.87]	11.60	13.40	7.2
RCGJ-36A2 (UGLH-0778RK7)		36,400 [10.67]	26,600 [7.80]	9,800 [2.87]	11.80	13.60	7.2
RCGJ-36A2 (UGLH-0778RM7)		36,400 [10.67]	26,600 [7.80]	9,800 [2.87]	11.80	13.60	7.2
RCGJ-36A2 (UGLH-1078RK7)		36,200 [10.61]	26,400 [7.74]	9,800 [2.87]	11.50	13.30	7.2
RCGJ-36A2 (UGLH-1078RM7)		36,200 [10.61]	26,400 [7.74]	9,800 [2.87]	11.50	13.30	7.2
RCGJ-36A2 (UGPH-0578MK7)		36,200 [10.61]	26,400 [7.74]	9,800 [2.87]	11.60	13.40	7.2
RCGJ-36A2 (UGPH-0578MM7)		36,200 [10.61]	26,400 [7.74]	9,800 [2.87]	11.60	13.40	7.2
RCGJ-36A2 (UGPH-0778RK7)		36,400 [10.67]	26,600 [7.80]	9,800 [2.87]	11.80	13.60	7.2
RCGJ-36A2 (UGPH-0778RM7)		36,400 [10.67]	26,600 [7.80]	9,800 [2.87]	11.80	13.60	7.2
RCGJ-36A2 (UGPH-1078RK7)		36,200 [10.61]	26,400 [7.74]	9,800 [2.87]	11.50	13.30	7.2
RCGJ-36A2 (UGPH-1078RM7)		36,200 [10.61]	26,400 [7.74]	9,800 [2.87]	11.50	13.30	7.2
RCGJ-36A2 (UGFD-067MCK7)		35,800 [10.49]	26,000 [7.62]	9,800 [2.87]	11.00	12.70	7.2
RCGJ-36A2 (UGFD-077MCK7)		36,000 [10.55]	26,200 [7.68]	9,800 [2.87]	11.30	13.10	7.2
RCGJ-36A2 (UGFD-097ZCM7)		36,400 [10.67]	26,600 [7.80]	9,800 [2.87]	11.90	13.70	7.2
RCGJ-36A2 (UGFD-107ZCM7)		36,200 [10.61]	26,400 [7.74]	9,800 [2.87]	11.70	13.60	7.2
RCGJ-36A2 (UGFD-127RCM7)		36,400 [10.67]	26,600 [7.80]	9,800 [2.87]	11.80	13.70	7.2
RCHJ-36A2		35,600 [10.43]	25,800 [7.56]	9,800 [2.87]	10.80	12.40	7.2

036JAZ/UBZ/
CAZ/CBZ

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[] Designates Metric Conversions

Performance Data @ ARI Standard Conditions—Cooling (continued)

Model Numbers	Outdoor Unit	Indoor Unit	Capacity (BTU/H [kW])	Net Sensible Heat (BTU/H [kW])	Net Latent Heat (BTU/H [kW])	SEER	EER	Sound Rating
042JAZ/JBZ/ CAZ/CBZ	RCHJ-48A1	RCHJ-48A1 (UBHB-24)	42,000 [12.31]	30,400 [8.91]	11,600 [3.40]	10.60	12.40	7.8
		RCHJ-48A1 (UBHJ-24)	42,000 [12.31]	30,300 [8.88]	11,700 [3.43]	10.90	12.60	7.8
		RCHJ-48A1 (UGLH-0778RM7)	42,500 [12.46]	30,800 [9.03]	11,700 [3.43]	11.40	13.40	7.8
		RCHJ-48A1 (UGLH-1078RM7)	42,500 [12.46]	30,800 [9.03]	11,700 [3.43]	11.40	13.40	7.8
		RCHJ-48A1 (UGLH-1278RM7)	42,500 [12.46]	30,800 [9.03]	11,700 [3.43]	11.10	13.00	7.8
		RCHJ-48A1 (UGPH-1278RM7)	42,500 [12.46]	30,800 [9.03]	11,700 [3.43]	11.20	13.00	7.8
		RCHJ-48A1 (UGPH-1078RM7)	42,500 [12.46]	30,800 [9.03]	11,700 [3.43]	11.10	13.00	7.8
		RCHJ-48A1 (UGPH-1278RM7)	42,500 [12.46]	30,800 [9.03]	11,700 [3.43]	11.20	13.00	7.8
		RCHJ-48A1 (UGFD-0972CM7)	42,500 [12.46]	30,800 [9.03]	11,700 [3.43]	11.20	13.10	7.8
		RCHJ-48A1 (UGFD-1072CM7)	42,500 [12.46]	30,800 [9.03]	11,700 [3.43]	11.20	13.10	7.8
		RCHJ-48A1 (UGFD-1278CM7)	42,500 [12.46]	30,800 [9.03]	11,700 [3.43]	11.20	13.10	7.8
		RCHJ-48A1 (UBHB-24)	42,000 [12.31]	30,400 [8.91]	11,600 [3.40]	10.60	12.40	7.8
		RCHJ-48A1 (UBHJ-24)	42,000 [12.31]	30,300 [8.88]	11,700 [3.43]	10.90	12.60	7.8
		RCHJ-48A1 (UGLH-0778RM7)	42,500 [12.46]	30,800 [9.03]	11,700 [3.43]	11.40	13.40	7.8
		RCHJ-48A1 (UGLH-1078RM7)	42,500 [12.46]	30,800 [9.03]	11,700 [3.43]	11.40	13.40	7.8
		RCHJ-48A1 (UGLH-1278RM7)	42,500 [12.46]	30,800 [9.03]	11,700 [3.43]	11.10	13.00	7.8
		RCHJ-48A1 (UGPH-0778RM7)	42,500 [12.46]	30,800 [9.03]	11,700 [3.43]	11.20	13.00	7.8
		RCHJ-48A1 (UGPH-1078RM7)	42,500 [12.46]	30,800 [9.03]	11,700 [3.43]	11.10	13.00	7.8
		RCHJ-48A1 (UGPH-1278RM7)	42,500 [12.46]	30,800 [9.03]	11,700 [3.43]	11.20	13.00	7.8
		042JAZ/JBZ/ CAZ/CBZ	RCHJ-48A1	RCHJ-48A1 (UGFD-0972CM7)	42,500 [12.46]	30,800 [9.03]	11,700 [3.43]	11.20
RCHJ-48A1 (UGFD-1072CM7)	42,500 [12.46]			30,800 [9.03]	11,700 [3.43]	11.20	13.00	7.8
RCHJ-48A1 (UGFD-1278CM7)	42,500 [12.46]			30,800 [9.03]	11,700 [3.43]	11.20	13.10	7.8
RCHJ-48A1 (UGFD-0972CM7)	42,500 [12.46]			30,800 [9.03]	11,700 [3.43]	11.20	13.10	7.8
RCHJ-48A1 (UGFD-1072CM7)	42,500 [12.46]			30,800 [9.03]	11,700 [3.43]	11.20	13.10	7.8
RCHJ-48A1 (UGFD-1278CM7)	42,500 [12.46]			30,800 [9.03]	11,700 [3.43]	11.20	13.10	7.8
RCHJ-48A1 (UGFD-0972CM7)	42,500 [12.46]			30,800 [9.03]	11,700 [3.43]	11.20	13.10	7.8
RCHJ-48A1 (UGFD-1072CM7)	42,500 [12.46]			30,800 [9.03]	11,700 [3.43]	11.20	13.10	7.8
RCHJ-48A1 (UGFD-1278CM7)	42,500 [12.46]			30,800 [9.03]	11,700 [3.43]	11.20	13.10	7.8
RCHJ-48A1 (UGFD-0972CM7)	42,500 [12.46]			30,800 [9.03]	11,700 [3.43]	11.20	13.10	7.8
RCHJ-48A1 (UGFD-1072CM7)	42,500 [12.46]			30,800 [9.03]	11,700 [3.43]	11.20	13.10	7.8
RCHJ-48A1 (UGFD-1278CM7)	42,500 [12.46]			30,800 [9.03]	11,700 [3.43]	11.20	13.10	7.8
RCHJ-48A1 (UGFD-0972CM7)	42,500 [12.46]			30,800 [9.03]	11,700 [3.43]	11.20	13.10	7.8
RCHJ-48A1 (UGFD-1072CM7)	42,500 [12.46]			30,800 [9.03]	11,700 [3.43]	11.20	13.10	7.8
RCHJ-48A1 (UGFD-1278CM7)	42,500 [12.46]			30,800 [9.03]	11,700 [3.43]	11.20	13.10	7.8
RCHJ-48A1 (UGFD-0972CM7)	42,500 [12.46]			30,800 [9.03]	11,700 [3.43]	11.20	13.10	7.8
RCHJ-48A1 (UGFD-1072CM7)	42,500 [12.46]			30,800 [9.03]	11,700 [3.43]	11.20	13.10	7.8
RCHJ-48A1 (UGFD-1278CM7)	42,500 [12.46]			30,800 [9.03]	11,700 [3.43]	11.20	13.10	7.8
042JAZ/JBZ/ CAZ/CBZ</								

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

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Outdoor Unit	Model Number	Indoor Unit	Indoor Capacity (BTU/H KW)	Net Sensible (BTU/H KW)	Net Latent (BTU/H KW)	SEER	SEER	Sound Rating
048JAZ/JBZ/CAZ/C8Z	RCBA-60** RXCT-BCK (UBHB-24) RXCT-BCK (UBHJ-24) RCGJ-60A1 RCGJ-60A1 (UBHB-24) RCGJ-60A1 (UBHJ-24) RCGJ-60A1 (UGLH-1078RM7) RCGJ-60A1 (UGLH-127ARM7) RCGJ-60A1 (UGPH-1078RM7) RCGJ-60A1 (UGPH-127ARM7) RCGJ-60A1 (UGFD-097ZCM7) RCGJ-60A1 (UGFD-107ZCM7) RCGJ-60A1 (UGFD-127RCM7) RCHJ-48A2 RCHJ-48A2 (UBHB-24) RCHJ-48A2 (UBHJ-24) RCHJ-48A2 (UGLH-1078RM7) RCHJ-48A2 (UGLH-127ARM7) RCHJ-48A2 (UGPH-1078RM7) RCHJ-48A2 (UGPH-127ARM7) RCHJ-48A2 (UGFD-097ZCM7) RCHJ-48A2 (UGFD-107ZCM7) RCHJ-48A2 (UGFD-127RCM7) RCTB-A060 RCTH-A060	RCBA-60** RXCT-BCK (UBHB-24)	48,000 [14.07]	33,400 [9.79]	14,600 [4.28]	11.10	12.60	7.8
		RCBA-60** RXCT-BCK (UBHJ-24)	48,000 [14.07]	33,500 [9.82]	14,500 [4.25]	11.40	13.00	7.8
		RCGJ-60A1	48,000 [14.07]	33,400 [9.79]	14,600 [4.28]	10.90	12.30	7.8
		RCGJ-60A1 (UBHB-24)	48,000 [14.07]	33,400 [9.79]	14,600 [4.28]	11.10	12.60	7.8
		RCGJ-60A1 (UBHJ-24)	48,000 [14.07]	33,500 [9.82]	14,500 [4.25]	11.40	13.00	7.8
		RCGJ-60A1 (UGLH-1078RM7)	48,000 [14.07]	33,500 [9.82]	14,500 [4.25]	11.10	12.60	7.8
		RCGJ-60A1 (UGLH-127ARM7)	48,000 [14.07]	33,500 [9.82]	14,500 [4.25]	11.20	12.70	7.8
		RCGJ-60A1 (UGPH-1078RM7)	48,000 [14.07]	33,500 [9.82]	14,500 [4.25]	11.10	12.60	7.8
		RCGJ-60A1 (UGPH-127ARM7)	48,000 [14.07]	33,500 [9.82]	14,500 [4.25]	11.20	12.70	7.8
		RCGJ-60A1 (UGFD-097ZCM7)	48,000 [14.07]	33,500 [9.82]	14,500 [4.25]	11.20	12.70	7.8
		RCGJ-60A1 (UGFD-107ZCM7)	48,000 [14.07]	33,500 [9.82]	14,500 [4.25]	11.10	12.60	7.8
		RCGJ-60A1 (UGFD-127RCM7)	48,000 [14.07]	33,500 [9.82]	14,500 [4.25]	11.10	12.60	7.8
		RCHJ-48A2	48,000 [14.07]	33,400 [9.79]	14,600 [4.28]	11.10	12.60	7.8
		RCHJ-48A2 (UBHB-24)	48,000 [14.07]	33,400 [9.79]	14,600 [4.28]	10.90	12.30	7.8
		RCHJ-48A2 (UBHJ-24)	48,000 [14.07]	33,400 [9.79]	14,600 [4.28]	11.10	12.60	7.8
		RCHJ-48A2 (UGLH-1078RM7)	48,000 [14.07]	33,500 [9.82]	14,500 [4.25]	11.40	13.00	7.8
		RCHJ-48A2 (UGLH-127ARM7)	48,000 [14.07]	33,500 [9.82]	14,500 [4.25]	11.10	12.60	7.8
		RCHJ-48A2 (UGPH-1078RM7)	48,000 [14.07]	33,500 [9.82]	14,500 [4.25]	11.20	12.70	7.8
		RCHJ-48A2 (UGPH-127ARM7)	48,000 [14.07]	33,500 [9.82]	14,500 [4.25]	11.10	12.60	7.8
		RCHJ-48A2 (UGFD-097ZCM7)	48,000 [14.07]	33,500 [9.82]	14,500 [4.25]	11.20	12.70	7.8
RCHJ-48A2 (UGFD-107ZCM7)	48,000 [14.07]	33,500 [9.82]	14,500 [4.25]	11.10	12.60	7.8		
RCHJ-48A2 (UGFD-127RCM7)	48,000 [14.07]	33,500 [9.82]	14,500 [4.25]	11.10	12.60	7.8		
RCTB-A060	46,500 [13.63]	32,600 [9.55]	13,900 [4.07]	10.60	12.00	7.8		
RCTH-A060	45,500 [13.33]	32,200 [9.44]	13,300 [3.90]	10.40	12.00	7.8		
048JAZ/JBZ/CAZ/C8Z	RCBA-60** RXCT-BCK (UBHB-24) RXCT-BCK (UBHJ-24) RCGJ-60A1 RCGJ-60A1 (UBHB-24) RCGJ-60A1 (UBHJ-24) RCGJ-60A1 (UGLH-1078RM7) RCGJ-60A1 (UGLH-127ARM7) RCGJ-60A1 (UGPH-1078RM7) RCGJ-60A1 (UGPH-127ARM7) RCGJ-60A1 (UGFD-097ZCM7) RCGJ-60A1 (UGFD-107ZCM7) RCGJ-60A1 (UGFD-127RCM7) RCHJ-48A2 RCHJ-48A2 (UBHB-24) RCHJ-48A2 (UBHJ-24) RCHJ-48A2 (UGLH-1078RM7) RCHJ-48A2 (UGLH-127ARM7) RCHJ-48A2 (UGPH-1078RM7) RCHJ-48A2 (UGPH-127ARM7) RCHJ-48A2 (UGFD-097ZCM7) RCHJ-48A2 (UGFD-107ZCM7) RCHJ-48A2 (UGFD-127RCM7) RCTB-A060 RCTH-A060	RCBA-60** RXCT-BCK (UBHB-24)	48,000 [14.07]	33,400 [9.79]	14,600 [4.28]	11.10	12.60	7.8
		RCBA-60** RXCT-BCK (UBHJ-24)	48,000 [14.07]	33,500 [9.82]	14,500 [4.25]	11.40	13.00	7.8
		RCGJ-60A1	48,000 [14.07]	33,400 [9.79]	14,600 [4.28]	10.90	12.30	7.8
		RCGJ-60A1 (UBHB-24)	48,000 [14.07]					

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Performance Data @ ARI Standard Conditions—Cooling (continued)

Outdoor Unit UAMB	Model Numbers	Indoor Coil and/or Air Handler/Gas Furnace	20°F (-6°C) DB, 67°F (19.5°C) WB Indoor Air 95°F (35°C) DB Outdoor Air					
			Total Capacity BTU/h (kW)	Net Sensible BTU/h (kW)	Net Latent BTU/h (kW)	SEER	SEER	SEER
060JAZ/JRZ/ CAZ/CBZ			55,000 [16.12]	38,033 [11.15]	16,967 [4.97]	10.60	12.00	7.8
			55,000 [16.12]	38,033 [11.15]	16,967 [4.97]	10.80	12.00	7.8
			55,500 [16.27]	38,500 [11.28]	17,000 [4.98]	11.20	12.60	7.8
			55,000 [16.12]	38,033 [11.15]	16,967 [4.97]	10.80	12.10	7.8
			55,000 [16.12]	38,033 [11.15]	16,967 [4.97]	10.80	12.10	7.8
			54,500 [15.97]	37,533 [11.00]	16,967 [4.97]	10.55	11.90	7.8
			53,500 [15.68]	36,500 [10.70]	17,000 [4.98]	10.85	12.00	7.8
			54,000 [15.83]	37,267 [10.93]	16,713 [4.90]	10.45	11.10	7.8

Electrical and Physical Data

Model No. UAMB	ELECTRICAL				PHYSICAL			
	Phase Volts	Compressor RVA	Compressor FLA	Min. Circuit Amperage FLA	Freeze Protection Circuit Breaker Min. Amps	Face Area Sq. Ft. (m ²)	Outdoor Coil Rows	Weight Net (lbs) (kg)
018JAZ/JB	1-60-208/230	9.0/9.0	41	9	15/15	9.1 [8.45]	1.00	150 [68.0]
024JAZ/JB	1-60-208/230	10.9/10.9	54	9	20/20	9.1 [8.45]	1.00	155 [70.3]
030JAZ/JB	1-60-208/230	13.5/13.5	72.5	1.3	25/25	11.0 [1.022]	1.00	169 [76.7]
036CAZ/CB	3-60-208/230	10.3/10.3	77	1.3	20/20	12.9 [1.198]	1.00	188 [85.2]
036JAZ/JB	1-60-208/230	16.1/16.1	88	1.3	30/30	12.9 [1.198]	1.00	188 [85.2]
042CAZ/CB	3-60-208/230	12.5/12.5	88	2.0	25/25	12.9 [1.198]	1.00	193 [87.5]
042JAZ/JB	1-60-208/230	18.0/18.0	104	2.0	40/40	12.9 [1.198]	1.00	193 [87.5]
048CAZ/CB	3-60-208/230	12.9/12.9	91	2.0	30/30	15.4 [1.431]	2.00	255 [115.7]
048JAZ/JB	1-60-208/230	19.3/19.3	137	2.0	45/45	15.4 [1.431]	2.00	255 [115.7]
060CAZ/CB	3-60-208/230	17.3/17.3	123	2.0	30/30	20.8 [1.932]	2.00	309 [140.2]
060JAZ/JB	1-60-208/230	28.9/28.9	169	2.0	50/50	20.8 [1.932]	2.00	309 [140.2]

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GENERAL TERMS OF LIMITED WARRANTY*

Ruud 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.

Condenser Coil leaks caused by
factory defects.....

Compressor—Single Phase ModelsFive (5) Years
Compressor—Three Phase ModelsTen (10) Years
Any Other Part.....Five (5) Years
One (1) Year

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

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

Condensing Unit Refrigerant Line Size Information

System Capacity (kW)	Line Size (inch O.D. / mm)	Liquid Line Size			Outdoor Unit Above Indoor Coil			Liquid Line Size			Outdoor Unit Below Indoor Coil		
		Line Size	Total Length - Feet (m)	Vertical Separation - Feet (m)	Line Size	Total Length - Feet (m)	Vertical Separation - Feet (m)	Line Size	Total Length - Feet (m)	Vertical Separation - Feet (m)	Line Size	Total Length - Feet (m)	Vertical Separation - Feet (m)
1.5 [5.28]	1/4" [6.35]	25 [7.62]	50 [15.24]	70 [21.34]	25 [7.62]	50 [15.24]	70 [21.34]	25 [7.62]	50 [15.24]	70 [21.34]	25 [7.62]	50 [15.24]	70 [21.34]
2 [7.03]	5/16" [7.94]	25 [7.62]	50 [15.24]	36 [10.97]	42 [12.80]	48 [14.63]	54 [16.46]	25 [7.62]	50 [15.24]	36 [10.97]	42 [12.80]	48 [14.63]	54 [16.46]
3 [10.55]	5/16" [7.94]	25 [7.62]	50 [15.24]	24 [7.32]	34 [10.36]	44 [13.41]	54 [16.46]	25 [7.62]	50 [15.24]	24 [7.32]	34 [10.36]	44 [13.41]	54 [16.46]
3.5 [12.30]	3/8" [9.53]	25 [7.62]	50 [15.24]	19 [5.79]	33 [10.06]	47 [14.33]	61 [18.59]	25 [7.62]	50 [15.24]	19 [5.79]	33 [10.06]	47 [14.33]	61 [18.59]
4 [14.06]	3/8" [9.53]	25 [7.62]	50 [15.24]	32 [9.75]	39 [11.89]	46 [14.02]	53 [16.15]	25 [7.62]	50 [15.24]	32 [9.75]	39 [11.89]	46 [14.02]	53 [16.15]
5 [17.58]	1/2" [12.7]	25 [7.62]	50 [15.24]	53 [16.15]	61 [18.59]	70 [21.34]	77 [23.57]	25 [7.62]	50 [15.24]	53 [16.15]	61 [18.59]	70 [21.34]	77 [23.57]
	3/8" [9.53]	25 [7.62]	50 [15.24]	61 [18.59]	72 [21.95]	81 [24.68]	89 [27.11]	25 [7.62]	50 [15.24]	61 [18.59]	72 [21.95]	81 [24.68]	89 [27.11]
	1/2" [12.7]	25 [7.62]	50 [15.24]	35 [10.67]	38 [11.58]	41 [12.50]	45 [13.72]	25 [7.62]	50 [15.24]	35 [10.67]	38 [11.58]	41 [12.50]	45 [13.72]

*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 suets (for example, a #89 piston would reduce to a #81 piston).

① 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:

④ 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 3/4" (19.05 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 $\frac{3}{4}$ " (9.53 mm) liquid line. The total horizontal run if using $\frac{1}{2}$ " (12.7 mm) liquid line size will be 150 feet (45.72 m).

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

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

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UAMB-		Suction Line Length/Size versus Capacity Multiplier						
		016	024	030	036	042	048	060
Suction Line Connection Size		1/4" (19.05 mm) ID Sweat						
Suction Line Run - feet (m)		1/4" (19.05 mm) O.D. Optional						
25' [7.62]	Optional	.98	.98	—	.99	.99	.99	.99
	Standard	1.00	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	1.01
50' [15.24]	Optional	.96	.96	—	.97	.97	.97	.97
	Standard	.99	.99	.99	.99	1.00	1.00	.99
	Optional	1.00	1.00	1.00	1.01	1.01	1.01	1.01
100' [30.48]	Optional	.93	.93	—	.93	.96	.96	.95
	Standard	.99	.98	.97	.98	.99	.99	.99
	Optional	1.00	.99	.99	1.00	1.00	1.00	1.00
150' [45.72]	Optional	—	—	—	—	.93	.93	.93
	Standard	.98	.97	.95	.97	.98	.99	.98
	Optional	1.00	.98	.97	.99	1.00	1.00	.99

NOTES: Capacity Multiplier x Rated Capacity = Actual Capacity.

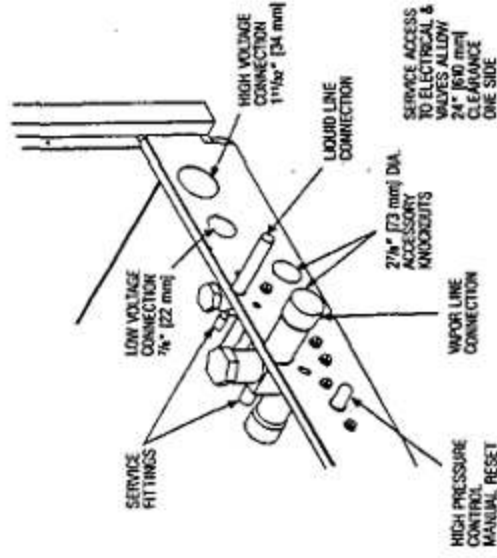
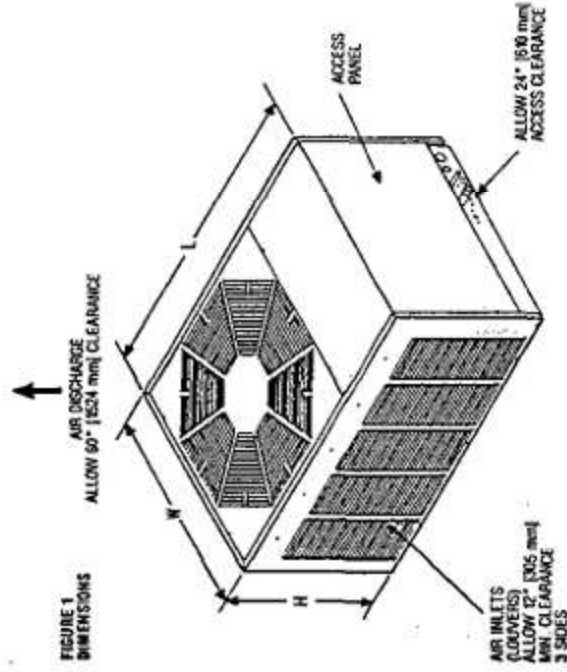
Additional compressor oil is not required for runs up to 150 feet (45.72 m).

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.

[1] Designates Metric Conversions

Unit Dimensions



Model Number UAMP	Height "H" (Inches) (mm)	Length "L" (Inches) (mm)	Width "W" (Inches) (mm)
018/024	20 9/16 [527.05]	33 11/16 [855.66]	23 1/4 [590.55]
030	20 9/16 [527.05]	38 11/16 [982.66]	27 1/8 [688.98]
036/042	20 9/16 [527.05]	42 9/16 [1081.09]	31 [787.40]
048	26 3/4 [679.49]	42 9/16 [1081.09]	31 [787.40]
060	34 3/4 [882.65]	43 [1092.20]	31 [787.40]

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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.

RUUD AIR CONDITIONING DIVISION

5600 Old Greenwood Road, Fort Smith, Arkansas 72908



"In keeping with its policy of continuous progress and product improvement, Ruud reserves the right to make changes without notice."
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1-99 DC

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