



CONSTRUCTION PERMIT APPLICATION

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

C-11-663430

I. IDENTIFICATION

1. Proposed Work Site at: 165 Walter Rd Bruck

2. Name _____

Tel. _____ e-mail _____

Address 165 Walter Rd Bruck

3. Ownership in Fee: Public _____ Private ☒ _____

4. Principal Contractor: Care Temp HVAC Tel. (732) 349-1448

Address 103 Hacey Rd Whiting, NJ 08759

License No. OR, if new home, Builder Reg. No. _____ Exp. Date _____

Home Improvement Contractor Registration No. or Exemption Reason (if applicable): _____

Federal Emp. ID No. 481263535 FAX: () _____

5. Architect or Engineer _____

Address _____

Tel. () _____ FAX: () _____

6. Responsible Person in Charge once Work has Begun Fred Lapray

Tel. (732) 349-1448 FAX: (732) 349-1448

V. FEE SUMMARY (for office use only)

		Update	Update
1. Building	\$	<u>40</u>	
2. Electrical	\$	<u>50</u>	
3. Plumbing	\$		
4. Fire Protection	\$		
5. Elevator Devices	\$		
6. Subtotal	\$		
7. Less 20% for State Plan Review	\$		
8. Subtotal	\$		
9. State Permit Surcharge 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. Max. Live Load	_____	
7. Max. Occupancy Load	_____	
8. If Industrialized Building: State Approved _____ HUD _____		
9. Total Land Area Disturbed	_____ sq. ft.	
10. Flood Hazard Zone	_____	
11. Base Flood Elevation	_____ ft.	
12. Wetlands	yes _____ no _____	

IIa. PROPOSED WORK

- ☐ Minor Work ☐ New Building ☐ Addition ☐ Demolition
- ☐ Repair ☐ Alteration ☐ Renovation ☐ Reconstruction
- ☐ Asbestos Abat. -Subch. 8 ☐ Lead Hazard Abatement ☐ Radon Remediation ☐ Annual Permit

IIb. SUBCODES

(Check all that apply)

- ☐ Building
- ☐ Electrical
- ☐ Plumbing
- ☐ Fire Protection
- ☐ Elevator

FOR OFFICE USE ONLY (Optional)

Est. Cost	Plans Rec'd by	Date Rec'd	Rejection Date	Approval Date	Re-viewer	Resubmission Dates	Re-viewer
	<u>UD</u>	<u>9/8/11</u>		<u>7/20/11</u>	<u>DS</u>		
				<u>7-22-11</u>	<u>DS</u>		

TOTAL COST 12250

III. PLAN REVIEW (optional)

DO YOU WANT:

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/Standpipes
8. ☐ Smoke Control Systems in Open Wells
9. ☐ Underground Storage Tanks
10. ☐ Swimming Pools, Spas and Hot Tubs
11. ☐ LPGas Tanks
12. ☐ Fire Alarm

VII. DESCRIPTION OF BUILDING USE

A. RESIDENTIAL (primary use)

1. State Specific Use: _____
2. Use Group, Proposed: _____
3. Change in Use Group, Indicate Present: _____
4. No. of dwelling units: Total Units income-restricted
- Gained, Sale _____
- Gained, Rental _____
- Lost, Sale _____
- Lost, Rental _____

B. NON-RESIDENTIAL (primary use)

1. State Specific Use: _____
2. Use Group, Proposed: _____
3. Change in Use Group, Indicate Present: _____
- C. MIXED USE -List secondary use(s): _____
- D. Construct. Classification: Present _____ Proposed _____

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(f)1.ix:
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. 5:23-2.15(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 Care Temp HVAC

Address 103 Hacey Rd

Whiting, NJ 08759

Telephone (732) 349-1448

Signature Fred Papay

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



Brick Township
401 Chambersbridge Rd
Brick, NJ 08723

Date Issued 10/19/2011
Control Number C-11-003430
Permit Number 11-2888
Permit Issue Date 09/26/2011
Certificate Number 11-2888

Certificate

Construction Code Division
(Certificate of Approval)

Identification

Work Site Location: 165 WALTER RD. Brick Township, NJ Block: 1170.07 Lot: 10 Qual: _____
Owner in Fee: NEAL, RUTH CAROL
Owner Address: 165 WALTER RD. BRICK NJ 08724
Telephone: _____
Contractor: CARE TEMP HEATING & AC, LLC
Address: 1591 ROUTE 37 WEST UNIT C6 TOMS RIVER NJ 08753
Telephone: (732) 349-1448 Fax: (732) 349-6448
License Number or Builders Registration Number: 13VH02253000 Federal Emp. Number: 481-263535
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: AIR CONDITIONER replacement

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: _____
Collected By: _____



CONSTRUCTION PERMIT

Date Issued _____
Control # C-11-003430
Permit # _____

IDENTIFICATION Block: 1170.07 Lot: 10 Qualifier _____
Work Site Location: 165 WALTER RD. Brick Township, NJ Contractor: CARE TEMP HEATING & AC, LLC
Address: 1591 ROUTE 37 WEST UNIT C6 TOMS RIVER NJ 08753
Owner in Fee: NEAL, RUTH CAROL Telephone: (732) 349-1448
165 WALTER RD. BRICK NJ 08724 Lic. No. or Bldrs. Reg. No. 13VH02253000
Telephone: _____ Federal Employee No. 481-263535

Is hereby granted permission to perform the following work:

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

DESCRIPTION OF WORK:

AIR CONDITIONER replacement

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 \$125

Construction Official

Date

U.C.C. F170
equiv (rev 8/03)

1 WHITE - INSPECTOR

2 CANARY - OFFICE

3 PINK - TAX ASSESSOR

4 GOLD - APPLICANT

PAYMENTS (Office Use Only)

Building	\$0
Electrical	\$40
Plumbing	\$50
Fire Protection	\$0
Elevator Devices	\$0
Other	\$0.00
DCA Training Fee	\$1
CO Fee	
Other	\$0
Total	\$91
Check No.	
Cash	\$0
Credit	\$0
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 the work installed conforms with the requirements of the Uniform Construction Code.

The owner or other responsible person in charge of work must notify this agency when work is ready for any required inspections specified 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 which will preclude the inspection until it has been made and approval granted.

☐ Required inspections for all subcodes for one- and two-family dwellings are as follows:

1. The bottom of footing trenches before placement of footings, except that in cases of pile foundations, inspections shall be made in accordance with the requirements of the building subcode.
2. Foundations and all walls up to grade level prior to back filling.
3. All structural framing, connections, wall and roof sheathing and insulation; electrical rough wiring, panel and service installation; rough plumbing. The framing inspection shall take place after the rough electrical and plumbing inspections and after the installation of the heating, ventilation and/or air conditioning duct system. The insulation inspection shall be performed after all other subcode rough inspections and prior to the installation of any interior finish material.
4. Installation of all finished materials, sealings of exterior joints, plumbing piping, trim and fixtures; electrical wiring, devices and fixtures; mechanical systems equipment.

Additional required inspections for all subcodes of construction, for other than one- and two-family dwellings, are fire suppression systems, heat producing devices and Barrier Free subcode accessibility, if applicable.

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

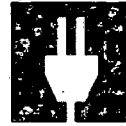
☒ A final inspection is required for each applicable subcode area before a final Certificate of Occupancy or Approval may be issued. The final inspections include the installation of all interior and exterior finish materials, sealing of exterior joints, mechanical system and other required equipment; electrical wiring, devices and fixtures; plumbing pipes, trim and fixtures; tests required by any provision of the adopted subcodes, Barrier Free accessibility, if applicable; and verification of compliance with NJAC 5:23-3.5, "Posting structures".

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

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



ELECTRICAL SUBCODE TECHNICAL SECTION



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

Block 11768 Lot 10 Qualification Code _____

Work Site Location 165 Walter Rd Buck

Owner in Fee Neal

Tel. [redacted] e-mail _____

Address 165 Walter Rd Buck Municipality _____ Zip code _____

Contractor: R.T. BROWN ELECTRICAL CONTRACTING Tel. () _____

Address 69 East Lagonda Drive e-mail _____

Contractor License No. Brick, NJ 08723 Exp. Date _____

Home Improvement Contractor Registration No. or Exemption Reason (if applicable): _____

Federal Emp. ID No. _____ FAX: () _____

B. ELECTRICAL CHARACTERISTICS

Use Group _____ Present _____ Proposed _____

[] Pole/Pad # _____ [] Temporary [] Other _____

Building Occupied as _____ Utility Co. _____

Est. Cost of Elec. Work \$ 90

JOB SUMMARY (Office Use Only)

PLAN REVIEW _____

[] No Plans Required _____

[] Partial Under-slab Utilities Approved _____

Date _____ Approved by _____

[] Electric Plans Approved _____

Date _____ Approved by _____

Joint Plan Review Required _____

[] Bldg. [] Plumb [] Fire [] Elev. [] Other _____

SUBCODE APPROVAL FOR PERMIT _____

Date 11/26/11 Approved by [signature]

SUBCODE APPROVAL FOR CERTIFICATE _____

[] CO [] CCO [] CA _____

Date 10/18/11 Approved by [signature]

Temp. Cut-in-Card Date Issued _____

Final Cut-in-Card Date Issued _____

Annual Pool Inspection _____

Date of Grounding and Bonding _____

Certification _____

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 Elec. Contractor [] Certifd Landscape Irrigation Contr'r [] Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

Coil & Condenser Replacement

QTY. SIZE ITEMS

Lighting Fixtures

Receptacles

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

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

1 2.5 ton coil disconnect

Administrative Surcharge \$

Minimum Fee \$

State Permit Surcharge Fee \$

TOTAL FEE \$

FEE (Office Use Only)

[Hatched area]

[Hatched area]

[Hatched area]

[Hatched area]

[Hatched area]

[Hatched area]

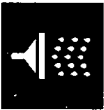
[Hatched area]

[Hatched area]

Date Received Control # 725
Date Issued Permit # 9/26/11
11-2888



PLUMBING SUBCODE
TECHNICAL SECTION



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

Block 1110.07 Lot 10 Qualification Code _____
Work Site Location 1605 Walter Rd Buck

City 1110.07 State PA Zip 19001

Address 1605 Walter Rd e-mail Buck Municipality Buck

Contractor Carle Temp Hvac Tel. 72 347-1448

Address 103 Lacey Rd Whitney

Contractor License No. 48106353 Exp. Date _____

Home Improvement Contractor Registration No. or Exemption Reason (if applicable): _____

Federal Emp. ID No. _____ FAX: () _____

B. PLUMBING CHARACTERISTICS

Use Group _____ Present _____ Proposed _____

Building Sewer Size _____ Public Sewer _____ Private Septic _____

Water Service Size _____ Public Water _____ Private Well _____

Est. Cost of Plumbing Work \$ 25

JOB SUMMARY (Office Use Only)		INSPECTIONS		Dates (Month/Day)	
PLAN REVIEW	DATE	Type	Failure	Approval	Initial
☒ No Plans Required		Slab			
☒ Partial Under-slab Utilities Approved		Rough			
Date: _____	Approved by: _____	Water			
☒ Plumbing Plans Approved		Sewer			
Date: _____	Approved by: _____	Fixtures			
Joint Plan Review Required		Gas Equipment			
☒ Bldg. ☒ Elec. ☒ Fire. ☒ Elev.		Gas Piping			
SUBCODE APPROVAL FOR PERMIT		Gas Tank			
Date: <u>9-22-11</u>	Approved by: <u>SW</u>	Fuel Oil Piping			
SUBCODE APPROVAL FOR CERTIFICATE		Solar			
☒ CO ☒ CCO ☒ CA		TCO			
Date: <u>10-18-11</u>	Approved by: <u>WOL</u>	FINAL			

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 Plumbing Contractor [] Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

Coil & Condenser Replacement

FIXTURE/EQUIPMENT

Water Closet

Urinal/Bidet

Bath Tub

Lavatory

Shower

Floor Drain

Sink

Dishwasher

Drinking Fountain

Washing Machine

Hose Bibb

Water Heater

Fuel Oil Piping

Gas Piping

LPG Gas Tank

Steam Boiler

Hot Water Boiler

Sewer Pump

Interceptor/Separator

Backflow Preventer

Greasetrap

Sewer Connection

Water Service Connection

Stacks

Other

Other

Condenser to line

Coil

Condenser

Administrative Surcharge

Minimum Fee

State Permit Surcharge Fee

TOTAL FEE

FEE (Office Use Only)

\$

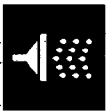
Date Received
Control #

Date Issued
Permit #

9/26/11
11-2888



PLUMBING SUBCODE
TECHNICAL SECTION



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

Block 1170-07 Lot 10 Qualification Code _____
Work Site Location 165 Walter Rd
Owner in Fee 165 Walter Rd

Tel. [redacted] e-mail [redacted]
Address 165 Walter Rd Municipality Buck Zip Code 732
Contractor Cole Temp Hvac Tel. 732-349-1448
Address 103 Lacey Rd Exp. Date _____
Contractor License No. 048126353
Home Improvement Contractor Registration No. or Exemption Reason (if applicable): _____
Federal Emp. ID No. _____ FAX: () _____

B. PLUMBING CHARACTERISTICS

Use Group _____ Present _____ Proposed _____
Building Sewer Size _____ Public Sewer _____ Private Septic _____
Water Service Size _____ Public Water _____ Private Well _____
Est. Cost of Plumbing Work \$ 35-

JOB SUMMARY (Office Use Only)		INSPCTIONS		Dates (Month/Day)	
PLAN REVIEW	TYPE	Slab	Rough	Water	Initial
☒ No Plans Required	☒ Partial Underslab Utilities Approved	☒	☒	☒	☒
Date _____	Approved by _____	☒	☒	☒	☒
☒ Plumbing Plans Approved	☒ Approved by _____	☒	☒	☒	☒
Date _____	Joint Plan Review Required: _____	☒	☒	☒	☒
☒ 1 Bldg. 1 Elec. 1 Fire. 1 Elev.	SUBCODE APPROVAL FOR PERMIT	☒	☒	☒	☒
Date _____	Approved by _____	☒	☒	☒	☒
☒ 1 CO. 1 CGO. 1 CA	SUBCODE APPROVAL FOR CERTIFICATE	☒	☒	☒	☒
Date _____	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.

[] Licensed Plumbing Contractor [] Exempt Applicant
Applicant's Signature/Contractor's Seal and Signature
[Signature]

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

coil & condenser
Replacement

QTY. FIXTURE/EQUIPMENT

Water Closet _____
Urinal/Bidet _____
Bath Tub _____
Lavatory _____
Shower _____
Floor Drain _____
Sink _____
Dishwasher _____
Drinking Fountain _____
Washing Machine _____
Hose Bibb _____
Water Heater _____
Fuel Oil Piping _____
Gas Piping _____
LPG Gas Tank _____
Steam Boiler _____
Hot Water Boiler _____
Sewer Pump _____
Interceptor/Separator _____
Backflow Preventer _____
Greasetrap _____
Sewer Connection _____
Water Service Connection _____
Stacks _____
Other _____
Other _____

Condenser & coil

Administrative Surcharge \$ _____
Minimum Fee \$ _____
State Permit Surcharge Fee \$ _____
TOTAL FEE \$ _____

FEE (Office Use Only)
\$ _____

Date Received 9/26/11
Control # _____
Date Issued 11-2888
Permit # _____



PLUMBING SUBCODE TECHNICAL SECTION

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

Block 1170-07 Lot 103 Qualification Code 1605
Work Site Location Walter Rd
Owner in Fee: John D

Address 1103 Walter Rd Municipality Buck Zip Code 34914
Contractor: Gene Temp HVAC Tel. 732 349-1448
Address 103 Lacey Rd Whitehall
Contractor License No. 04812103535 Exp. Date 12/31/03
Home Improvement Contractor Registration No. or Exemption Reason (if applicable):
Federal Emp. ID No. FAX: ()

B. PLUMBING CHARACTERISTICS

Use Group Present Proposed
Building Sewer Size Public Sewer Private Septic
Water Service Size Public Water Private Well
Est. Cost of Plumbing Work \$ 95-

JOB SUMMARY (Office Use Only)		INSPECTIONS		Dates (Month/Day)	
PLAN REVIEW	DATE	Type	Slab	Failure	Approval
☐ No Plans Required					
☐ Partial - Under Slab Utilities Approved					
Date	Approved by				
☐ Plumbing Plans Approved					
Date	Approved by				
Joint Plan Review Required:					
☐ Blg	☐ Elec	☐ Fire	☐ Elev		
SUBCODE APPROVAL FOR PERMIT					
Date	Approved by				
SUBCODE APPROVAL FOR CERTIFICATE					
☐ CC	☐ CGO	☐ CA			
Date	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.

[] Licensed Plumbing Contractor [] Exempt Applicant
Applicant's Signature: Gene Temp Contractor's Seal and Signature

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

Coil & Condenser Replacement

QTY. FIXTURE/EQUIPMENT

Water Closet	
Urinal/Bidet	
Bath Tub	
Lavatory	
Shower	
Floor Drain	
Sink	
Dishwasher	
Drinking Fountain	
Washing Machine	
Hose Bibb	
Water Heater	
Fuel Oil Piping	
Gas Piping	
LPG Gas Tank	
Steam Boiler	
Hot Water Boiler	
Sewer Pump	
Interceptor/Separator	
Backflow Preventer	
Greasetrap	
Sewer Connection	
Water Service Connection	
Stacks	
Other	
Other	

Condenser to line

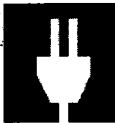
Administrative Surcharge \$
Minimum Fee \$
State Permit Surcharge Fee \$
TOTAL FEE \$

FEE (Office Use Only)
\$

Date Received Control #
Date Issued Permit #
9/26/11
11-2888



ELECTRICAL SUBCODE TECHNICAL SECTION



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

Block 170.64 of 10 Qualification Code _____

Work Site Location 165 Walter Rd Buck

Owner's Name 165 Walter Rd

Te [REDACTED] e-mail Buck

Address 165 Walter Rd street zip code _____

Contractor: _____

Address _____

Contractor License No. _____

Home Improvement Contractor Registration No. or Exemption Reason (if applicable): _____

Federal Emp. ID No. _____ FAX: (_____) _____

B. ELECTRICAL CHARACTERISTICS

Use Group Present _____ Proposed _____

[] Pole/Pad # _____ [] Temporary [] Other _____

Building Occupied as _____ Utility Co. 90

Est. Cost of Elec. Work \$ _____

JOB SUMMARY (Office Use Only)

PLAN REVIEW	INSPECTIONS	Dates (Month/Day)
[] No Plans Required	Type:	Failure Approval Initial
[] Partial - Underslab Utilities Approved	Rough	
Date: _____	Barrier-Free	
[] Electric Plans Approved	Trench	
Date: _____	Temp. Serv.	
[] Approved by: _____	Constr. Serv.	
Joint Plan Review Required:	TCO	
[] Bldg. [] Plumb. [] Fire. [] Elev.	Other	
SUBCODE APPROVAL for PERMIT	Service	
Date: <u>7/29/15</u>	Final	
Approved by: _____	Barrier-Free	
SUBCODE APPROVAL for CERTIFICATE	Temp. Cut-in-Card Date Issued	
[] CO [] CCO [] CA	Final Cut-in-Card Date Issued	
Date: _____	Annual Pool Inspection	
Approved by: _____	Date of Grounding and Bonding Certification	

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: [Signature]

Licensed Elec. Contractor [] Certifd Landscape Irrigation Contr [] Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

coil & condenser
Replacements

FEE (Office Use Only)

QTY. SIZE ITEMS

Lighting Fixtures _____

Receptacles _____

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 Over/Surface Unit _____

KW Elec. Water Heater _____

KW Elec. Dryer/Receptacle _____

KW Dishwasher _____

HP Garbage Disposal _____

KW Central A/C Unit 2.500

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 _____

1 2.500 coil
disconnect

Administrative Surcharge \$ _____

Minimum Fee \$ _____

State Permit Surcharge Fee \$ _____

TOTAL FEE \$ _____

Date Received
Control #

Date Issued
Permit #

725
9/26/11
11-2888



ELECTRICAL SUBCODE TECHNICAL SECTION



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

Block 1170.64 Lot 10 Qualification Code _____

Work Site Location 165 Walter Rd Buck

Owner in Fee: None

Ti _____ e-mail _____

Address 165 Walter Rd Buck street municipality zip code _____

Contractor: _____

Address _____

Contractor License No. _____ Date _____

Home Improvement Contractor Registration No. or Exemption Reason (if applicable): _____

Federal Emp. ID No. _____ FAX: () _____

B. ELECTRICAL CHARACTERISTICS

Use Group Present _____ Proposed _____

[] Pole/Pad # _____ [] Temporary [] Other _____

Building Occupied as _____ Utility Co. _____

Est. Cost of Elec. Work \$ 90

JOB SUMMARY (Office Use Only)

PLAN REVIEW

[] No Plans Required

[] Partial - Underslab Utilities Approved

Date: _____ Approved by: _____

[] Electric Plans Approved

Date: _____ Approved by: _____

Joint Plan Review Required:

[] Bldg. [] Plumb. [] Fire. [] Elev.

SUBCODE APPROVAL for PERMIT

Date: 9/10/11

Approved by: _____

SUBCODE APPROVAL for CERTIFICATE

[] CO [] CCO [] CA

Date: _____

Approved by: _____

Temp. Cut-in-Card Date Issued _____

Final Cut-in-Card Date Issued _____

Annual Pool Inspection _____

Date of Grounding and Bonding _____

Certification _____

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: Robert T. Brown

Applicant's Signature: Contractor's Seal and Signature

[] Licensed Elec. Contractor [] Certif'd Landscape Irrigation Contr'r [] Exempt Applicant

Date Received
Control #

Date Issued
Permit #

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

coil & condenser
replacement

QTY. SIZE ITEMS

Lighting Fixtures

Receptacles

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

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

1.25 in coil
disconnect

Administrative Surcharge \$

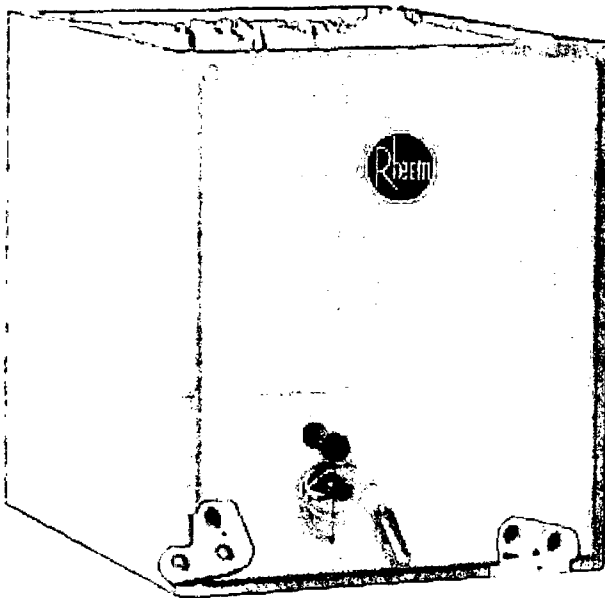
Minimum Fee \$

State Permit Surcharge Fee \$

TOTAL FEE \$

INDOOR COILS

RCFL- featuring
Industry Standard
R-410A Refrigerant ~~R-410A~~



CASED/UNCASED COILS FOR GAS AND OIL FURNACES

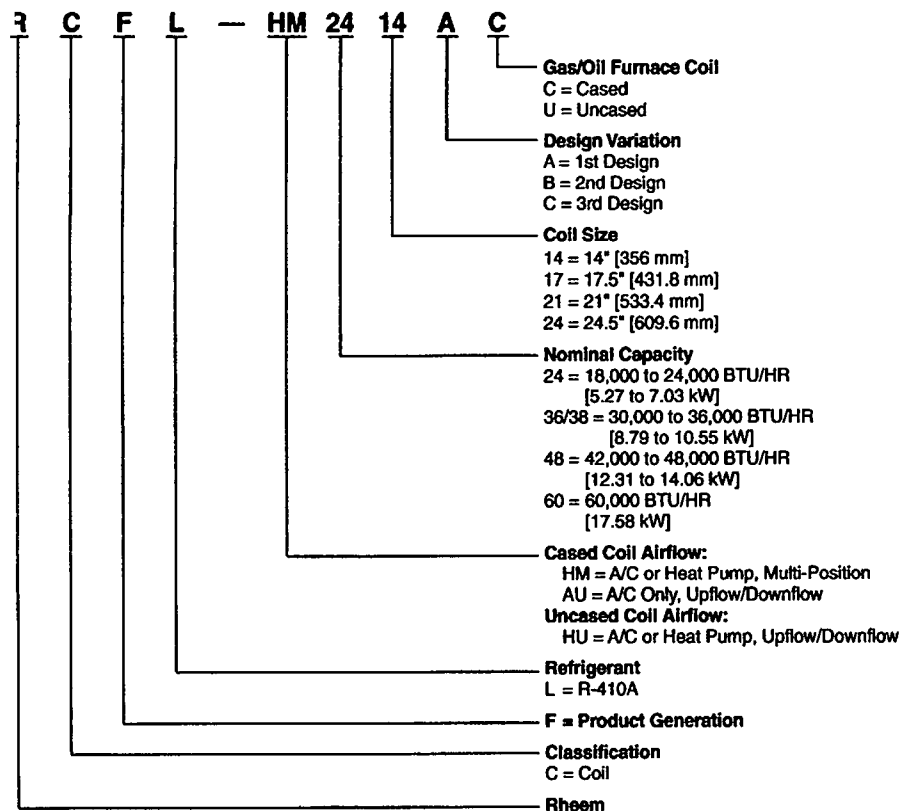
AIRFLOW CAPACITIES
600-1,900 CFM
[283-897 L/s]

Rheem® Indoor Coils are designed for use with Rheem outdoor units and are available for vertical upflow or downflow, and horizontal left or horizontal right airflow. When matched with Rheem outdoor units, the coils provide a nominal capacity range from 18,000 BTU/HR [5.24 kW] to 60,000 BTU/HR [17.58 kW].

- Constructed of aluminum fins bonded to internally grooved copper tubing.
- Coils are tested at the factory with an extensive refrigerant leak check.
- Coils have sweat refrigerant connections.
- Ideally suited for new installations or add on air conditioning.
- Feature two sets of 3/4" [14.1 mm] N.P.T. Condensate drain connections for ease of connection.
- Coils are AHRI certified for system application with variety of Rheem outdoor units.
- Condensate drain pan is constructed of high grade, heat resistant, corrosion free thermal-set material.
- Compatible with Germicidal Light System (UV resistant)
- Bi-Directional airflow eliminates the need to switch any internal components from horizontal left to right.
- Unique drain pan design maximizes application flexibility and condensate removal.
- Universal Duct Flanges are included with all coil models.



MODEL NUMBER DATA



Available Models of RCFL Coils	
RCFL-HM2414CC	RCFL-HM3621CC
RCFL-HU2414CU	RCFL-HU3621CU
RCFL-HM2417CC	RCFL-HM3821CC
RCFL-HU2417CU	RCFL-HU3821CU
RCFL-HM2617CC	RCFL-HM3824CC
RCFL-HU2617CU	RCFL-HU3824CU
RCFL-HM2621CC	RCFL-HM4821CC
RCFL-HU2621CU	RCFL-HU4821CU
RCFL-AU3617CC	RCFL-HM4824CC
RCFL-HM3617CC	RCFL-HU4824CU
RCFL-HU3617CU	RCFL-HM6024CC
RCFL-AU3621CC	RCFL-HU6024CU

Table 1: Coil Specifications/Airflow Pressure Drop

Coil Model RCFL	Approx. Design Air Flow CFM [L/s] Range	Face Area Sq. Ft. [m²]	Fins-In. Rows Deep	Static Pressure Drop Through Wet Cooling Coil [kPa] (Inches W.C.) CFM [L/s]													
				600 [285]	700 [330]	800 [380]	900 [425]	1000 [470]	1100 [519]	1200 [565]	1300 [614]	1400 [660]	1500 [708]	1600 [755]	1700 [802]	1800 [850]	1900 [897]
HIGH EFFICIENCY COOLING COILS																	
2414	600/1000 [283/472]	4.56 [0.42]	16/2	.17 [.043]	.21 [.053]	.25 [.063]	.31 [.080]	.40 [.100]	.46 [.117]	—	—	—	—	—	—	—	—
2417	600/1000 [283/472]	4.56 [0.42]	16/2	.15 [.039]	.19 [.049]	.23 [.059]	.30 [.076]	.38 [.096]	.45 [.113]	—	—	—	—	—	—	—	—
2617/3617	900/1400 [424/661]	5.70 [0.53]	16/2	—	—	.17 [.043]	.21 [.053]	.26 [.064]	.31 [.080]	.36 [.092]	.41 [.103]	—	—	—	—	—	—
2621/3621	900/1400 [424/661]	5.70 [0.53]	16/2	—	—	.15 [.038]	.18 [.047]	.23 [.058]	.27 [.069]	.31 [.080]	.37 [.094]	—	—	—	—	—	—
3821/4821	1200/1800 [566/850]	8.55 [0.79]	16/2	—	—	—	—	—	—	.22 [.056]	.25 [.063]	.28 [.071]	.32 [.081]	.36 [.092]	.41 [.103]	—	—
3824/4824	1200/1800 [566/850]	8.55 [0.79]	16/2	—	—	—	—	—	—	.22 [.056]	.25 [.063]	.28 [.071]	.32 [.081]	.32 [.081]	.41 [.103]	—	—
6024	1600/1900 [755/897]	9.98 [0.93]	14/3	—	—	—	—	—	—	—	—	—	—	.27 [.070]	.30 [.076]	.34 [.084]	.37 [.094]

NOTE: Represents Coil-Only Airflow Ratings

[] Designates Metric Conversions

Table 2: Coil Dimensions and Weights

Coil Model RCFL	Connections		Cased Coil Dimensions (in.) [mm]			Weight	
	Sweat (in.) [mm]		A	B	C	Coil Weight (lbs.) [Kg.]	Shipping Weight (lbs.) [Kg.]
	Liquid I.D.	Suction I.D.					
2414*	3/8 [9.53]	3/4 [19.05]	14 [356]	21 [533]	23 3/16 [584]	46 [21]	50 [23]
2417	3/8 [9.53]	3/4 [19.05]	17 1/2 [445]	14 1/2 [368]	20 [508]	46 [21]	51 [23]
2617/3617	3/8 [9.53]	3/4 [19.05]	17 1/2 [445]	17 7/8 [454]	20 [508]	52 [24]	57 [26]
2621/3621	3/8 [9.53]	3/4 [19.05]	21 [533]	17 1/2 [445]	20 [508]	54 [24]	60 [27]
3821/4821	3/8 [9.53]	7/8 [22.23]	21 [533]	25 7/8 [657]	28 [711]	76 [34]	83 [38]
3824/4824	3/8 [9.53]	7/8 [22.23]	24 1/2 [622]	25 3/8 [645]	32 [812]	89 [40]	99 [45]
6024	3/8 [9.53]	7/8 [22.23]	24 1/2 [622]	30 1/4 [768]	32 [812]	108 [49]	118 [55]

*The 14 inch, 2 ton RCFL coil (2414) is part of the "N-Coil" design series, even though the coil shape resembles an "A" coil design.

FIGURE 1: DIMENSIONS

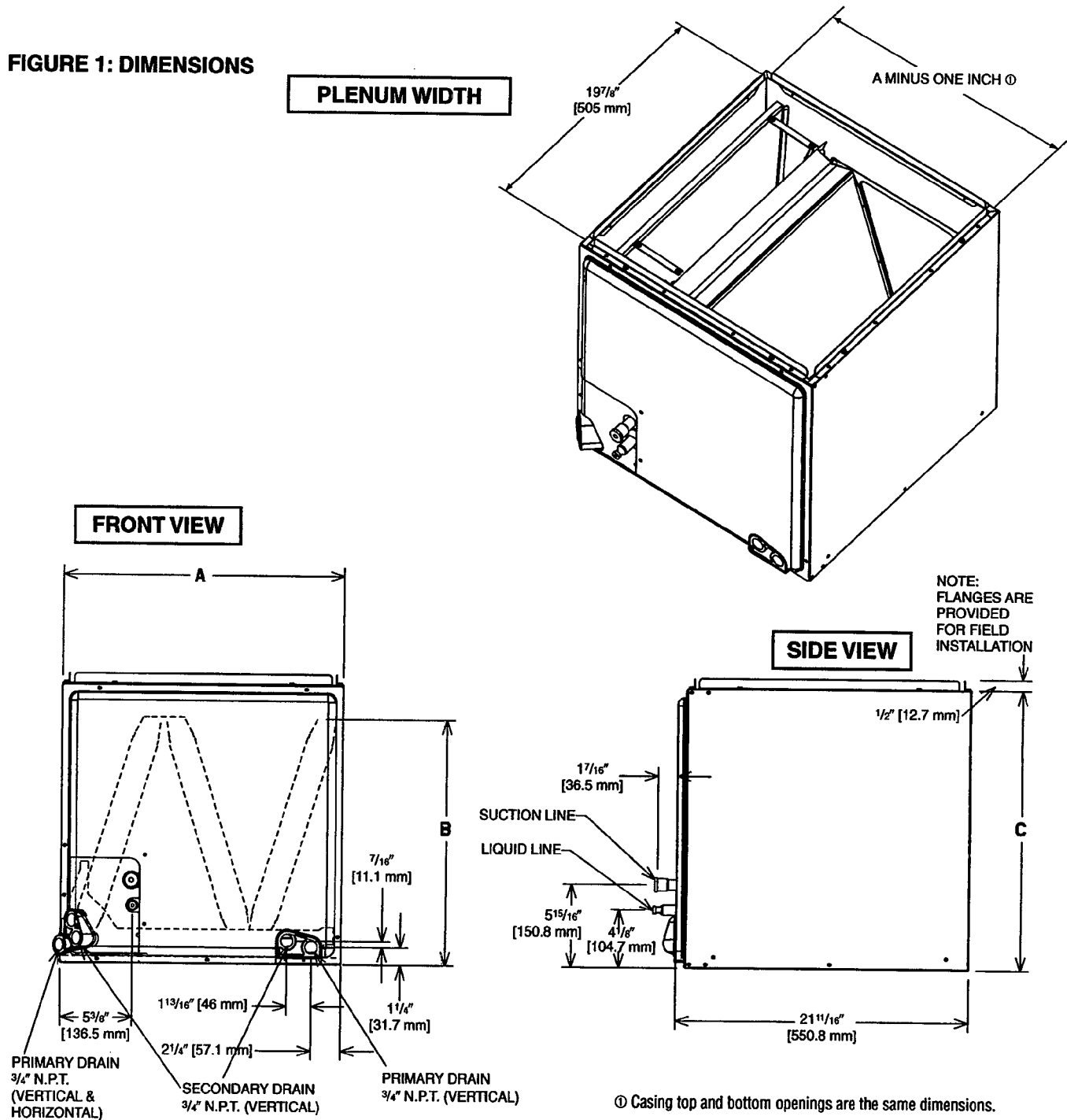


Table 3: Coil Application

Coils can be matched to heating products as listed in table below.

Coil Model RCFL	Furnace Width (in.) (mm)	
	Oil	Gas
2414 2417 2617 3617		14 [356]
2417 2617 3617	21 [533]	17 1/2 [444] 14 [356]
2621 3621 3821 4821	21 [533]	21 [533] 17 1/2 [444]
3824 4824 6024	24 1/2 [622]	24 1/2 [622] 21 [533]

*Note: Due to the proximity of the drain pan to the high temperature oil furnace drain, horizontal left application is not permitted on all oil furnaces.

Accessories

• PLENUM ADAPTER ACCESSORY RXBA-AE

This plenum adapter accessory is for use with the 24 1/2" wide cased indoor cooling and heat pump coils. This allows a 24 1/2" wide cased coil to be installed on a 28" wide oil furnace. This is a field-installed accessory only.

• RXBA-AC (Upflow/Horizontal)

These plenum adapter accessories are for use when a cooling coil is matched with a gas furnace of one smaller size.

• HORIZONTAL ADAPTER KIT RXHH (See Figure 2)

This horizontal adapter kit is used to convert a upflow or downflow coil for a horizontal application. See Table 4 to order the proper horizontal adapter kit.

*Note: The horizontal adapter kit cannot be used for RCFL-AU****BC applications. It can only be used on RCFL-AU****AC applications and for RCFL-HU****AC applications.

• INDOOR COIL CASING- RXBC (See Table 5)

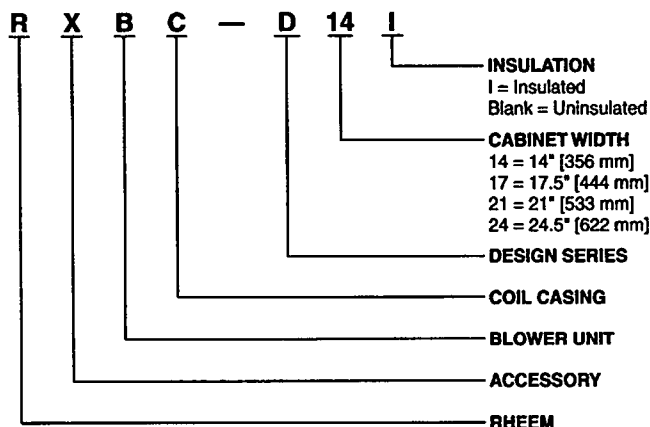


Table 4: Horizontal Adapter Kit Model No.

Coil Model	Horizontal Adapter Kit Model No.
2414	RXHH-A01
2417	RXHH-A02
2617/2621/3617/3621	RXHH-A03
3821/3824/4821/4824	RXHH-A04
6024	RXHH-A05

FIGURE 2: HORIZONTAL ADAPTER KIT ILLUSTRATION

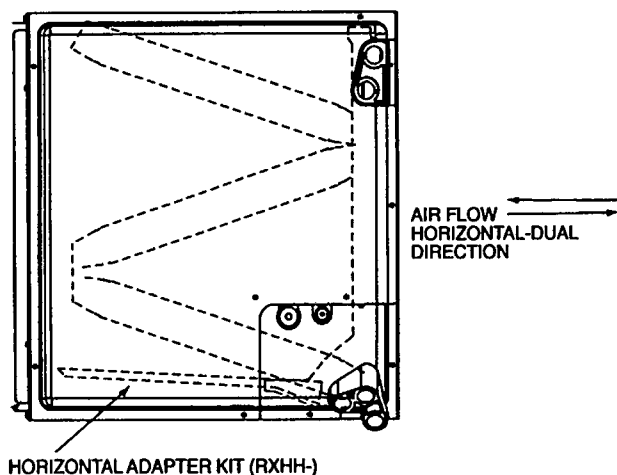


Table 5: Unit Dimensions and Weights- RXBC Indoor Coil Casings

Model Number	Width (in.) (mm)	Height (in.) (mm)	Depth (in.) (mm)	Unit Weight		Supply Air/Return Air Openings	
				Weight (lbs.) (Kg.)	Ship. Wt. (lbs.) (Kg.)	Width (in.) (mm)	Depth (in.) (mm)
RXBC-D14AI	14 [356]	23 9/16 [589]	21 5/8 [549]	19 [9]	23 [10]	13 [330]	19 31/32 [508]
RXBC-D17AI	17 1/2 [445]	20 [508]		18 [8]	23 [10]	16 1/2 [419]	
RXBC-D21AI	21 [533]	20 [508]		20 [9]	26 [12]	20 [508]	
RXBC-D21BI	21 [533]	28 [711]		27 [12]	36 [17]	20 [508]	
RXBC-D24AI	24 1/2 [622]	32 1/2 [826]		34 [16]	44 [20]	23 1/2 [597]	

[] Designates Metric Conversions

Accessories (cont.)

• TXV REPLACEMENT KITS

R-410A		
Coil Model	TXV Kit	Obsolete Kit Part No.
RC*L-**24*	RXCT-FBA	611020
RC*L-**36*	RXCT-FBB	611021
RC*L-**48*	RXCT-FBC	611022
RC*L-**60*	RXCT-FBD	611023

NOTE: Valve can be R-22 or R-410A if date code is M2308 or later.

[] Designates Metric Conversions

Table 6: Uncased Coil Adapter Kit

Uncased Coil Adapter Model Number RXBA	A Width (in.) (mm)	Uncased Coil Model RCFL
B14x20	13 ¹ / ₈ [333]	-HUxx14
B17x20	16 ⁵ / ₈ [422]	-HUxx17
B21x20	20 ¹ / ₈ [511]	-HUxx21
B24x20	23 ⁵ / ₈ [599]	-HUxx24

Accessories (cont.)

• UNCASSED COIL ADAPTER KIT

RXBA- (See Figure 3 & 4)

This uncased coil adapter kit is used to adapt the coil to a furnace or ductwork. See Table 6 to order the proper adapter kit. Each kit contains a quantity of 20 adapters.

FIGURE 3: UNCASSED COIL ADAPTER KIT ILLUSTRATION

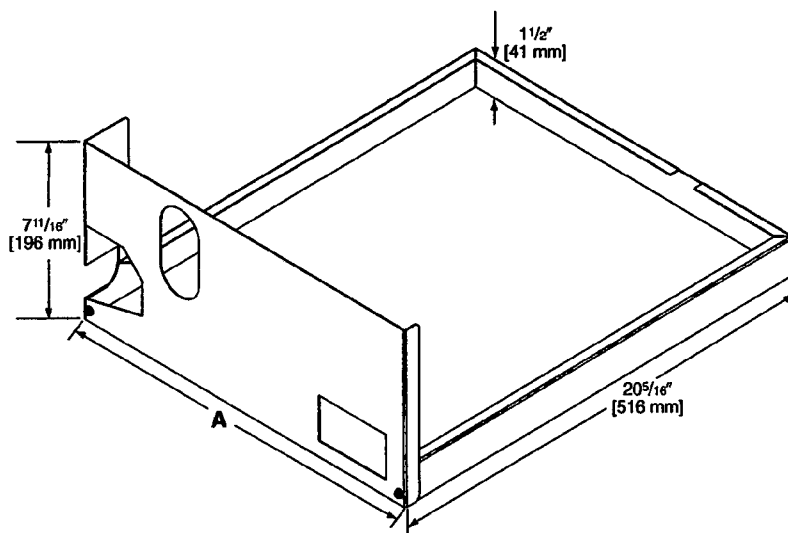
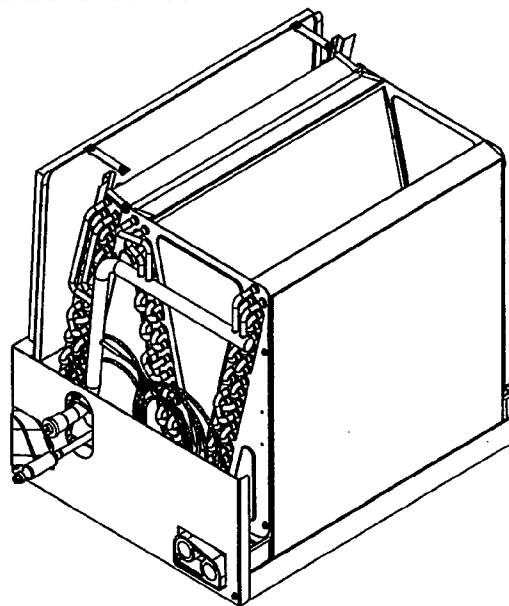


FIGURE 4: UNCASSED COIL ADAPTER KIT ASSEMBLED



Note: Sliding the coil into the coil rail before attaching coil rack front.

[] Designates Metric Conversions

CONDENSING UNITS

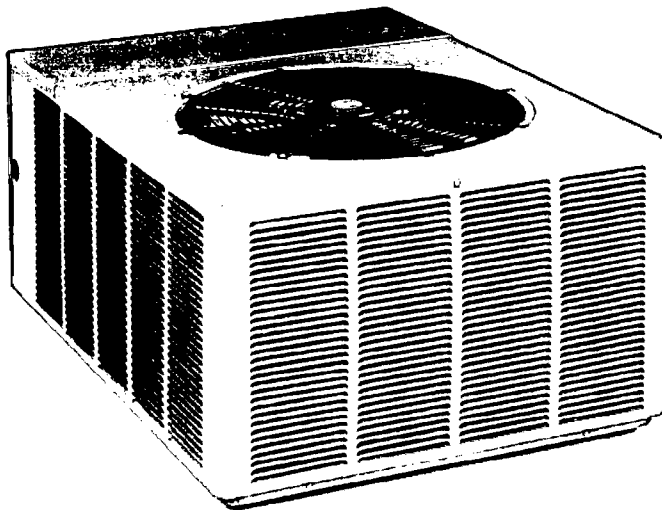


RANL- *AZ R-410A

13 SEER Models
Nominal Sizes 1½ to 5 Tons
[5.28 kW] to [17.6 kW]

Seven Models

Cooling Capacities
18,300 to 62,000 BTU/HR
[5.36 kW] to [18.17 kW]

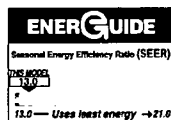


The Rheem *Classic® Series* High Efficiency RANL- Condensing Units were designed with performance in mind. These units offer comfort, energy conservation and dependability for single, multi-family and light commercial applications.

These units also contain the most advanced alternate refrigerant which contains no chlorofluorocarbons (CFCs), or hydrochlorofluorocarbons (HCFCs), or other compounds that may leak from air-conditioning systems and potentially harm the protective ozone layer of the Earth's atmosphere.

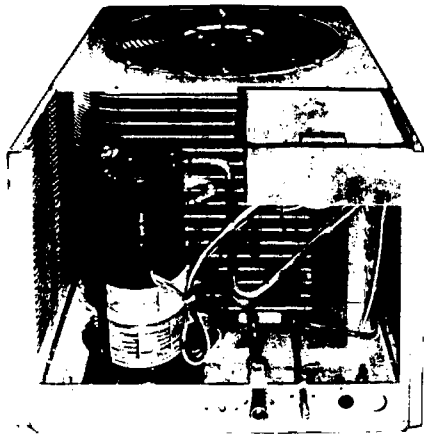
The Rheem *Classic® Series* RANL- Condensing Units are the result of an ongoing development program for improved efficiencies. These units are flexible enough to achieve up to 15.00 SEER in specific match-ups, continuing a tradition of high efficiency.

- 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.
- 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 8-pole fan motor designed for low speed, quiet, energy-saving operation.
- All models meet or exceed a 1000-hour salt spray test per ASTM B117 Standard Practice for Operating Salt Spray Testing Apparatus.

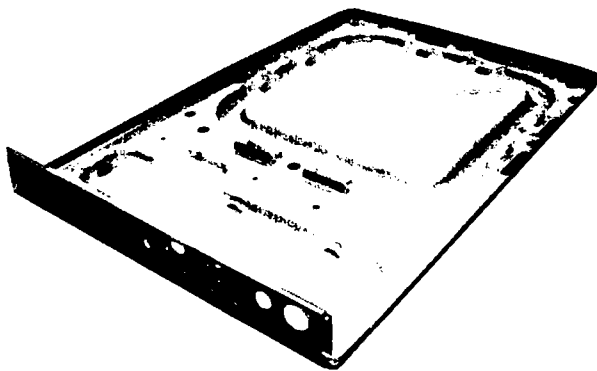


13 SEER MODELS
(IN CERTAIN MATCHED SYSTEMS)

"Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR criteria. Ask your Contractor for details or visit www.energystar.gov <<http://www.energystar.gov/>>."



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



Drawn Painted Base Pan.

Engineering Features

RANL- Series Condensing Units

1. This unit contains a special scroll compressor that is designed specifically to operate with R-410A refrigerants and polyolester (POE) oils. The 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. Automatic reset high and low pressure controls are standard on all models.
13. A liquid line filter drier is standard on all models (shipped – not installed).

Model Number Identification

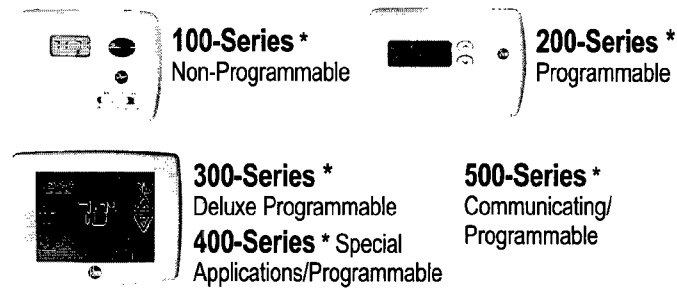
<u>R</u>	<u>A</u>	<u>N</u>	<u>L</u>	<u>—</u>	<u>018</u>
RHEEM	REMOTE CONDENSING UNIT	N = 13 SEER	DESIGN SERIES		COOLING CAPACITY
			L = R-410A		018 = 18,000 BTU/HR [5.28 kW] 024 = 24,000 BTU/HR [7.03 kW] 031 = 30,000 BTU/HR [8.79 kW] 037 = 36,000 BTU/HR [10.55 kW] 043 = 42,000 BTU/HR [12.31 kW] 049 = 48,000 BTU/HR [14.07 kW] 060 = 60,000 BTU/HR [17.58 kW]

<u>J</u>	<u>A</u>	<u>Z</u>
ELECTRICAL DESIGNATION	VARIATIONS	COOLING CONNECTION FITTING
J = 208/230V-1-60 C = 208/230V-3-60 (RANL MODELS ONLY) D = 460V-3-60 (RANL MODELS ONLY) Y = 575V-3-60 (RANL 4 & 5 TON MODELS ONLY)	A-SERIES = FULL-FEATURED	Z = SWEAT W/SCROLL

[] Designates Metric Conversions

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)
- **Thermostats—**



- **Low Ambient Control**—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]. It is recommended that this control be installed in units to be operated at outdoor ambient temperatures under 65°F (18°C). (Model No. RXAD-A08)
- **Hard Start Components**—(Available through PROSTOCK®)
- **Compressor Crankcase Heater (CCH)**—While scroll compressors usually do not require crankcase heaters, there are instances when a heater should be added. Refrigerant migration during the off cycle can result in a noisy start up. Add a crankcase heater to minimize refrigeration migration, and to help eliminate any start up noise or bearing "wash out". (Available through PROSTOCK®)

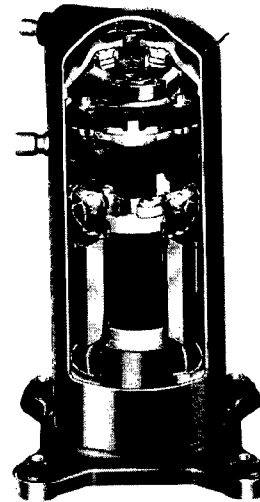
Brand	Unique Model Number Prefix	Descriptor (3 Characters)	Series (3 Characters)	System (2 Characters)	Type (2 Characters)
RHC	-	TST	101	GE	MS
RHC=Rheem		TST=Thermostat	100=Non-Programmable	GE=Gas/Oil/Electric	SS=Single-Stage MS=Multi-Stage
			200=Programmable	HP=Heat Pump	
			300=Deluxe Programmable	MD=Modulating Furnace	
			400=Special Applications/Programmable	DF=Dual Fuel	
			500=Communicating/Programmable	UN=Universal ACHP/GE CM=Communicating	

* Photos are representative. Actual models may vary.

For detailed thermostat match-up information, see specification sheet form number T11-001.

SCROLL® COMPRESSOR

The 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 scroll compressor also has low start torque, reducing start problems in the field. And its unique design enables the RANL- condensing units to perform efficiently, quietly and dependably. RANL- *AZ has a 10-year compressor warranty.



Performance Data @ ARI Standard Conditions—Cooling: RANL-

Outdoor Unit RANL-	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 dB	Indoor CFM [L/s]
	Indoor Coil and/or Air Handler	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	EER	SEER		
Revised 9/12/2008								
018JAZ	RCFL-H*2417A* ①	18,400 [5.4]	13,200 [3.9]	5,200 [1.5]	11.30	13.00	74	600 [283]
	RCFL-A*2414B*	18,400 [5.4]	13,200 [3.9]	5,200 [1.5]	11.30	13.00	74	600 [283]
	RCFL-A*2417B*	18,400 [5.4]	13,200 [3.9]	5,200 [1.5]	11.30	13.00	74	600 [283]
	RCFL-A*2417B* (RGFD-06?MCK?)	18,800 [5.5]	13,500 [4.0]	5,300 [1.6]	12.50	14.00	74	600 [283]
	RCFL-A*2417B* (RGFD-07?MCK?)	18,800 [5.5]	13,500 [4.0]	5,300 [1.6]	12.50	14.00	74	600 [283]
	RCFL-A*2417B* (RGGD-06?MCK?)	18,900 [5.5]	13,550 [4.0]	5,350 [1.6]	12.65	14.50	74	600 [283]
	RCFL-A*2417B* (RGGD-07?MCK?)	18,900 [5.5]	13,550 [4.0]	5,350 [1.6]	12.55	14.00	74	625 [295]
	RCFL-A*2417B* (RGLR-07?AMK?)	18,900 [5.5]	13,550 [4.0]	5,350 [1.6]	12.70	14.50	74	600 [283]
	RCFL-A*2417B* (RGPR-05?BMK?)	18,800 [5.5]	13,500 [4.0]	5,300 [1.6]	12.40	14.00	74	600 [283]
	RCFL-A*2417B* (RGPR-07?AMK?)	18,900 [5.5]	13,550 [4.0]	5,350 [1.6]	12.65	14.50	74	600 [283]
	RCFL-H*2414A*	18,400 [5.4]	13,200 [3.9]	5,200 [1.5]	11.30	13.00	74	600 [283]
	RCFL-H*2417A* (RGFD-06?MCK?)	18,800 [5.5]	13,500 [4.0]	5,300 [1.6]	12.50	14.00	74	600 [283]
	RCFL-H*2417A* (RGFD-07?MCK?)	18,800 [5.5]	13,500 [4.0]	5,300 [1.6]	12.50	14.00	74	600 [283]
	RCFL-H*2417A* (RGGD-06?MCK?)	18,900 [5.5]	13,550 [4.0]	5,350 [1.6]	12.65	14.50	74	600 [283]
	RCFL-H*2417A* (RGGD-07?MCK?)	18,900 [5.5]	13,550 [4.0]	5,350 [1.6]	12.55	14.00	74	625 [295]
	RCFL-H*2417A* (RGJD-06?MCK?)	18,900 [5.5]	13,550 [4.0]	5,350 [1.6]	12.65	14.50	74	600 [283]
	RCFL-H*2417A* (RGJD-07?MCK?)	18,900 [5.5]	13,550 [4.0]	5,350 [1.6]	12.55	14.00	74	625 [295]
	RCFL-H*2417A* (RGLR-07?AMK?)	18,900 [5.5]	13,550 [4.0]	5,350 [1.6]	12.70	14.50	74	600 [283]
	RCFL-H*2417A* (RGPR-05?BMK?)	18,800 [5.5]	13,500 [4.0]	5,300 [1.6]	12.40	14.00	74	600 [283]
	RCFL-H*2417A* (RGPR-07?AMK?)	18,900 [5.5]	13,550 [4.0]	5,350 [1.6]	12.65	14.50	74	600 [283]
	RBHP-17 (RCHL-24A2)	18,500 [5.4]	13,000 [3.8]	5,500 [1.6]	12.35	14.00	74	650 [307]
	RCHL-24A2 (RGFD-06?MCK?)	18,300 [5.4]	12,800 [3.8]	5,500 [1.6]	12.25	14.00	74	600 [283]
	RCHL-24A2 (RGFD-07?MCK?)	18,300 [5.4]	12,850 [3.8]	5,450 [1.6]	12.25	14.00	74	600 [283]
	RCHL-24A2 (RGGD-06?MCK?)	18,300 [5.4]	12,850 [3.8]	5,450 [1.6]	12.40	14.00	74	600 [283]
	RCHL-24A2 (RGGD-07?MCK?)	18,300 [5.4]	12,850 [3.8]	5,450 [1.6]	12.35	14.00	74	625 [295]
	RCHL-24A2 (RGJD-06?MCK?)	18,300 [5.4]	12,850 [3.8]	5,450 [1.6]	12.40	14.00	74	600 [283]
	RCHL-24A2 (RGJD-07?MCK?)	18,300 [5.4]	12,850 [3.8]	5,450 [1.6]	12.35	14.00	74	625 [295]
	RCHL-24A2 (RGPR-05?BMK?)	18,300 [5.4]	12,800 [3.8]	5,500 [1.6]	12.15	14.00	74	600 [283]
	RCHL-24A2 (RGPR-07?AMK?)	18,300 [5.4]	12,850 [3.8]	5,450 [1.6]	12.40	14.00	74	600 [283]
	RCQD-2417A*	18,700 [5.5]	13,700 [4.0]	5,000 [1.5]	11.20	13.00	74	600 [283]
	RCQD-2417A* (RGFD-06?MCK?)	19,100 [5.6]	14,000 [4.1]	5,100 [1.5]	12.45	14.50	74	600 [283]
	RCQD-2417A* (RGFD-07?MCK?)	19,100 [5.6]	14,000 [4.1]	5,100 [1.5]	12.45	14.50	74	600 [283]
	RCQD-2417A* (RGJD-06?MCK?)	19,200 [5.6]	14,050 [4.1]	5,150 [1.5]	12.60	14.50	74	600 [283]
	RCQD-2417A* (RGJD-07?MCK?)	19,100 [5.6]	14,000 [4.1]	5,100 [1.5]	12.55	14.50	74	625 [295]
	RCQD-2417A* (RGPR-05?BMK?)	19,100 [5.6]	14,000 [4.1]	5,100 [1.5]	12.35	14.50	74	600 [283]
	RCQD-2417A* (RGPR-07?AMK?)	19,200 [5.6]	14,050 [4.1]	5,150 [1.5]	12.60	14.50	74	600 [283]
	17AHL24HM (RCSL-H*2417A*)	18,800 [5.5]	13,500 [4.0]	5,300 [1.6]	12.55	14.00	74	600 [283]
	17AHL18HM (RCSL-H*2417A*)	18,600 [5.4]	13,300 [3.9]	5,300 [1.6]	11.70	13.00	74	600 [283]
	RHKL-HM2417 (RCSL-H*2417A*)	19,100 [5.6]	13,750 [4.0]	5,350 [1.6]	12.75	14.50	74	650 [307]
	RHLL-HM2417 (RCSL-H*2417A*)	18,800 [5.5]	13,500 [4.0]	5,300 [1.6]	12.55	14.00	74	600 [283]
	RHSL-HM1817 (RCSL-H*2417A*)	18,600 [5.4]	13,300 [3.9]	5,300 [1.6]	11.70	13.00	74	600 [283]
024JAZ	RCFL-H*2417A* ①	23,800 [7.0]	16,900 [5.0]	6,900 [2.0]	11.35	13.00	72	800 [378]
	RCFL-A*2414B*	23,800 [7.0]	16,900 [5.0]	6,900 [2.0]	11.35	13.00	72	800 [378]
	RCFL-A*2417B*	23,800 [7.0]	16,900 [5.0]	6,900 [2.0]	11.35	13.00	72	800 [378]
	RCFL-A*2417B* (RGFD-06?MCK?)	24,400 [7.1]	17,350 [5.1]	7,050 [2.1]	12.05	14.00	72	800 [378]
	RCFL-A*2417B* (RGFD-07?MCK?)	24,600 [7.2]	17,400 [5.1]	7,200 [2.1]	12.15	14.00	72	800 [378]
	RCFL-A*2417B* (RGGD-06?MCK?)	24,600 [7.2]	17,450 [5.1]	7,150 [2.1]	12.30	14.00	72	800 [378]
	RCFL-A*2417B* (RGGD-07?MCK?)	24,600 [7.2]	17,450 [5.1]	7,150 [2.1]	12.25	14.00	72	800 [378]
	RCFL-A*2417B* (RGLR-07?AMK?)	24,600 [7.2]	17,500 [5.1]	7,100 [2.1]	12.50	14.00	72	800 [378]
	RCFL-A*2417B* (RGPR-05?BMK?)	24,600 [7.2]	17,400 [5.1]	7,200 [2.1]	12.15	14.00	72	775 [366]
	RCFL-A*2417B* (RGPR-07?AMK?)	24,600 [7.2]	17,500 [5.1]	7,100 [2.1]	12.40	14.00	72	800 [378]
	RCFL-H*2414A*	23,800 [7.0]	16,900 [5.0]	6,900 [2.0]	11.35	13.00	72	800 [378]
	RCFL-H*2417A* (RGFD-06?MCK?)	24,400 [7.1]	17,350 [5.1]	7,050 [2.1]	12.05	14.00	72	800 [378]
	RCFL-H*2417A* (RGFD-07?MCK?)	24,600 [7.2]	17,400 [5.1]	7,200 [2.1]	12.15	14.00	72	800 [378]
	RCFL-H*2417A* (RGGD-06?MCK?)	24,600 [7.2]	17,450 [5.1]	7,150 [2.1]	12.30	14.00	72	800 [378]

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

[] Designates Metric Conversions

Performance Data @ ARI Standard Conditions—Cooling: RANL- (continued)

Outdoor Unit RANL-	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 dB	Indoor CFM [L/s]
	Indoor Coil and/or Air Handler	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	EER	SEER		
Revised 9/12/2008								
024JAZ	RCFL-H*2417A* (RGGD-07?MCK?)	24,600 [7.2]	17,450 [5.1]	7,150 [2.1]	12.25	14.00	72	800 [378]
	RCFL-H*2417A* (RGJD-06?MCK?)	24,600 [7.2]	17,450 [5.1]	7,150 [2.1]	12.30	14.00	72	800 [378]
	RCFL-H*2417A* (RGJD-07?MCK?)	24,600 [7.2]	17,450 [5.1]	7,150 [2.1]	12.25	14.00	72	800 [378]
	RCFL-H*2417A* (RGLR-07?AMK?)	24,600 [7.2]	17,500 [5.1]	7,100 [2.1]	12.50	14.00	72	800 [378]
	RCFL-H*2417A* (RGPR-05?BMK?)	24,600 [7.2]	17,400 [5.1]	7,200 [2.1]	12.15	14.00	72	775 [366]
	RCFL-H*2417A* (RGPR-07?AMK?)	24,600 [7.2]	17,500 [5.1]	7,100 [2.1]	12.40	14.00	72	800 [378]
	RCHL-24A2	22,800 [6.7]	15,650 [4.6]	7,150 [2.1]	10.55	13.00	72	800 [378]
	RBHP-17 (RCHL-24A2)	23,400 [6.9]	16,050 [4.7]	7,350 [2.2]	11.65	14.00	72	825 [389]
	RCHL-24A2 (RGFD-06?MCK?)	23,200 [6.8]	16,100 [4.7]	7,100 [2.1]	11.45	14.00	72	800 [378]
	RCHL-24A2 (RGFD-07?MCK?)	23,200 [6.8]	16,150 [4.7]	7,050 [2.1]	11.55	14.00	72	800 [378]
	RCHL-24A2 (RGGD-06?MCK?)	23,400 [6.9]	16,200 [4.7]	7,200 [2.1]	11.75	14.00	72	800 [378]
	RCHL-24A2 (RGGD-07?MCK?)	23,400 [6.9]	16,200 [4.7]	7,200 [2.1]	11.65	14.00	72	800 [378]
	RCHL-24A2 (RGJD-06?MCK?)	23,400 [6.9]	16,200 [4.7]	7,200 [2.1]	11.75	14.00	72	800 [378]
	RCHL-24A2 (RGJD-07?MCK?)	23,400 [6.9]	16,200 [4.7]	7,200 [2.1]	11.65	14.00	72	800 [378]
	RCHL-24A2 (RGLR-07?AMK?)	23,400 [6.9]	16,300 [4.8]	7,100 [2.1]	11.85	14.00	72	800 [378]
	RCHL-24A2 (RGPR-05?BMK?)	23,200 [6.8]	16,150 [4.7]	7,050 [2.1]	11.55	14.00	72	775 [366]
	RCHL-24A2 (RGPR-07?AMK?)	23,400 [6.9]	16,250 [4.8]	7,150 [2.1]	11.80	14.00	72	800 [378]
	RCQD-2417A*	24,600 [7.2]	17,850 [5.2]	6,750 [2.0]	11.20	13.00	72	800 [378]
	RCQD-2417A* (RGFD-06?MCK?)	25,000 [7.3]	18,100 [5.3]	6,900 [2.0]	12.10	14.00	72	800 [378]
	RCQD-2417A* (RGFD-07?MCK?)	25,200 [7.4]	18,300 [5.4]	6,900 [2.0]	12.15	14.50	72	800 [378]
	RCQD-2417A* (RGJD-06?MCK?)	25,200 [7.4]	18,300 [5.4]	6,900 [2.0]	12.35	14.50	72	800 [378]
	RCQD-2417A* (RGJD-07?MCK?)	25,200 [7.4]	18,300 [5.4]	6,900 [2.0]	12.25	14.50	72	800 [378]
	RCQD-2417A* (RGPR-05?BMK?)	25,200 [7.4]	18,300 [5.4]	6,900 [2.0]	12.20	14.50	72	775 [366]
	RCQD-2417A* (RGPR-07?AMK?)	25,200 [7.4]	18,250 [5.3]	6,950 [2.0]	12.40	14.50	72	800 [378]
	17AHL24HM (RCSL-H*2417A*)	24,800 [7.3]	17,600 [5.2]	7,200 [2.1]	12.80	15.00	72	775 [366]
	17AHS24HM (RCSL-H*2417A*)	24,200 [7.1]	17,250 [5.1]	6,950 [2.0]	11.65	13.00	72	800 [378]
	RHKL-HM2417 (RCSL-H*2417A*)	24,800 [7.3]	17,650 [5.2]	7,150 [2.1]	12.45	14.00	72	850 [401]
	RHLL-HM2417 (RCSL-H*2417A*)	24,800 [7.3]	17,600 [5.2]	7,200 [2.1]	12.80	15.00	72	775 [366]
	RHSL-HM2417 (RCSL-H*2417A*)	24,200 [7.1]	17,250 [5.1]	6,950 [2.0]	11.65	13.00	72	800 [378]
031JAZ	RCFL-H*3617A* ①	28,800 [8.4]	21,150 [6.2]	7,650 [2.2]	10.95	13.00	73	1,000 [472]
	RCFL-A*3617B*	28,800 [8.4]	21,150 [6.2]	7,650 [2.2]	10.95	13.00	73	1,000 [472]
	RCFL-A*3617B* (RGFD-07?MCK?)	29,200 [8.6]	21,450 [6.3]	7,750 [2.3]	11.40	13.50	73	1,000 [472]
	RCFL-A*3617B* (RGGD-06?MCK?)	29,200 [8.6]	21,450 [6.3]	7,750 [2.3]	11.45	13.50	73	1,000 [472]
	RCFL-A*3617B* (RGGD-07?MCK?)	29,000 [8.5]	21,300 [6.2]	7,700 [2.3]	11.35	13.50	73	1,025 [484]
	RCFL-A*3617B* (RGLR-07?AMK?)	29,200 [8.6]	21,450 [6.3]	7,750 [2.3]	11.65	13.50	73	1,025 [484]
	RCFL-A*3617B* (RGPR-07?AMK?)	29,200 [8.6]	21,450 [6.3]	7,750 [2.3]	11.65	13.50	73	1,000 [472]
	RCFL-A*3621B*	28,800 [8.4]	21,150 [6.2]	7,650 [2.2]	10.95	13.00	73	1,000 [472]
	RCFL-A*3621B* (RGFD-07?MCK?)	29,200 [8.6]	21,450 [6.3]	7,750 [2.3]	11.45	13.50	73	1,000 [472]
	RCFL-A*3621B* (RGGD-06?MCK?)	29,200 [8.6]	21,450 [6.3]	7,750 [2.3]	11.50	13.50	73	1,000 [472]
	RCFL-A*3621B* (RGGD-07?MCK?)	29,200 [8.6]	21,450 [6.3]	7,750 [2.3]	11.40	13.50	73	1,025 [484]
	RCFL-A*3621B* (RGLR-07?AMK?)	29,200 [8.6]	21,400 [6.3]	7,800 [2.3]	11.70	13.50	73	1,025 [484]
	RCFL-A*3621B* (RGLR-07?BRQ?)	29,400 [8.6]	21,600 [6.3]	7,800 [2.3]	12.00	14.00	73	1,000 [472]
	RCFL-A*3621B* (RGPR-05?BMK?)	29,000 [8.5]	21,250 [6.2]	7,750 [2.3]	11.40	13.50	73	1,000 [472]
	RCFL-A*3621B* (RGPR-07?AMK?)	29,200 [8.6]	21,450 [6.3]	7,750 [2.3]	11.70	13.50	73	1,000 [472]
	RCFL-A*3621B* (RGPR-07?BRQ?)	29,400 [8.6]	21,550 [6.3]	7,850 [2.3]	12.05	14.00	73	1,000 [472]
	RCFL-H*3617A* (RGFD-07?MCK?)	29,200 [8.6]	21,450 [6.3]	7,750 [2.3]	11.40	13.50	73	1,000 [472]
	RCFL-H*3617A* (RGGD-06?MCK?)	29,200 [8.6]	21,450 [6.3]	7,750 [2.3]	11.45	13.50	73	1,000 [472]
	RCFL-H*3617A* (RGGD-07?MCK?)	29,000 [8.5]	21,300 [6.2]	7,700 [2.3]	11.35	13.50	73	1,025 [484]
	RCFL-H*3617A* (RGJD-06?MCK?)	29,200 [8.6]	21,450 [6.3]	7,750 [2.3]	11.45	13.50	73	1,000 [472]
	RCFL-H*3617A* (RGJD-07?MCK?)	29,000 [8.5]	21,300 [6.2]	7,700 [2.3]	11.35	13.50	73	1,025 [484]
	RCFL-H*3617A* (RGLR-07?AMK?)	29,200 [8.6]	21,450 [6.3]	7,750 [2.3]	11.65	13.50	73	1,025 [484]
	RCFL-H*3617A* (RGLR-07?BRQ?)	29,400 [8.6]	21,600 [6.3]	7,800 [2.3]	11.95	14.00	73	1,000 [472]
	RCFL-H*3617A* (RGPR-07?AMK?)	29,200 [8.6]	21,450 [6.3]	7,750 [2.3]	11.65	13.50	73	1,000 [472]
	RCFL-H*3621A*	28,800 [8.4]	21,150 [6.2]	7,650 [2.2]	10.95	13.00	73	1,000 [472]
	RCFL-H*3621A* (RGFD-07?MCK?)	29,200 [8.6]	21,450 [6.3]	7,750 [2.3]	11.45	13.50	73	1,000 [472]

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

[] Designates Metric Conversions

Performance Data @ ARI Standard Conditions—Cooling: RANL- (continued)

Outdoor Unit RANL-	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 dB	Indoor CFM [L/s]
	Indoor Coil and/or Air Handler	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	EER	SEER		
Revised 9/12/2008								
031JAZ	RCFL-H*3621A* (RGGD-06?MCK?)	29,200 [8.6]	21,450 [6.3]	7,750 [2.3]	11.50	13.50	73	1,000 [472]
	RCFL-H*3621A* (RGGD-07?MCK?)	29,200 [8.6]	21,450 [6.3]	7,750 [2.3]	11.40	13.50	73	1,025 [484]
	RCFL-H*3621A* (RGJD-06?MCK?)	29,200 [8.6]	21,450 [6.3]	7,750 [2.3]	11.50	13.50	73	1,000 [472]
	RCFL-H*3621A* (RGJD-07?MCK?)	29,200 [8.6]	21,450 [6.3]	7,750 [2.3]	11.40	13.50	73	1,025 [484]
	RCFL-H*3621A* (RGLR-07?AMK?)	29,200 [8.6]	21,400 [6.3]	7,800 [2.3]	11.70	13.50	73	1,025 [484]
	RCFL-H*3621A* (RGLR-07?BRQ?)	29,400 [8.6]	21,600 [6.3]	7,800 [2.3]	12.00	14.00	73	1,000 [472]
	RCFL-H*3621A* (RGPR-05?BMK?)	29,000 [8.5]	21,250 [6.2]	7,750 [2.3]	11.40	13.50	73	1,000 [472]
	RCFL-H*3621A* (RGPR-07?AMK?)	29,200 [8.6]	21,450 [6.3]	7,750 [2.3]	11.70	13.50	73	1,000 [472]
	RCFL-H*3621A* (RGPR-07?BRQ?)	29,400 [8.6]	21,550 [6.3]	7,850 [2.3]	12.05	14.00	73	1,000 [472]
	RBHP-21 (RCHL-36A1)	29,600 [8.7]	21,150 [6.2]	8,450 [2.5]	12.10	14.00	73	1,050 [495]
	RCHL-36A1 (RGFD-06?MCK?)	28,800 [8.4]	20,300 [5.9]	8,500 [2.5]	11.20	13.00	73	1,000 [472]
	RCHL-36A1 (RGFD-07?MCK?)	29,000 [8.5]	20,450 [6.0]	8,550 [2.5]	11.40	13.50	73	1,000 [472]
	RCHL-36A1 (RGGD-06?MCK?)	29,000 [8.5]	20,450 [6.0]	8,550 [2.5]	11.50	13.50	73	1,000 [472]
	RCHL-36A1 (RGGD-07?MCK?)	29,000 [8.5]	20,450 [6.0]	8,550 [2.5]	11.45	13.50	73	1,025 [484]
	RCHL-36A1 (RGJD-06?MCK?)	29,000 [8.5]	20,450 [6.0]	8,550 [2.5]	11.50	13.50	73	1,000 [472]
	RCHL-36A1 (RGJD-07?MCK?)	29,000 [8.5]	20,450 [6.0]	8,550 [2.5]	11.45	13.50	73	1,025 [484]
	RCHL-36A1 (RGLR-07?AMK?)	29,200 [8.6]	20,600 [6.0]	8,600 [2.5]	11.70	14.00	73	1,025 [484]
	RCHL-36A1 (RGLR-07?BRQ?)	29,200 [8.6]	20,550 [6.0]	8,650 [2.5]	12.00	14.00	73	1,000 [472]
	RCHL-36A1 (RGPR-05?BMK?)	29,000 [8.5]	20,450 [6.0]	8,550 [2.5]	11.35	13.50	73	1,000 [472]
	RCHL-36A1 (RGPR-07?AMK?)	29,000 [8.5]	20,400 [6.0]	8,600 [2.5]	11.65	14.00	73	1,000 [472]
	RCHL-36A1 (RGPR-07?BRQ?)	29,200 [8.6]	20,550 [6.0]	8,650 [2.5]	12.00	14.00	73	1,000 [472]
	RCQD-3621A* (RGFD-06?MCK?)	30,400 [8.9]	22,650 [6.6]	7,750 [2.3]	11.70	13.50	73	1,000 [472]
	RCQD-3621A* (RGFD-07?MCK?)	30,600 [9.0]	22,800 [6.7]	7,800 [2.3]	11.90	14.00	73	1,000 [472]
	RCQD-3621A* (RGJD-06?MCK?)	30,600 [9.0]	22,800 [6.7]	7,800 [2.3]	12.00	14.00	73	1,000 [472]
	RCQD-3621A* (RGJD-07?MCK?)	30,600 [9.0]	22,800 [6.7]	7,800 [2.3]	11.95	14.00	73	1,025 [484]
	RCQD-3621A* (RGPR-05?BMK?)	30,600 [9.0]	22,800 [6.7]	7,800 [2.3]	11.90	14.00	73	1,000 [472]
	RCQD-3621A* (RGPR-07?AMK?)	30,800 [9.0]	23,000 [6.7]	7,800 [2.3]	12.20	14.00	73	1,000 [472]
	RCQD-3621A* (RGPR-07?BRQ?)	31,000 [9.1]	23,150 [6.8]	7,850 [2.3]	12.55	14.00	73	1,000 [472]
	17AHS130AU (RCSL-A*3617B*)	28,800 [8.4]	20,900 [6.1]	7,900 [2.3]	11.20	13.00	73	950 [448]
	17AHL36HM (RCSL-H*3617A*)	29,400 [8.6]	21,550 [6.3]	7,850 [2.3]	12.05	14.00	73	1,000 [472]
	17AHS130HM (RCSL-H*3617A*)	28,800 [8.4]	20,900 [6.1]	7,900 [2.3]	11.20	13.00	73	950 [448]
	RHKL-HM3617 (RCSL-H*3617A*)	29,400 [8.6]	21,600 [6.3]	7,800 [2.3]	11.90	14.00	73	1,025 [484]
	RHLL-HM3617 (RCSL-H*3617A*)	29,400 [8.6]	21,550 [6.3]	7,850 [2.3]	12.05	14.00	73	1,000 [472]
	RHSL-HM3017 (RCSL-H*3617A*)	28,800 [8.4]	20,900 [6.1]	7,900 [2.3]	11.20	13.00	73	950 [448]
037CAZ/ DAZ/JAZ	RCFL-H*3617A* ①	37,600 [11.0]	25,750 [7.5]	11,850 [3.5]	11.20	13.00	76	1,050 [495]
	RCFL-A*3617B*	37,600 [11.0]	25,750 [7.5]	11,850 [3.5]	11.20	13.00	76	1,050 [495]
	RCFL-A*3617B* (RGGD-07?MCK?)	37,800 [11.1]	25,900 [7.6]	11,900 [3.5]	11.60	13.50	76	1,025 [484]
	RCFL-A*3621B*	37,600 [11.0]	25,750 [7.5]	11,850 [3.5]	11.20	13.00	76	1,050 [495]
	RCFL-A*3621B* (RGFD-09?ZCM?)	38,500 [11.3]	27,050 [7.9]	11,450 [3.4]	11.70	13.50	76	1,150 [543]
	RCFL-A*3621B* (RGFD-10?ZCM?)	38,500 [11.3]	27,150 [8.0]	11,350 [3.3]	11.55	13.50	76	1,175 [554]
	RCFL-A*3621B* (RGGD-07?MCK?)	37,800 [11.1]	25,850 [7.6]	11,950 [3.5]	11.65	13.50	76	1,025 [484]
	RCFL-A*3621B* (RGGD-09?ZCM?)	38,500 [11.3]	27,150 [8.0]	11,350 [3.3]	11.70	13.50	76	1,175 [554]
	RCFL-A*3621B* (RGGD-10?ZCM?)	38,500 [11.3]	27,150 [8.0]	11,350 [3.3]	11.75	13.50	76	1,175 [554]
	RCFL-A*3621B* (RGLR-07?AMK?)	38,000 [11.1]	26,000 [7.6]	12,000 [3.5]	11.85	13.50	76	1,025 [484]
	RCFL-A*3621B* (RGLR-10?BRM?)	39,000 [11.4]	27,700 [8.1]	11,300 [3.3]	11.90	13.50	76	1,200 [566]
	RCFL-A*3621B* (RGPR-07?BRQ?)	39,000 [11.4]	27,700 [8.1]	11,300 [3.3]	11.90	13.50	76	1,200 [566]
	RCFL-H*3617A* (RGGD-07?MCK?)	37,800 [11.1]	25,900 [7.6]	11,900 [3.5]	11.60	13.50	76	1,025 [484]
	RCFL-H*3617A* (RGJD-07?MCK?)	37,800 [11.1]	25,900 [7.6]	11,900 [3.5]	11.60	13.50	76	1,025 [484]
	RCFL-H*3617A* (RGLR-07?AMK?)	38,000 [11.1]	26,050 [7.6]	11,950 [3.5]	11.85	13.50	76	1,025 [484]
	RCFL-H*3621A*	37,600 [11.0]	25,750 [7.5]	11,850 [3.5]	11.20	13.00	76	1,050 [495]
	RCFL-H*3621A* (RGFD-09?ZCM?)	38,500 [11.3]	27,050 [7.9]	11,450 [3.4]	11.70	13.50	76	1,150 [543]
	RCFL-H*3621A* (RGFD-10?ZCM?)	38,500 [11.3]	27,150 [8.0]	11,350 [3.3]	11.55	13.50	76	1,175 [554]
	RCFL-H*3621A* (RGGD-07?MCK?)	37,800 [11.1]	25,850 [7.6]	11,950 [3.5]	11.65	13.50	76	1,025 [484]
	RCFL-H*3621A* (RGGD-09?ZCM?)	38,500 [11.3]	27,150 [8.0]	11,350 [3.3]	11.70	13.50	76	1,175 [554]
RCFL-H*3621A* (RGGD-10?ZCM?)	38,500 [11.3]	27,150 [8.0]	11,350 [3.3]	11.75	13.50	76	1,175 [554]	

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

[] Designates Metric Conversions

Performance Data @ ARI Standard Conditions—Cooling: RANL- (continued)

Outdoor Unit RANL-	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 dB	Indoor CFM [L/s]
	Indoor Coil and/or Air Handler	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	EER	SEER		
Revised 9/12/2008								
037CAZ/ DAZ/JAZ	RCFL-H*3621A* (RGJD-07?MCK?)	37,800 [11.1]	25,850 [7.6]	11,950 [3.5]	11.65	13.50	76	1,025 [484]
	RCFL-H*3621A* (RGJD-09?ZCM?)	38,500 [11.3]	27,150 [8.0]	11,350 [3.3]	11.70	13.50	76	1,175 [554]
	RCFL-H*3621A* (RGJD-10?ZCM?)	38,500 [11.3]	27,150 [8.0]	11,350 [3.3]	11.75	13.50	76	1,175 [554]
	RCFL-H*3621A* (RGLR-07?AMK?)	38,000 [11.1]	26,000 [7.6]	12,000 [3.5]	11.85	13.50	76	1,025 [484]
	RCFL-H*3621A* (RGLR-10?BRM?)	39,000 [11.4]	27,700 [8.1]	11,300 [3.3]	11.90	13.50	76	1,200 [566]
	RCFL-H*3621A* (RGPR-07?AMK?)	38,500 [11.3]	27,300 [8.0]	11,200 [3.3]	11.45	13.00	76	1,200 [566]
	RCFL-H*3621A* (RGPR-07?BRQ?)	39,000 [11.4]	27,700 [8.1]	11,300 [3.3]	11.90	13.50	76	1,200 [566]
	RBHP-21 (RCHL-36A1)	38,000 [11.1]	25,800 [7.6]	12,200 [3.6]	11.70	14.00	76	1,225 [578]
	RCHL-36A1 (RGFD-09?ZCM?)	37,600 [11.0]	25,200 [7.4]	12,400 [3.6]	11.50	13.50	76	1,150 [543]
	RCHL-36A1 (RGFD-10?ZCM?)	37,800 [11.1]	25,650 [7.5]	12,150 [3.6]	11.45	13.50	76	1,175 [554]
	RCHL-36A1 (RGGD-06?MCK?)	37,600 [11.0]	25,550 [7.5]	12,050 [3.5]	10.95	13.00	76	1,225 [578]
	RCHL-36A1 (RGGD-09?ZCM?)	38,000 [11.1]	25,800 [7.6]	12,200 [3.6]	11.55	13.50	76	1,175 [554]
	RCHL-36A1 (RGGD-10?ZCM?)	38,000 [11.1]	25,800 [7.6]	12,200 [3.6]	11.55	13.50	76	1,175 [554]
	RCHL-36A1 (RGJD-06?MCK?)	37,600 [11.0]	25,550 [7.5]	12,050 [3.5]	10.95	13.00	76	1,225 [578]
	RCHL-36A1 (RGJD-09?ZCM?)	38,000 [11.1]	25,800 [7.6]	12,200 [3.6]	11.55	13.50	76	1,175 [554]
	RCHL-36A1 (RGJD-10?ZCM?)	38,000 [11.1]	25,800 [7.6]	12,200 [3.6]	11.55	13.50	76	1,175 [554]
	RCHL-36A1 (RGLR-07?AMK?)	37,800 [11.1]	25,650 [7.5]	12,150 [3.6]	11.30	13.50	76	1,200 [566]
	RCHL-36A1 (RGLR-07?BRQ?)	38,000 [11.1]	25,800 [7.6]	12,200 [3.6]	11.65	14.00	76	1,225 [578]
	RCHL-36A1 (RGLR-10?BRM?)	38,000 [11.1]	25,800 [7.6]	12,200 [3.6]	11.70	14.00	76	1,200 [566]
	RCHL-36A1 (RGPR-07?AMK?)	37,800 [11.1]	25,700 [7.5]	12,100 [3.5]	11.30	13.50	76	1,200 [566]
	RCHL-36A1 (RGPR-07?BRQ?)	38,000 [11.1]	25,800 [7.6]	12,200 [3.6]	11.70	14.00	76	1,200 [566]
	RCHL-36A1 (RGPR-10?BRM?)	38,000 [11.1]	25,800 [7.6]	12,200 [3.6]	11.55	13.50	76	1,225 [578]
	RCQD-3621A*	38,500 [11.3]	27,450 [8.0]	11,050 [3.2]	11.05	13.00	76	1,200 [566]
	RCQD-3621A* (RGFD-09?ZCM?)	39,500 [11.6]	27,800 [8.1]	11,700 [3.4]	11.95	14.00	76	1,150 [543]
	RCQD-3621A* (RGFD-10?ZCM?)	40,000 [11.7]	28,550 [8.4]	11,450 [3.4]	11.90	14.00	76	1,175 [554]
	RCQD-3621A* (RGJD-06?MCK?)	39,500 [11.6]	28,200 [8.3]	11,300 [3.3]	11.40	13.50	76	1,225 [578]
	RCQD-3621A* (RGJD-09?ZCM?)	40,000 [11.7]	28,550 [8.4]	11,450 [3.4]	12.00	14.00	76	1,175 [554]
	RCQD-3621A* (RGJD-10?ZCM?)	40,000 [11.7]	28,550 [8.4]	11,450 [3.4]	12.05	14.00	76	1,175 [554]
	RCQD-3621A* (RGPR-05?BMK?)	39,500 [11.6]	28,200 [8.3]	11,300 [3.3]	11.35	13.50	76	1,200 [566]
	RCQD-3621A* (RGPR-07?AMK?)	40,000 [11.7]	28,600 [8.4]	11,400 [3.3]	11.75	13.50	76	1,200 [566]
	RCQD-3621A* (RGPR-07?BRQ?)	40,000 [11.7]	28,500 [8.4]	11,500 [3.4]	12.15	14.00	76	1,200 [566]
	RCQD-3621A* (RGPR-10?BRM?)	40,000 [11.7]	28,550 [8.4]	11,450 [3.4]	12.00	14.00	76	1,225 [578]
	RCQD-3624A*	38,500 [11.3]	27,450 [8.0]	11,050 [3.2]	11.05	13.00	76	1,200 [566]
	RCQD-3624A* (RGFD-09?ZCM?)	39,500 [11.6]	27,800 [8.1]	11,700 [3.4]	11.95	14.00	76	1,150 [543]
	RCQD-3624A* (RGFD-10?ZCM?)	40,000 [11.7]	28,550 [8.4]	11,450 [3.4]	11.90	14.00	76	1,175 [554]
	RCQD-3624A* (RGFD-12?RCM?)	40,000 [11.7]	28,550 [8.4]	11,450 [3.4]	11.95	14.00	76	1,225 [578]
	RCQD-3624A* (RGJD-07?MCK?)	39,500 [11.6]	28,200 [8.3]	11,300 [3.3]	11.30	13.00	76	1,225 [578]
	RCQD-3624A* (RGJD-09?ZCM?)	40,000 [11.7]	28,550 [8.4]	11,450 [3.4]	12.00	14.00	76	1,175 [554]
	RCQD-3624A* (RGJD-10?ZCM?)	40,000 [11.7]	28,550 [8.4]	11,450 [3.4]	12.05	14.00	76	1,175 [554]
	RCQD-3624A* (RGJD-12?RCM?)	40,000 [11.7]	28,550 [8.4]	11,450 [3.4]	12.10	14.00	76	1,225 [578]
	RCQD-3624A* (RGPR-05?BMK?)	39,500 [11.6]	28,200 [8.3]	11,300 [3.3]	11.35	13.50	76	1,200 [566]
	RCQD-3624A* (RGPR-07?AMK?)	40,000 [11.7]	28,600 [8.4]	11,400 [3.3]	11.75	13.50	76	1,200 [566]
	RCQD-3624A* (RGPR-07?BRQ?)	40,000 [11.7]	28,500 [8.4]	11,500 [3.4]	12.15	14.00	76	1,200 [566]
	RCQD-3624A* (RGPR-10?BRM?)	40,000 [11.7]	28,550 [8.4]	11,450 [3.4]	12.00	14.00	76	1,225 [578]
	RCQD-3624A* (RGPR-12?ARM?)	40,500 [11.9]	29,300 [8.6]	11,200 [3.3]	12.15	14.00	76	1,250 [590]
	17AHS136AU (RCSL-A*3617B*)	37,800 [11.1]	26,200 [7.7]	11,600 [3.4]	11.20	13.00	76	1,100 [519]
	17AHL136HM (RCSL-H*3617A*)	39,000 [11.4]	27,700 [8.1]	11,300 [3.3]	11.95	14.00	76	1,200 [566]
	17AHS136HM (RCSL-H*3617A*)	37,800 [11.1]	26,200 [7.7]	11,600 [3.4]	11.20	13.00	76	1,100 [519]
	RHKL-HM3617 (RCSL-H*3617A*)	39,000 [11.4]	27,700 [8.1]	11,300 [3.3]	11.95	14.00	76	1,200 [566]
	RHLL-HM3617 (RCSL-H*3617A*)	39,000 [11.4]	27,700 [8.1]	11,300 [3.3]	11.95	14.00	76	1,200 [566]
	RHSL-HM3617 (RCSL-H*3617A*)	37,800 [11.1]	26,200 [7.7]	11,600 [3.4]	11.20	13.00	76	1,100 [519]
	RHSL-HM3621 (RCSL-H*3621A*)	37,800 [11.1]	26,200 [7.7]	11,600 [3.4]	11.20	13.00	76	1,100 [519]
043CAZ/ DAZ/JAZ	RCSL-H*4821A* ①	41,500 [12.2]	29,700 [8.7]	11,800 [3.5]	10.90	13.00	76	1,400 [661]
	RCFL-A*4821B*	41,500 [12.2]	29,700 [8.7]	11,800 [3.5]	10.90	13.00	76	1,400 [661]
	RCFL-A*4821B* (RGLR-07?BRQ?)	42,000 [12.3]	30,100 [8.8]	11,900 [3.5]	11.40	13.50	76	1,425 [672]

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

[] Designates Metric Conversions

Performance Data @ ARI Standard Conditions—Cooling: RANL- (continued)

Outdoor Unit RANL-	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 dB	Indoor CFM [L/s]
	Indoor Coil and/or Air Handler	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	EER	SEER		
Revised 9/12/2008								
043CAZ/ DAZ/JAZ	RCFL-A*4821B* (RGLR-10?BRM?)	42,000 [12.3]	30,050 [8.8]	11,950 [3.5]	11.55	13.50	76	1,375 [649]
	RCFL-A*4821B* (RGPR-07?BRQ?)	42,000 [12.3]	30,050 [8.8]	11,950 [3.5]	11.50	13.50	76	1,400 [661]
	RCFL-A*4824B*	41,500 [12.2]	29,700 [8.7]	11,800 [3.5]	10.90	13.00	76	1,400 [661]
	RCFL-A*4824B* (RGGD-12?RCM?)	42,000 [12.3]	30,400 [8.9]	11,600 [3.4]	11.40	13.50	76	1,450 [684]
	RCFL-A*4824B* (RGLR-07?BRQ?)	42,000 [12.3]	30,100 [8.8]	11,900 [3.5]	11.40	13.50	76	1,425 [672]
	RCFL-A*4824B* (RGLR-10?BRM?)	42,000 [12.3]	30,050 [8.8]	11,950 [3.5]	11.55	13.50	76	1,375 [649]
	RCFL-A*4824B* (RGLR-12?ARM?)	42,000 [12.3]	30,050 [8.8]	11,950 [3.5]	11.50	13.50	76	1,425 [672]
	RCFL-A*4824B* (RGPR-07?BRQ?)	42,000 [12.3]	30,050 [8.8]	11,950 [3.5]	11.50	13.50	76	1,400 [661]
	RCFL-A*4824B* (RGPR-12?ARM?)	42,000 [12.3]	30,050 [8.8]	11,950 [3.5]	11.50	13.50	76	1,400 [661]
	RCFL-H*4821A* (RGLR-07?BRQ?)	42,000 [12.3]	30,100 [8.8]	11,900 [3.5]	11.40	13.50	76	1,425 [672]
	RCFL-H*4821A* (RGLR-10?BRM?)	42,000 [12.3]	30,050 [8.8]	11,950 [3.5]	11.55	13.50	76	1,375 [649]
	RCFL-H*4821A* (RGPR-07?BRQ?)	42,000 [12.3]	30,050 [8.8]	11,950 [3.5]	11.50	13.50	76	1,400 [661]
	RCFL-H*4824A*	41,500 [12.2]	29,700 [8.7]	11,800 [3.5]	10.90	13.00	76	1,400 [661]
	RCFL-H*4824A* (RGGD-12?RCM?)	42,000 [12.3]	30,400 [8.9]	11,600 [3.4]	11.40	13.50	76	1,450 [684]
	RCFL-H*4824A* (RGJD-12?RCM?)	42,000 [12.3]	30,400 [8.9]	11,600 [3.4]	11.40	13.50	76	1,450 [684]
	RCFL-H*4824A* (RGLR-07?BRQ?)	42,000 [12.3]	30,100 [8.8]	11,900 [3.5]	11.40	13.50	76	1,425 [672]
	RCFL-H*4824A* (RGLR-10?BRM?)	42,000 [12.3]	30,050 [8.8]	11,950 [3.5]	11.55	13.50	76	1,375 [649]
	RCFL-H*4824A* (RGLR-12?ARM?)	42,000 [12.3]	30,050 [8.8]	11,950 [3.5]	11.50	13.50	76	1,425 [672]
	RCFL-H*4824A* (RGPR-07?BRQ?)	42,000 [12.3]	30,050 [8.8]	11,950 [3.5]	11.50	13.50	76	1,400 [661]
	RCFL-H*4824A* (RGPR-12?ARM?)	42,000 [12.3]	30,050 [8.8]	11,950 [3.5]	11.50	13.50	76	1,400 [661]
	RBHP-24 (RCHL-48A1)	41,000 [12.0]	28,100 [8.2]	12,900 [3.8]	11.55	14.00	76	1,400 [661]
	RCHL-48A1 (RGFD-09?ZCM?)	40,000 [11.7]	26,900 [7.9]	13,100 [3.8]	10.90	13.00	76	1,325 [625]
	RCHL-48A1 (RGFD-10?ZCM?)	40,000 [11.7]	26,950 [7.9]	13,050 [3.8]	10.75	13.00	76	1,325 [625]
	RCHL-48A1 (RGFD-12?RCM?)	40,500 [11.9]	28,200 [8.3]	12,300 [3.6]	10.90	13.00	76	1,475 [696]
	RCHL-48A1 (RGGD-09?ZCM?)	40,500 [11.9]	27,800 [8.1]	12,700 [3.7]	10.90	13.00	76	1,425 [672]
	RCHL-48A1 (RGGD-10?ZCM?)	40,500 [11.9]	27,800 [8.1]	12,700 [3.7]	10.90	13.00	76	1,425 [672]
	RCHL-48A1 (RGGD-12?RCM?)	40,500 [11.9]	28,000 [8.2]	12,500 [3.7]	11.10	13.50	76	1,450 [684]
	RCHL-48A1 (RGJD-09?ZCM?)	40,500 [11.9]	27,800 [8.1]	12,700 [3.7]	10.90	13.00	76	1,425 [672]
	RCHL-48A1 (RGJD-10?ZCM?)	40,500 [11.9]	27,800 [8.1]	12,700 [3.7]	10.90	13.00	76	1,425 [672]
	RCHL-48A1 (RGJD-12?RCM?)	40,500 [11.9]	28,000 [8.2]	12,500 [3.7]	11.10	13.50	76	1,450 [684]
	RCHL-48A1 (RGLR-07?BRQ?)	40,500 [11.9]	27,700 [8.1]	12,800 [3.8]	11.15	13.00	76	1,425 [672]
	RCHL-48A1 (RGLR-10?BRM?)	40,500 [11.9]	27,700 [8.1]	12,800 [3.8]	11.25	13.50	76	1,375 [649]
	RCHL-48A1 (RGLR-12?ARM?)	40,500 [11.9]	27,700 [8.1]	12,800 [3.8]	11.20	13.50	76	1,425 [672]
	RCHL-48A1 (RGPR-07?BRQ?)	40,500 [11.9]	27,700 [8.1]	12,800 [3.8]	11.20	13.50	76	1,400 [661]
	RCHL-48A1 (RGPR-10?BRM?)	40,500 [11.9]	27,750 [8.1]	12,750 [3.7]	11.00	13.00	76	1,425 [672]
	RCHL-48A1 (RGPR-12?ARM?)	40,500 [11.9]	27,700 [8.1]	12,800 [3.8]	11.20	13.50	76	1,400 [661]
	RCQD-4821A* (RGFD-09?ZCM?)	42,000 [12.3]	29,800 [8.7]	12,200 [3.6]	11.30	13.00	76	1,325 [625]
	RCQD-4821A* (RGFD-10?ZCM?)	42,000 [12.3]	29,850 [8.7]	12,150 [3.6]	11.15	13.00	76	1,325 [625]
	RCQD-4821A* (RGJD-09?ZCM?)	42,500 [12.5]	30,750 [9.0]	11,750 [3.4]	11.25	13.00	76	1,425 [672]
	RCQD-4821A* (RGJD-10?ZCM?)	42,500 [12.5]	30,750 [9.0]	11,750 [3.4]	11.30	13.00	76	1,425 [672]
	RCQD-4821A* (RGJD-12?RCM?)	43,000 [12.6]	31,500 [9.2]	11,500 [3.4]	11.50	13.50	76	1,450 [684]
	RCQD-4821A* (RGPR-07?BRQ?)	42,500 [12.5]	30,650 [9.0]	11,850 [3.5]	11.60	13.50	76	1,400 [661]
	RCQD-4821A* (RGPR-10?BRM?)	42,500 [12.5]	30,700 [9.0]	11,800 [3.5]	11.40	13.50	76	1,425 [672]
	RCQD-4824A* (RGFD-09?ZCM?)	42,000 [12.3]	29,800 [8.7]	12,200 [3.6]	11.40	13.50	76	1,325 [625]
	RCQD-4824A* (RGFD-10?ZCM?)	42,000 [12.3]	29,800 [8.7]	12,200 [3.6]	11.25	13.00	76	1,325 [625]
	RCQD-4824A* (RGFD-12?RCM?)	43,000 [12.6]	31,650 [9.3]	11,350 [3.3]	11.35	13.50	76	1,475 [696]
	RCQD-4824A* (RGJD-09?ZCM?)	42,500 [12.5]	30,700 [9.0]	11,800 [3.5]	11.35	13.50	76	1,425 [672]
	RCQD-4824A* (RGJD-10?ZCM?)	42,500 [12.5]	30,700 [9.0]	11,800 [3.5]	11.35	13.50	76	1,425 [672]
	RCQD-4824A* (RGJD-12?RCM?)	43,000 [12.6]	31,450 [9.2]	11,550 [3.4]	11.60	13.50	76	1,450 [684]
	RCQD-4824A* (RGPR-07?BRQ?)	43,000 [12.6]	31,150 [9.1]	11,850 [3.5]	11.70	13.50	76	1,400 [661]
	RCQD-4824A* (RGPR-10?BRM?)	42,500 [12.5]	30,700 [9.0]	11,800 [3.5]	11.50	13.50	76	1,425 [672]
	RCQD-4824A* (RGPR-12?ARM?)	43,000 [12.6]	31,150 [9.1]	11,850 [3.5]	11.70	13.50	76	1,400 [661]
	21AHSL42AU (RCSL-H*4821A*)	41,000 [12.0]	28,950 [8.5]	12,050 [3.5]	10.85	13.00	76	1,350 [637]
	21AHSL42HM (RCSL-H*4821A*)	41,000 [12.0]	28,950 [8.5]	12,050 [3.5]	10.85	13.00	76	1,350 [637]
	RHKL-HM4821 (RCSL-H*4821A*)	42,000 [12.3]	30,000 [8.8]	12,000 [3.5]	11.70	13.50	76	1,400 [661]

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

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Performance Data @ ARI Standard Conditions—Cooling: RANL- (continued)

Outdoor Unit RANL-	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 dB	Indoor CFM [L/s]
	Indoor Coil and/or Air Handler	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	EER	SEER		
Revised 9/12/2008								
043CAZ/ DAZ/JAZ	RHLL-HM4821 (RCSL-H*4821A*)	42,000 [12.3]	30,000 [8.8]	12,000 [3.5]	11.75	14.00	76	1,400 [661]
	RHSL-HM4221 (RCSL-H*4821A*)	41,000 [12.0]	28,950 [8.5]	12,050 [3.5]	10.85	13.00	76	1,350 [637]
049CAZ/ DAZ/JAZ/YAZ	RCFL-H*4821A* ①	46,500 [13.6]	33,250 [9.7]	13,250 [3.9]	11.05	13.00	76	1,550 [731]
	RCFL-A*4821B*	46,500 [13.6]	33,250 [9.7]	13,250 [3.9]	11.05	13.00	76	1,550 [731]
	RCFL-A*4824B*	46,500 [13.6]	33,250 [9.7]	13,250 [3.9]	11.05	13.00	76	1,550 [731]
	RCFL-H*4824A*	46,500 [13.6]	33,250 [9.7]	13,250 [3.9]	11.05	13.00	76	1,550 [731]
	RBHP-24 (RCHL-48A1)	45,500 [13.3]	31,300 [9.2]	14,200 [4.2]	11.40	13.00	76	1,600 [755]
	RCHL-48A1 (RGLR-07?BRQ?)	45,000 [13.2]	30,950 [9.1]	14,050 [4.1]	10.95	13.00	76	1,625 [767]
	RCHL-48A1 (RGLR-10?BRM?)	45,000 [13.2]	30,950 [9.1]	14,050 [4.1]	11.00	13.00	76	1,575 [743]
	RCHL-48A1 (RGLR-12?ARM?)	45,000 [13.2]	30,900 [9.1]	14,100 [4.1]	11.10	13.00	76	1,600 [755]
	RCHL-48A1 (RGPR-07?BRQ?)	45,000 [13.2]	30,950 [9.1]	14,050 [4.1]	11.00	13.00	76	1,625 [767]
	RCHL-48A1 (RGPR-12?ARM?)	45,000 [13.2]	30,900 [9.1]	14,100 [4.1]	11.05	13.00	76	1,575 [743]
	21AHL48HM (RCSL-H*4821A*)	47,000 [13.8]	33,950 [9.9]	13,050 [3.8]	11.65	13.50	76	1,600 [755]
	21AHL48AU (RCSL-H*4821A*)	46,500 [13.6]	33,250 [9.7]	13,250 [3.9]	11.15	13.00	76	1,525 [720]
	21AHL48HM (RCSL-H*4821A*)	46,500 [13.6]	33,250 [9.7]	13,250 [3.9]	11.15	13.00	76	1,525 [720]
	RHKL-HM4821 (RCSL-H*4821A*)	47,000 [13.8]	33,650 [9.9]	13,350 [3.9]	11.55	13.50	76	1,575 [743]
	RHLL-HM4821 (RCSL-H*4821A*)	47,000 [13.8]	33,950 [9.9]	13,050 [3.8]	11.65	13.50	76	1,600 [755]
	RHSL-HM4821 (RCSL-H*4821A*)	46,500 [13.6]	33,250 [9.7]	13,250 [3.9]	11.15	13.00	76	1,525 [720]
	24AHL48HM (RCSL-H*4824A*)	48,500 [14.2]	36,450 [10.7]	12,050 [3.5]	12.15	14.00	76	1,625 [767]
	24AHL48AU (RCSL-H*4824A*)	47,500 [13.9]	35,000 [10.3]	12,500 [3.7]	11.30	13.00	76	1,525 [720]
	24AHL48HM (RCSL-H*4824A*)	47,500 [13.9]	35,000 [10.3]	12,500 [3.7]	11.30	13.00	76	1,525 [720]
	RHKL-HM4824 (RCSL-H*4824A*)	48,500 [14.2]	36,500 [10.7]	12,000 [3.5]	12.10	14.00	76	1,625 [767]
	RHLL-HM4824 (RCSL-H*4824A*)	48,500 [14.2]	36,450 [10.7]	12,050 [3.5]	12.15	14.00	76	1,625 [767]
	RHSL-HM4824 (RCSL-H*4824A*)	47,500 [13.9]	35,000 [10.3]	12,500 [3.7]	11.30	13.00	76	1,525 [720]
060CAZ/ DAZ/JAZ/YAZ	RCFL-A*6024B*	61,000 [17.9]	42,900 [12.6]	18,100 [5.3]	11.10	13.00	76	1,800 [849]
	RCFL-H*6024A*	61,000 [17.9]	42,900 [12.6]	18,100 [5.3]	11.10	13.00	76	1,800 [849]
	RCHL-60A1	56,000 [16.4]	37,600 [11.0]	18,400 [5.4]	10.20	12.00	76	2,000 [944]
	RBHC-24 (RCHL-60A1)	55,000 [16.1]	35,900 [10.5]	19,100 [5.6]	10.10	12.00	76	1,800 [849]
	RBHP-25 (RCHL-60A1)	55,500 [16.3]	36,600 [10.7]	18,900 [5.5]	10.75	13.00	76	1,800 [849]
	RCQD-6024A*	58,500 [17.1]	40,250 [11.8]	18,250 [5.3]	10.95	13.00	76	1,800 [849]
	24AHL60HM (RCSL-H*6024A*)	62,000 [18.2]	43,500 [12.7]	18,500 [5.4]	11.70	13.50	76	1,800 [849]
	RHKL-HM6024 (RCSL-H*6024A*)	62,000 [18.2]	43,450 [12.7]	18,550 [5.4]	11.70	13.50	76	1,800 [849]
	RHLL-HM6024 (RCSL-H*6024A*)	62,000 [18.2]	43,500 [12.7]	18,500 [5.4]	11.70	13.50	76	1,800 [849]
	RHSL-HM6024 (RCSL-H*6024A*)	60,500 [17.7]	42,450 [12.4]	18,050 [5.3]	10.75	12.00	76	1,750 [826]

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

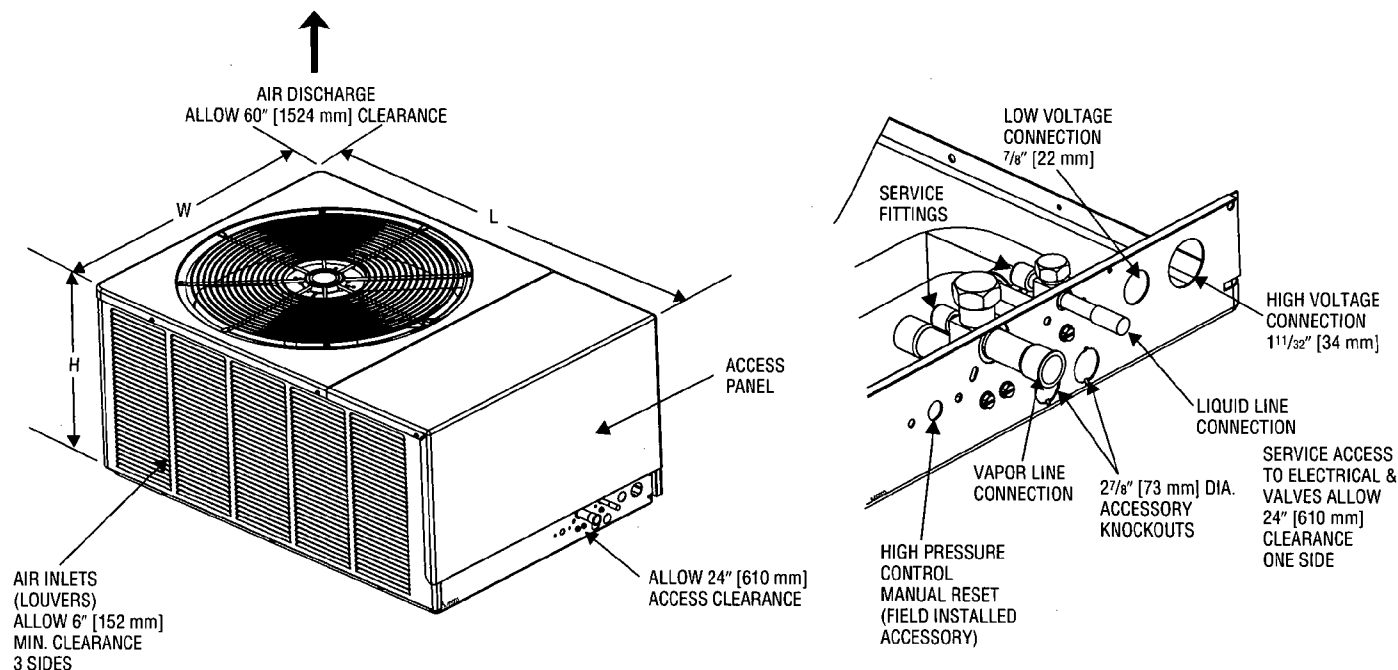
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Electrical and Physical Data: RANL-

Model No. RANL-	ELECTRICAL							PHYSICAL						
	Phase Frequency (Hz) Voltage (Volts)	Compressor		Fan Motor Full Load Amperes (FLA)	Min. Circuit Ampacity Amperes	Fuse or HACR Circuit Breaker		Outdoor Coil			Refrig. Per Circuit Oz. [g]	Weight		
		Rated Load Amperes (RLA)	Locked Rotor Amperes (LRA)			Min. Amperes	Max. Amperes	Face Area Sq. Ft. [m²]	No. Rows	CFM [L/s]		Net Lbs. [kg]	Shipping Lbs. [kg]	
018JAZ	1-60-208/230	9/9	48	0.6	12/12	15/15	20/20	9.07 [0.84]	1	1775 [838]	70 [1984]	130 [59.0]	140 [63.5]	
024JAZ	1-60-208/230	12.8/12.8	58.3	0.6	17/17	20/20	25/25	11.00 [1.02]	1	1920 [906]	72 [2041]	140 [63.5]	150 [68.0]	
031JAZ	1-60-208/230	14.1/14.1	73	0.6	19/19	25/25	30/30	11.06 [1.03]	1	1920 [906]	83 [2353]	143 [64.9]	153 [69.4]	
037CAZ	3-60-208/230	13.2/13.2	88	1.2	18/18	25/25	30/30	16.10 [1.50]	1	3200 [1510]	106 [3005]	193 [87.5]	203 [92.1]	
037DAZ	3-60-460	6	44	0.6	9	15	15	16.10 [1.50]	1	3200 [1510]	106 [3005]	193 [87.5]	203 [92.1]	
037JAZ	1-60-208/230	17.9/17.9	112	1.2	24/24	30/30	40/40	16.10 [1.50]	1	3200 [1510]	106 [3005]	193 [87.5]	203 [92.1]	
043CAZ	3-60-208/230	13.6/13.6	83.1	1.2	19/19	25/25	30/30	16.10 [1.50]	1	3200 [1510]	115 [3260]	202 [91.6]	212 [96.2]	
043DAZ	3-60-460	6.1	41	0.6	9	15	15	16.10 [1.50]	1	3200 [1510]	115 [3260]	202 [91.6]	212 [96.2]	
043JAZ	1-60-208/230	19.9/19.9	109	1.2	27/27	35/35	45/45	16.10 [1.50]	1	3200 [1510]	115 [3260]	202 [91.6]	212 [96.2]	
049CAZ	3-60-208/230	13.7/13.7	83.1	1.2	19/19	25/25	30/30	20.13 [1.87]	1	3500 [1652]	132 [3742]	214 [97.1]	224 [101.6]	
049DAZ	3-60-460	6.2	41	0.6	9	15	15	23.13 [2.15]	1	3500 [1652]	132 [3742]	214 [97.1]	224 [101.6]	
049JAZ	1-60-208/230	21.8/21.8	117	1.2	29/29	35/35	50/50	20.13 [1.87]	1	3500 [1652]	132 [3742]	214 [97.1]	224 [101.6]	
049YAZ	3-60-575	4.8	33	0.5	7	15	15	20.13 [1.87]	1	3500 [1652]	132 [3742]	214 [97.1]	224 [101.6]	
060CAZ	3-60-208/230	15.6/15.6	110	1.2	21/21	25/25	35/35	23.01 [2.14]	1	3500 [1652]	180 [5103]	250 [113.4]	260 [117.9]	
060DAZ	3-60-460	7.8	52	0.6	11	15	15	23.01 [2.14]	1	3500 [1652]	180 [5103]	250 [113.4]	260 [117.9]	
060JAZ	1-60-208/230	26.3/26.3	134	1.2	35/35	45/45	60/60	23.01 [2.14]	1	3500 [1652]	180 [5103]	250 [113.4]	260 [117.9]	
060YAZ	3-60-575	5.8	38.9	0.5	8	15	15	23.01 [2.14]	1	3500 [1652]	180 [5103]	250 [113.4]	260 [117.9]	

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Unit Dimensions



Model Number RANL-	Height "H" (Inches) [mm]	Length "L" (Inches) [mm]	Width "W" (Inches) [mm]
018	19 [483]	35 1/2 [902]	23 3/4 [603]
024/031	19 [483]	40 1/2 [1029]	27 5/8 [702]
037/043	23 [584]	44 3/8 [1127]	31 1/2 [800]
049	29 [737]	44 3/8 [1127]	31 1/2 [800]
060	33 [838]	44 3/8 [1127]	31 1/2 [800]

[] Designates Metric Conversions

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

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
Compressor—	
JAZ	Ten (10) Years
CAZ, DAZ, YAZ	Five (5) Years
*All Other Parts	
JAZ	Five (5) Years
CAZ, DAZ, YAZ	One (1) Year

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

Condensing Unit Refrigerant Line Size Information

Liquid Line Sizing (R-410A)														
System Capacity	Line Size Connection (Inch I.D.)	Line Size (Inch O.D.) [mm]	Liquid Line Size – Outdoor Unit Above Indoor Coil (Cooling Only – Does not apply to Heat Pumps)						Liquid Line Size – Outdoor Unit Below Indoor Coil					
			Total Equivalent Length—Feet [m]						Total Equivalent 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]
			Minimum Vertical Separation—Feet [m]						Maximum Vertical Separation—Feet [m]					
1½ Ton	3/8"	1/4 [6.35]	0	0	0	0	8 [2.44]	24 [7.32]	25 [7.62]	40 [12.19]	25 [7.62]	9 [2.74]	N/A	N/A
		5/16 [7.94]	0	0	0	0	0	0	25 [7.62]	50 [15.24]	62 [18.90]	58 [17.68]	53 [16.15]	49 [14.94]
		3/8* [9.53]	0	0	0	0	0	0	25 [7.62]	50 [15.24]	75 [22.86]	72 [21.95]	70 [21.34]	68 [20.73]
2 Ton	3/8"	1/4 [6.35]	0	3 [0.91]	29 [8.84]	55 [16.76]	81 [24.69]	108 [32.92]	23 [7.01]	N/A	N/A	N/A	N/A	N/A
		5/16 [7.94]	0	0	0	0	0	0	25 [7.62]	36 [10.97]	29 [8.84]	23 [7.01]	16 [4.88]	9 [2.74]
		3/8* [9.53]	0	0	0	0	0	0	25 [7.62]	50 [15.24]	72 [21.95]	70 [21.34]	68 [20.73]	65 [19.81]
2½ Ton	3/8"	1/4 [6.35]	0	14 [4.27]	56 [17.07]	98 [29.87]	N/A	N/A	25 [7.62]	N/A	N/A	N/A	N/A	N/A
		5/16 [7.94]	0	0	0	0	0	0	25 [7.62]	49 [14.94]	38 [11.58]	27 [8.23]	17 [5.18]	6 [1.83]
		3/8* [9.53]	0	0	0	0	0	0	25 [7.62]	50 [15.24]	68 [20.73]	65 [19.81]	62 [18.90]	58 [17.68]
3 Ton	3/8"	5/16 [7.94]	0	0	0	0	0	9 [2.74]	25 [7.62]	50 [15.24]	37 [11.28]	22 [6.71]	7 [2.13]	N/A
		3/8* [9.53]	0	0	0	0	0	0	25 [7.62]	50 [15.24]	68 [20.73]	63 [19.20]	58 [17.68]	53 [16.15]
3½ Ton	3/8"	5/16 [7.94]	0	0	0	16 [4.88]	35 [10.67]	54 [16.46]	25 [7.62]	23 [7.01]	4 [1.22]	N/A	N/A	N/A
		3/8* [9.53]	0	0	0	0	0	0	25 [7.62]	50 [15.24]	43 [13.11]	36 [10.97]	30 [9.14]	24 [7.32]
4 Ton	3/8"	3/8* [9.53]	0	0	0	0	0	0	25 [7.62]	46 [14.02]	38 [11.58]	30 [9.14]	22 [6.71]	15 [4.57]
		1/2 [12.57]	0	0	0	0	0	0	25 [7.62]	50 [15.24]	56 [17.07]	55 [16.76]	53 [16.15]	52 [15.85]
5 Ton	3/8"	3/8* [9.53]	0	0	0	0	0	0	25 [7.62]	50 [15.24]	56 [17.07]	44 [13.41]	32 [9.75]	20 [6.10]
		1/2 [12.57]	0	0	0	0	0	0	25 [7.62]	50 [15.24]	75 [22.86]	81 [24.69]	79 [24.08]	76 [23.16]

NOTES: *Standard line size
N/A = Application not recommended.

Suction Line Length/Size versus Capacity Multiplier (R-410A)								
Unit Size	1½ Ton	2 Ton	2½ Ton	3 Ton	3½ Ton	4 Ton	5 Ton	
Suction Line Connection Size	¾" [19.05 mm] I.D.			7/8" [22.23 mm] I.D.				
Suction Line Run—Feet [m]	5/8" [15.88 mm] O.D. Opt. ¾" [19.05 mm] O.D. Std.*	5/8" [15.88 mm] O.D. Opt. ¾" [19.05 mm] O.D. Std.* 7/8" [22.23 mm] O.D. Opt.	5/8" [15.88 mm] O.D. Opt. ¾" [19.05 mm] O.D. Std.* 7/8" [22.23 mm] O.D. Opt.	¾" [19.05 mm] O.D. Opt. 7/8" [22.23 mm] O.D. Std.*	7/8" [22.23 mm] O.D. Opt. 1 1/8" [28.58 mm] O.D. Std.*	7/8" [22.23 mm] O.D. Opt. 1 1/8" [28.58 mm] O.D. Std.*	7/8" [22.23 mm] O.D. Opt. 1 1/8" [28.58 mm] O.D. Std.*	7/8" [22.23 mm] O.D. Opt. 1 1/8" [28.58 mm] O.D. Std.*
25' [7.62]	Optional	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	Standard	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	Optional	N/A	N/A	1.00	N/A	N/A	N/A	N/A
50' [15.24]	Optional	.98	.98	.96	.98	.99	.99	.99
	Standard	.99	.99	.98	.99	.99	.99	.99
	Optional	N/A	N/A	.99	N/A	N/A	N/A	N/A
100' [30.48]	Optional	.95	.95	.94	.96	.96	.96	.97
	Standard	.96	.96	.96	.97	.98	.98	.98
	Optional	N/A	N/A	.97	N/A	N/A	N/A	N/A
150' [45.72]	Optional	.92	.92	.91	.94	.94	.95	.94
	Standard	.93	.94	.93	.95	.96	.96	.97
	Optional	N/A	N/A	.95	N/A	N/A	N/A	N/A

NOTES: *Standard line size
Using suction line larger than shown in chart will result in poor oil return and is not recommended.

[] 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 Heating,
Cooling and
Water Heating**

P.O. Box 17010, Fort Smith, AR 72917



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Adolf S. Rogulshi
1591 Route 37 West, Unit C6
Toms River NJ 08753

FOR PRACTICE IN NEW JERSEY AS A(N): Home Improvement Contractor

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ACTING DIRECTOR