



# CONSTRUCTION PERMIT APPLICATION

C-18-001540

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

## I. IDENTIFICATION

1. Proposed Work Site at 1627 Hoffman St

2. Name of Owner in Fee Palvick Moran

T [Redacted] e-mail \_\_\_\_\_

Address 3 Strick street \_\_\_\_\_ municipality \_\_\_\_\_ zip code \_\_\_\_\_

3. Ownership in Fee Public \_\_\_\_\_ Private \_\_\_\_\_

4. Principal Contractor \_\_\_\_\_ Tel (\_\_\_\_) \_\_\_\_\_

Address \_\_\_\_\_ e-mail \_\_\_\_\_

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

Home Inv NJR Home Services

Federal E 1415 Wyckoff Rd., Wall NJ 07719

5. Architect Tel. 1.877.466.3657 Fax. 732-938-3010

Address Contractor License No. 13VH00361500

Tel (\_\_\_\_) HVACR License No. 19HC00366400

6. Response Federal Employee No. 22-3609806

Tel (\_\_\_\_) FRANK CASEY TEL. 732-919-8090

## V. FEE SUMMARY (for office use only)

|                                  | Update        | Update        |
|----------------------------------|---------------|---------------|
| 1 Building                       | \$ <u>150</u> |               |
| 2 Electrical                     |               |               |
| 3 Plumbing                       |               |               |
| 4 Fire Protection                |               |               |
| 5 Elevator Devices               |               |               |
| 6 Subtotal                       | \$ <u>145</u> | \$ <u>150</u> |
| 7 Less 20% for State Plan Review | \$ _____      |               |
| 8 Subtotal                       | \$ _____      |               |
| 9 State Permit Surcharge Fee     | \$ <u>14</u>  | \$ <u>1</u>   |
| 10 Subtotal                      | \$ <u>152</u> |               |
| 11 Cert of Occupancy             |               |               |
| 12 Other                         |               |               |
| 13 TOTAL                         | \$ <u>364</u> | \$ <u>157</u> |

## VI. BUILDING/SITE CHARACTERISTICS

|                                                             |                   |
|-------------------------------------------------------------|-------------------|
| 1 Number of Stories _____                                   | (office use only) |
| 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 |
|----------|----------------|------------|----------------|---------------|-----------|--------------------|-----------|
|          |                |            |                | 5/8/18 RJ     |           |                    |           |
|          |                |            |                | 8/6/18 JF     |           |                    |           |
|          |                |            |                | 5/4/18 EC     |           |                    |           |

TOTAL COST \_\_\_\_\_

## 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 \_\_\_\_\_

## 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 ☐ Sninklers/Standpipes
- 8 ☐ Smoke Control Systems in Open Wells
- 9 ☐ Underground Storage Tanks
- 10 ☐ Swimming Pools, Spas and Hot Tubs
- 11 ☐ LPG Gas Tanks
- 12 ☐ Fire Alarm

APR 27 2018

RECEIVED

## 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, including such certification as the construction official may require, have been given or will be given prior to permit issuance.

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.

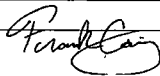
I further certify the following as required by the Uniform Construction Code, N.J.A.C. 5:23-2.15(a)5: All required State, county, and local prior approvals, including such certification as the construction official may require, have been given or will be given prior to permit issuance.

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**  
Address: **1415 Wyckoff Rd., Wall NJ 07719**  
**Tel. 1.877.466.3657 Fax. 732-938-3010**  
**Contractor License No. 13VH00361500**  
**HVACR License No. 19HC00366400**  
Telephone: **Federal Employee No. 22-3609806**  
Signature: **FRANK CASEY TEL. 732-919-8090**



III ( ) **LEAD HAZARD ABATEMENT** Include Homeowner or Building Owner Affidavit as per N.J.A.C. 5:23-2.15(b)4

IV ( ) **HOME ELEVATION**: Include Home Elevation Contractor Certification as per N.J.S.A. 52:27D-123.16

RECEIVING CLERK \_\_\_\_\_  
DATE REC'D \_\_\_\_\_

# ZONING PERMIT APPLICATION

PERMIT # ZP-18-00511  
DATE ISSUED 5/18/18

BLOCK: 838 LOT: 37 QUALIFIER: — SITE ADDRESS: 11627 Hoffman St

## IDENTIFICATION:

1. NAME OF OWNER IN FEE: Patrick Moran  
COMPLETE ADDRESS: 11627 Hoffman St  
Briar  
PHONE # [REDACTED] EMAIL: \_\_\_\_\_

2. NAME OF APPLICANT: NDR Home Services  
APPLICANT ADDRESS: 1415 Wyekoff Rd  
Wall 07719  
PHONE # 919-8172 EMAIL: NDR@a.com

3. RESPONSIBLE PERSON FOR WORK: \_\_\_\_\_  
PHONE# \_\_\_\_\_ FAX# \_\_\_\_\_

4. SIGNATURE OF APPLICANT: [Signature]

## FOR OFFICE USE ONLY

### FEE SUMMARY:

APPLICATION FEE: \$ 75-  
OTHER: \$ \_\_\_\_\_  
TOTAL: \$ 75-

## REQUIRED BY APPLICANT

RESIDENTIAL: ✓  
COMMERCIAL: \_\_\_\_\_  
EXISTING USE: SF2  
PROPOSED USE: SF2

BOARD APPROVAL: \_\_\_\_\_ PB \_\_\_\_\_ ZB \_\_\_\_\_  
RESOLUTION#: \_\_\_\_\_  
APPROVAL DATE: \_\_\_\_\_

## PROJECT DESCRIPTION: (PLEASE CHECK APPLICABLE WORK & DESCRIBE)

\*NEW BUILDING: \_\_\_\_\_ \*ADDITION \_\_\_\_\_ \*ALTERATION \_\_\_\_\_ \*PORCH \_\_\_\_\_ \*DECK \_\_\_\_\_

POOL: ABOVE GROUND \_\_\_\_\_ IN GROUND \_\_\_\_\_ FENCE: HEIGHT \_\_\_\_\_ TYPE \_\_\_\_\_ MATERIAL \_\_\_\_\_

HEIGHT: \_\_\_\_\_ (\*IF APPLICABLE)

OTHER \_\_\_\_\_

DESCRIPTION: Tasell Central A/C

## ZONING REVIEW:

DATE REVIEWED: 5-3-18

DATE DENIED: \_\_\_\_\_

DATE APPROVED: 5-3-18

INTLS: an

(SEE BACK PAGE)

## **TOWNSHIP OF BRICK ZONING CHECKLIST**

**1) Four (4) copies of plot plan containing:**

- All existing and proposed structures
- All dimensions of the lot and structures
- All setbacks from the structures to the property lines
- All adjacent streets and waterways
- If applicable, include a copy of the Zoning Board of Adjustment Resolution, the date that the map was signed, and/or the date that the subdivision map was filed with the Ocean County Clerk, along with the file map and number.

**2) Two copies of the plans with dimensions and heights noted:**

- Floor plans and elevations
- Signed site plans
- Property map
- Survey map

Choose which is applicable for submission

**3) Plot plans and building plans must match for complete review**

**NOTE: NO PARTIAL, TAPED, FAXED, REDUCED OR ENLARGED COPIES CAN BE ACCEPTED**

# OFFICE USE ONLY

**ZONING REVIEW:**

DATE REVIEWED: 7/4/12 DATE DENIED:        DATE APPROVED: 7/4/12 INTLS: NR, CR

[illegible]

# LAND USE

245 Attachment 5

Township of Brick

## SCHEDULE OF AREA, YARD AND BUILDING REQUIREMENTS

Township of Brick  
Ocean County, New Jersey

[Amended 6-26-1979 by Ord. No. 354-2B-79; 4-22-1980 by Ord. No. 354-2H-80; 10-14-1980 by Ord. No. 354-2N-80; 9-23-1980 by Ord. No. 354-1B-80; 8-25-83 by Ord. No. 354-2SS-83; 11-5-1984 by Ord. No. 354-2AAA-84; 11-5-1984 by Ord. No. 354-2CCC-84; 6-24-1986 by Ord. No. 354-2WWW-86; 9-13-1988 by Ord. No. 354-2TTTT-88; 9-27-1988 by Ord. No. 354-2XXXX-88; 9-12-2000 by Ord. No. 354-2EE-00; 5-9-2000 by Ord. No. 354-2Z-00; 3-26-2002 by Ord. No. 354-2C-03; 11-26-2002 by Ord. No. 354-2L-02; 3-25-2003 by Ord. No. 354-2D-03; 6-13-2006 by Ord. No. 19-06]

| Zone  | Minimum Lot Size   |              |              |                    |              |              | Minimum Required Yard Depth |                        |                            |                    |                  |                  | Maximum Lot Coverage by Building | Maximum Building Height |              |      |              | Minimum Floor/ Building Area (square feet) 2 stories/1 story | Maximum Allowable Impervious Coverage |
|-------|--------------------|--------------|--------------|--------------------|--------------|--------------|-----------------------------|------------------------|----------------------------|--------------------|------------------|------------------|----------------------------------|-------------------------|--------------|------|--------------|--------------------------------------------------------------|---------------------------------------|
|       | Interior Lots      |              |              | Corner Lots        |              |              | Principal Building          |                        |                            | Accessory Building |                  |                  |                                  | Stories                 | Eaves (feet) | Feet | Ridge (feet) |                                                              |                                       |
|       | Area (square feet) | Width (feet) | Depth (feet) | Area (square feet) | Width (feet) | Depth (feet) | Front Yard (feet)           | Side Yard, Each (feet) | Both Sides Combined (feet) | Rear Yard (feet)   | Side Yard (feet) | Rear Yard (feet) |                                  |                         |              |      |              |                                                              |                                       |
| R-R   | 40,000             | 150          | 150          | 40,000             | 150          | 150          | 50                          | 25                     |                            |                    | 50               | 25               | 25%                              | —                       | 25           |      |              | —                                                            |                                       |
| RR-2  | See § 245-90.      |              |              |                    |              |              |                             |                        |                            |                    |                  |                  |                                  |                         |              |      |              |                                                              |                                       |
| RR-3  | See § 245-103      |              |              |                    |              |              |                             |                        |                            |                    |                  |                  |                                  |                         |              |      |              |                                                              |                                       |
| R-20  | 20,000             | 100          | 125          | 25,000             | 100          | 125          | 40                          | 15                     | —                          |                    | 40               | 10               | 10                               | 25%                     | —            | 25   | 35           | 38.5                                                         | —                                     |
| R-15  | 15,000             | 100          | 115          | 17,250             | 100          | 115          | 35                          | 12                     | —                          |                    | 35               | 10               | 10                               | 25%                     | —            | 25   | 35           | 38.5                                                         | —                                     |
| R-10  | 10,000             | 90           | 100          | 10,500             | 100          | 100          | 30                          | 10                     | 20                         |                    | 20               | 5                | 5                                | 30%                     | —            | 25   | 35           | 38.5                                                         | —                                     |
| R-7.5 | 7,500              | 75           | 90           | 9,000              | 75           | 90           | 25                          | 6                      | 15                         |                    | 15               | 5                | 5                                | 30%                     | —            | 25   | 35           | 38.5                                                         | —                                     |
| R-5   | 5,000              | 50           | 75           | 6,000              | 50           | 75           | 20                          | 5                      | 12                         |                    | 15               | 5                | 5                                | 35%                     | —            | 25   | 35           | 38.5                                                         | —                                     |
| O-P   | 15,000             | 100          | 150          | 15,000             | 100          | 150          | 50                          | 10                     | —                          |                    | 50               | 20               | 50                               | 35%                     | 2            | —    | 35           | 38.5                                                         | 1,500                                 |
| B-1   | 10,000             | 100          | 90           | 12,500             | 100          | 125          | 30                          | 10                     | —                          |                    | 20               | 10               | 20                               | 30%                     | 2            | —    | 35           | 38.5                                                         | 1,000                                 |
| B-2   | 20,000             | 125          | 125          | 20,000             | 125          | 125          | 50                          | 10                     | —                          |                    | 50               | 10               | 50                               | 30%                     | 2            | —    | 35           | 38.5                                                         | 2,000                                 |
| B-3   | 2 acres            | 200          | 200          | 2 acres            | 200          | 200          | 75                          | 30                     | —                          |                    | 50               | 20               | 50                               | 25%                     | —            | —    | 35           | 38.5                                                         | 2,000                                 |
| B-4   | 5 acres            | 300          | 300          | —                  | —            | —            | 100                         | 50(150)                | —                          |                    | 100(150)         | 20               | 50                               | 25%                     | 3            | —    | 35           | 38.5                                                         | 30,000                                |
| M-1   | 5 acres            | 300          | 300          | 5 acres            | 300          | 300          | 100                         | 50                     | —                          |                    | 150              | 75               | 150                              | 30%                     | —            | —    | 35           | 38.5                                                         | 5,000                                 |
| R-M   | 25 acres           | 350          | 200          | —                  | —            | —            | 50                          | 50                     | —                          |                    | 30               | 30               | 30                               | 20%                     | —            | 25   | 35           | 38.5                                                         | —                                     |
| O-P-T | 40,000             | 150          | 150          | 40,000             | 150          | 150          | 50                          | 20                     | —                          |                    | 50               | 20               | 50                               | 25%                     | 2            | —    | 35           | 38.5                                                         | 2,000                                 |
| H-S   | See § 245-261.     |              |              |                    |              |              |                             |                        |                            |                    |                  |                  |                                  |                         |              |      |              |                                                              |                                       |

### NOTES

- 1 If adjacent to residential zone or use.
- 2 The maximum lot coverage shall refer only to that percentage of an affected lot which is suitable for building.
- 3 For rear yard setback requirements for accessory buildings on waterfront property, see § 245-10D.

FOR REFERENCE ONLY

# ENGINEERING PERMIT APPLICATION

RECEIVING CLERK \_\_\_\_\_

PERMIT #: \_\_\_\_\_

BLOCK: 838 LOT: 37 ADDRESS: 1627 Hoffman St**IDENTIFICATION:**1. WORK SITE ADDRESS: 1627 Hoffman St2. NAME OF OWNER IN FEE: Patrick MoranADDRESS: 1627 Hoffman St PHONE #: [REDACTED]Brick FAX #: ( )3. PRINCIPAL CONTRACTOR: WJR Home ServicesADDRESS: 1415 Lynckoff Rd PHONE #: (732) 919-8173Wall FAX #: (732) 938-3010

4. ARCHITECT OR ENGINEER: \_\_\_\_\_

ADDRESS: \_\_\_\_\_ PHONE: # ( )

5. RESPONSIBLE PERSON FOR WORK: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

PHONE #: ( ) FAX #: ( ) E-MAIL: \_\_\_\_\_PROJECT DESCRIPTION: ☐ GRADING/CLEARING ☐ ROAD OPENING☐ SOIL REMOVAL/FILL ☐ RETAINING WALL ☐ POOL☐ BULKHEAD/DOCK ☐ DWELLING ☐ TREE REMOVAL \_\_\_\_\_☒ OTHER Install Central A/C

LENGTH: \_\_\_\_\_ WIDTH: \_\_\_\_\_ HEIGHT: \_\_\_\_\_

**FEE SUMMARY:**

APPLICATION FEE: \$ \_\_\_\_\_

REVIEW FEE: \$ \_\_\_\_\_

INSPECTION FEE: \$ \_\_\_\_\_

OTHER: \$ \_\_\_\_\_

BOND(S): \$ \_\_\_\_\_

TOTAL: \$ \_\_\_\_\_

**SPECIAL CONDITIONS:**

OCEAN COUNTY SOILS: \_\_\_\_\_

DRAINAGE EASEMENTS: \_\_\_\_\_

UTILITY EASEMENTS: \_\_\_\_\_

CONSERVATION EASEMENTS: \_\_\_\_\_

FEMA REQUIREMENTS: \_\_\_\_\_

D.E.P. PERMITS: \_\_\_\_\_

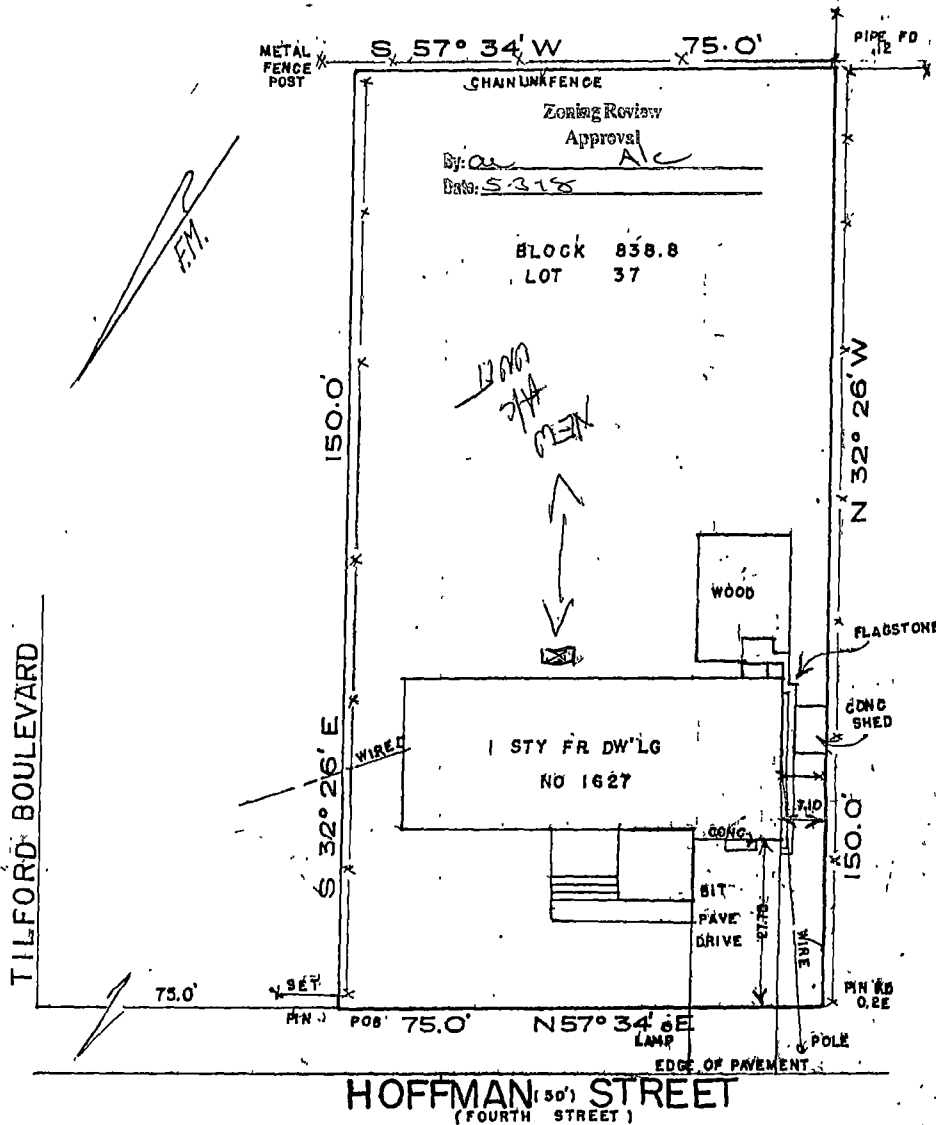
BOARD APPROVAL: ☐ PB ☐ ZB

APPLICATION NUMBER: \_\_\_\_\_

APPROVED DATE: \_\_\_\_\_

**ENGINEERING REVIEW:**

DATE RECEIVED: \_\_\_\_\_ DATE REJECTED: \_\_\_\_\_ DATE APPROVED: \_\_\_\_\_ INITIALS: \_\_\_\_\_



CERTIFIED TO: PATRICK J. MORAN & MARGHERITA MORAN, HIS WIFE, OCEAN FEDERAL SAVINGS AND LOAN ASSOCIATION, ITS SUCCESSORS AND/OR ASSIGNS AS THEIR INTEREST MAY APPEAR, COMMONWEALTH LAND TITLE INSURANCE COMPANY & SINN, FITZSIMMONS, CANTOLI, WEST & PARDES, P.A.

BEING KNOWN AND DESIGNATED AS LOTS 37, 38 AND 39, BLOCK 8 ON MAP OF "LAURELTON PARK COMPANY, MADE BY ROY T. HAVENS, DATED MARCH 3, 1927 AND FILED IN THE OCEAN COUNTY CLERK'S OFFICE ON SEPTEMBER 25, 1929 AS MAP NO. A-328.

# **SURVEY OF PROPERTY**

BRICK TOWNSHIP OCEAN COUNTY N.J.  
 SCALE 1" = 20' OCTOBER 14, 1988  
 LIC. NO. 19108

*Walter J. Partington*  
**WALTER J. PARTINGTON**  
 LICENSED LAND SURVEYOR  
 SPRING LAKE HEIGHTS N.J.  
 POINT PLEASANT BEACH N.J.

OFFSET DIMENSIONS FROM STRUCTURES TO PROPERTY LINES SHOWN HEREON ARE NOT TO BE USED FOR ESTABLISHING PROPERTY LINES

This certification is made only to named parties for purposes other than that of having delineated property by natural partition, the responsibility of liability is assumed by surveyor for use of survey for any other purpose including, but not limited to, use of survey for survey affidavit, resale of property, or to any other person not named to certification, either directly or indirectly.





Brick Township  
401 Chambersbridge Rd  
Brick, NJ 08723

Date Issued 6/29/2018  
Control Number C-18-001540  
Permit Number 18-1341  
Permit Issue Date 5/15/2018  
Certificate Number 18-1341

**Certificate**  
Construction Code Division  
(Certificate of Approval)

**Identification**

Work Site Location: 1627 HOFFMAN ST. Brick Township, NJ Block: 838 Lot: 37 Qual: \_\_\_\_\_  
Owner in Fee: MORAN, PATRICK J. & MARGHERITA  
Owner Address: 1627 HOFFMAN ST. BRICK NJ 08724  
Telephone: (908) 278-4412  
Contractor NJR HOME SERVICES  
Address 1415 WYCKOFF ROAD WALL NJ 07719  
Telephone: (877) 466-3657 Fax: (732) 938-3010  
License Number or Builders Registration Number: \_\_\_\_\_ Federal Emp. Number: 22-3609806

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: ALTERATION - RESIDENTIAL - ...REPLACE HWW

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: \_\_\_\_\_



# MECHANICAL INSPECTOR TECHNICAL SECTION



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

Block 838 Lot 37 Qualification Code \_\_\_\_\_  
Work Site Location 1627 HOFFMAN ST, Brck, NJ 08724  
Owner in Fee MORAN,PATRICK  
Tel. ( 908 ) 278-4412 e-mail \_\_\_\_\_  
Address 1627 HOFFMAN ST

Contractor NJR HOME SERVICES Tel. ( 732 ) 919-8090  
Address 1415 WYCKOFF RD, WALL TOWNSHIP, NJ 07719 e-mail NJRHSPermits@NJResources.com  
Contractor License No or Builder Registration No \_\_\_\_\_ Exp Date \_\_\_\_\_  
Home Improvement Contractor Registration No or Exemption Reason (if applicable) 13VH00361500  
Federal Emp ID No 22-3609806 FAX ( 732 ) 938-3010

## B. MECHANICAL CHARACTERISTICS

Use Group: Present R-3, R-4 or R-5(circle one) Proposed R-3, R-4 or R-5(circle one)  
Heating System Work: [ ] New OR [ ] Modification to Existing OR [ ] Conversion OR [ ] Replacement

Type [ ] Hydronic [ ] Hot Air

Fuel Type [ ] Gas [ ] Oil [ ] Electric [ ] Solar [ ] Other

Estimated Cost of Mechanical Work \$ 3646.00

| JOB SUMMARY (Office Use Only)        |             | INSPECTIONS     |         | DATES   |                  |
|--------------------------------------|-------------|-----------------|---------|---------|------------------|
| PLAN REVIEW                          |             | Type            | Failure | Failure | Approval Initial |
| [ ] No Plans Required                |             | Gas Piping      | _____   | _____   | _____            |
| [ ] Mechanical Plans Approved        |             | Appliance       | _____   | _____   | _____            |
| Date                                 | Approved By | Chimney/Vent    | _____   | _____   | _____            |
| [ ] Fire Protection Plans Approved   | Date        | Oil Piping      | _____   | _____   | _____            |
| Joint Plan Review Required           | Approved By | Oil Tank        | _____   | _____   | _____            |
| [ ] Bldg [ ] Elec [ ] Plumb [ ] Fire |             | LPG Tank        | _____   | _____   | _____            |
| [ ] Elev                             |             | Hydronic Piping | _____   | _____   | _____            |
| SUBCODE APPROVAL for PERMIT          |             | Fireplace       | _____   | _____   | _____            |
| Date                                 | 5-10-18     | Chimney Cert.   | _____   | _____   | _____            |
| Approved By                          | [Signature] | Other           | _____   | _____   | _____            |
| SUBCODE APPROVAL for CERTIFICATE     |             |                 |         |         |                  |
| [ ] CA [ ] CCO                       |             |                 |         |         |                  |
| Date                                 | 6-25-18     |                 |         |         |                  |
| Approved By                          | [Signature] |                 |         |         |                  |

UCC F145 (rev 11/09)

For reorder call (609) 390-1400 Allegra Marketing Print Mail (formerly OCS Printing)

Date Received  
Control #  
Date Issued  
Permit #

5/15/18  
13-1341

## C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I am the present owner of record and am authorized to make this application

Sign here

Print name here Edward B. Glashan

## D. TECHNICAL SITE DATA

### DESCRIPTION OF WORK

DIRECT REPLACEMENT OF GAS WATER HEATER

NO

### FIXTURE/EQUIPMENT

1 Water Heater  
Fuel Oil Piping Connections  
Gas Piping Connections  
Steam Boiler  
Hot Water Boiler  
Hot Air Furnace  
Oil Tank  
LPG Tank  
Fireplace  
Other

### FEE (Office Use Only)

\$ \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Administrative Surcharge \$

Minimum Fee \$

State Permit Surcharge Fee \$

TOTAL FEE \$

UCC F145 (rev 11/09)





# MECHANICAL INSPECTOR TECHNICAL SECTION



Update

Date Received  
Control #  
Date Issued  
Permit #

5/15/18  
18-1341 +A

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

Block 838 Lot 37 Qualification Code  
Work Site Location 1627 HOFFMAN ST, Bnck, NJ 08724  
Owner in Fee MORAN,PATRICK  
Tel ( 908 ) 238-4412 e-mail  
Address 1627 HOFFMAN ST

## C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I am the agent of the owner of record and am authorized to make this application

Sign here

Print name here Frank Casey

## D. TECHNICAL SITE DATA

### DESCRIPTION OF WORK

DIRECT REPLACEMENT OF GAS FURNACE / AC ADD ON

Contractor NJR HOME SERVICES Tel. ( 732 ) 919-8090  
Address 1415 WYCKOFF RD, WALL TOWNSHIP, NJ 07719 e-mail NJRHSpermits@NJResources.com  
Contractor License No or Builder Registration No Exp Date  
Home Improvement Contractor Registration No or Exemption Reason (if applicable) 13VH00361500  
Federal Emp ID No. 22-3609806 FAX ( 732 ) 938-3010

## B. MECHANICAL CHARACTERISTICS

Use Group: Present R-3, R-4 or R-5(circle one) Proposed R-3, R-4 or R-5(circle one)  
Heating System Work: [ ] New OR [ ] Modification to Existing OR [ ] Conversion OR [X] Replacement

Type [ ] Hydronic [X] Hot Air

Fuel Type [X] Gas [ ] Oil [ ] Electric [ ] Solar [ ] Other

Estimated Cost of Mechanical Work \$ 3646 00

NO

FIXTURE/EQUIPMENT

FEE (Office Use Only)

Water Heater

\$

Fuel Oil Piping Connections

Gas Piping Connections

Steam Boiler

Hot Water Boiler

1

Hot Air Furnace

Oil Tank

LPG Tank

Fireplace

1

Other CENTRAL AC

### JOB SUMMARY (Office Use Only)

#### PLAN REVIEW

[ ] No Plans Required

[ ] Mechanical Plans Approved

Date Approved By

[ ] Fire Protection Plans Approved

Date Approved By

Joint Plan Review Required

[ ] Bldg. [ ] Elec [ ] Plumb [ ] Fire

[ ] Elev

#### SUBCODE APPROVAL for PERMIT

Date 5-10-18

Approved By

#### SUBCODE APPROVAL for CERTIFICATE

[ ] CA [ ] CCO

Date 6-25-18

Approved By

### INSPECTIONS

Type

Gas Piping

Appliance

Chimney/Vent

Oil Piping

Oil Tank

LPG Tank

Hydronic Piping

Fireplace

Chimney Cert.

Other Final

### DATES

Failure Failure Approval Initial

6-22-18



# ELECTRICAL SUBCODE TECHNICAL SECTION



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

Block 838 Lot 37 Qualification Code \_\_\_\_\_

Work Site Location 1627 HOFFMAN ST, Brick, NJ 08724

Owner in Fee MORAN,PATRICK

Tel ( 908 ) 278-4412 e-mail \_\_\_\_\_

Address 1627 HOFFMAN ST 08724

Contractor NJR HOME SERVICES Tel ( 732 ) 938-1105

Address 1415 WYCKOFF RD e-mail NJRHSpermits@NJResources.com

WALL TOWNSHIP,NJ 07719

Contractor License No. or Builder Registration No 34EB01231200 Exp Date 03/21

Home Improvement Contractor Registration No or Exemption Reason (if applicable) 13VH00361500

Federal Emp ID No 22-3609806 FAX ( 732 ) 938-3010

**B. ELECTRICAL CHARACTERISTICS**

Use Group: Present ☒ Proposed ☐

[ ☐ Pole/Pad # \_\_\_\_\_ ] Temporary [ ☐ Other \_\_\_\_\_

Building Occupied as \_\_\_\_\_ Utility Co \_\_\_\_\_

Estimated Cost of Elec Work \$ 3646 00

## JOB SUMMARY (Office Use Only)

**PLAN REVIEW**

[ ☐ No Plans Required ] Type \_\_\_\_\_ Failure \_\_\_\_\_

[ ☐ Partial - Underslab Utilities Approved ] Rough \_\_\_\_\_

Date \_\_\_\_\_ Approved By \_\_\_\_\_ Barrier-Free \_\_\_\_\_

[ ☒ Electric Plans Approved SPES ] Trench \_\_\_\_\_

Date 5/8/18 Approved By AJZ Temp Serv \_\_\_\_\_

Joint Plan Review Required \_\_\_\_\_ Constr Serv \_\_\_\_\_

[ ☐ Bldg [ ☐ Plumb. [ ☐ Fire [ ☐ Elev \_\_\_\_\_

TCO \_\_\_\_\_

Other \_\_\_\_\_

Service \_\_\_\_\_

Final \_\_\_\_\_

Barrier-Free \_\_\_\_\_

Temp Cut-in-Card Date Issued \_\_\_\_\_

Final Cut-in-Card Date Issued \_\_\_\_\_

Annual Pool Inspection \_\_\_\_\_

Date of Grounding and Bonding \_\_\_\_\_

Certification \_\_\_\_\_

Approved By \_\_\_\_\_

## C. CERTIFICATION IN JURE OF OATH

I hereby certify that I am the agent of the contractor and am authorized to make the application and perform the work shown on this application.

Applicant sign/Contractor sign and seal here \_\_\_\_\_

Print name here Daniel Kearney

[X] Licensed Elec Contractor [ ] Landscaping Irrigation Contractor [ ] Exempt

**D. TECHNICAL SITE DATA**

**DESCRIPTION OF WORK DIRECT REPLACEMENT GAS FURNACE & PANEL / AC ADD**

**QTY. SIZE**

ITEMS

Lighting Fixtures

Receptacles

Switches

Detectors

Light Poles

Motors-Frac HP

Emergency & Ext 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 New

HP KW Space Heater/Air Handler furnace

KW Baseboard Heat

HP Motors 1/+HP

KW Transformer/Generator

AMP Service Panel

AMP Subpanels

AMP Motor Control Center

KW Elec Sign/Outline Light

GAS FURNACE

**DISCONNECT**

**Administrative Surcharge \$**

**Minimum Fee \$**

**State Permit Surcharge Fee \$**

**TOTAL FEE \$**

**To Reorder Call**

**Allegra Marketing, Print & Mail**

**(809)-390-1400**



# PERMIT UPDATE

Date Update Issued 5/15/18  
Control # C-18-001540+A  
Permit # +A

18-1341

IDENTIFICATION Block 838 Lot 37 Qualifier \_\_\_\_\_  
Work Site Location 1627 HOFFMAN ST. Brick Township, NJ Contractor NJR HOME SERVICES  
Address 1415 WYCKOFF ROAD WALL NJ 07719  
Owner in Fee MORAN, PATRICK J. & MARGHERITA  
1627 HOFFMAN ST. BRICK NJ 08724 Telephone (877) 466-3657  
Lic No or Bldrs Reg No 19HC00366400 13VH00361500  
Telephone (908) 278-4412 Federal Employee No \_\_\_\_\_

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

ALTERATION - RESIDENTIAL ...REPLACE FURNACE AND NEW 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 \$3,646

Construction Official Michael J. [Signature] Date 5/11/18

UCC F170  
equiv (rev 1/04)

1 WHITE - INSPECTOR

2 CANARY - OFFICE

3 PINK - TAX ASSESSOR

4 GOLD - APPLICANT

## PAYMENTS (Office Use Only)

|                                 |              |
|---------------------------------|--------------|
| Building                        | \$0          |
| Electrical                      | \$0          |
| Plumbing                        | \$0          |
| Fire Protection                 | \$0          |
| Elevator Devices                | \$0          |
| Other                           | \$150.00     |
| DCA Training Fee                | \$7          |
| CO Fee                          |              |
| Other                           | \$0          |
| <b>Total</b>                    | <b>\$157</b> |
| Check No <u>46357</u>           |              |
| Cash                            | \$0          |
| Credit                          | \$0          |
| Collected By <u>[Signature]</u> |              |

## 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 for 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.



# CONSTRUCTION PERMIT

Date Issued 5/15/18  
Control # C-18-001540  
Permit # 18-1341

IDENTIFICATION Block 838 Lot 37 Qualifier: \_\_\_\_\_  
Work Site Location 1627 HOFFMAN ST. Brick Township, NJ Contractor NJR HOME SERVICES  
Address 1415 WYCKOFF ROAD WALL NJ 07719  
Owner in Fee MORAN, PATRICK J. & MARGHERITA  
1627 HOFFMAN ST. BRICK NJ 08724 Telephone (877) 466-3657  
Lic No or Bldrs Reg No 19HC00366400 13VH00361500  
Telephone (908) 278-4412 Federal Employee No 223609888

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

ALTERATION - RESIDENTIAL ...REPLACE HWH

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 \$7,292

Construction Official Denise 7 Newman Date 5/11/18

UCC F170  
equiv (rev 1/04)

1 WHITE - INSPECTOR

2 CANARY - OFFICE

3 PINK - TAX ASSESSOR

4 GOLD - APPLICANT \$150.00

## 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.

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- 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 for 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 N.J.A.C. 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.

## PAYMENTS (Office Use Only)

Building \_\_\_\_\_ \$0  
Electrical \_\_\_\_\_ \$150  
Plumbing \_\_\_\_\_ \$0  
Fire Protection \_\_\_\_\_ \$0  
Elevator Devices \_\_\_\_\_ \$0  
Other \_\_\_\_\_ \$125.00  
DCA Training Fee \_\_\_\_\_ \$14  
CO Fee \_\_\_\_\_  
Other \_\_\_\_\_ \$0  
Total \_\_\_\_\_ \$289  
Check No. 416351  
Cash \_\_\_\_\_ \$0  
Credit 11-11-1100-00155847360  
Collected By CHAD SERI

75  
\$364

\$150.00  
\$15.00  
\$75.00  
\$364.00



Brick Township  
401 Chambers Bridge Rd  
Brick, NJ 08723  
(732) 262-1336

Date Issued. 5/15/18  
Application Number ZA-18-00505  
Application Date: 5/3/2018  
Project Number.  
Permit Number. 2P-18-0051  
Fee \$75.00

## Zoning Permit

Worksite **1627 HOFFMAN ST.**  
Location **Brick Township, NJ 08724**

Owner: **MORAN, PATRICK J. & MARGHERITA**  
Address: **1627 HOFFMAN ST.**  
**BRICK, NJ 08724**

Applicant: **NJR HOME SERVICES**  
Address: **1415 WYCKOFF ROAD**  
**WALL, NJ 07719**

Block. 838 Lot 37 Qualifier \_\_\_\_\_ Zone: R-7.5

This Certifies that an application for the issuance of a Zoning Permit has been examined

Present Use: Single-Family Residential

☐ Non Conforming Use

☐ Non Conforming Structure

Proposed Use: Single-Family Residential

### Work Description

**Air-Conditioner Condenser Unit - RA13 RUUD Series Air Conditioner**

**The A/C unit must be setback at least 25' from the front property line, a minimum of 6'/15' combined from the side property line, 15' from the rear property line.**

**Additional Zoning permit is required for additional work.**

Application Approved Date. 5/3/2018

Upon review it was determined that the Zoning Permit

☒ Permitted by Ordinance

☐ Permitted by Variance approved on: \_\_\_\_\_

☐ Approved with Conditions

☐ Valid Nonconforming Use/Structure is established by

☐ Zoning Board of Adjustment

☐ Zoning Officer

Christopher J. Romano, Assistant Zoning Officer

5/3/2018

Date

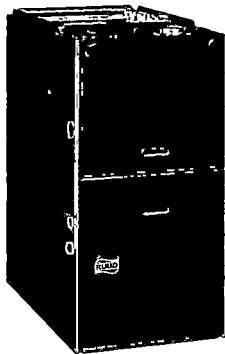
Sean Kinnevy, Zoning Officer

Date



GAS FURNACES  
RGPS SERIES

## **Ruud Value Series Upflow/Horizontal Gas Furnace**



### **RGPS- Series**

80% A.F.U.E.†

Input Rates 50-150 kBTU

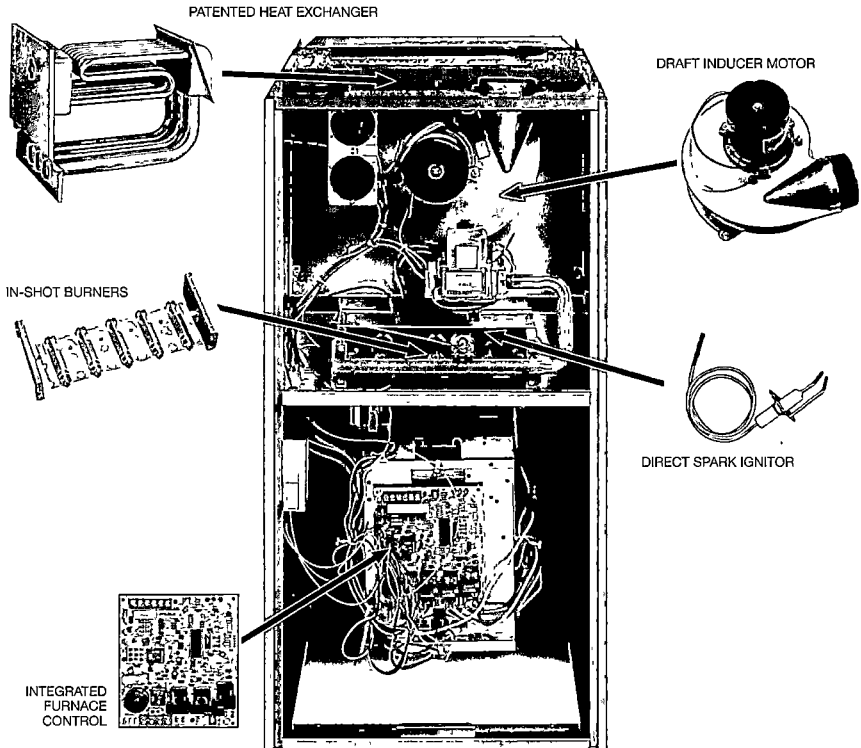


† A.F.U.E. (Annual Fuel Utilization Efficiency) calculated in accordance with Department of Energy test procedures

- The Ruud Value Series line of upflow/horizontal gas furnaces are designed for utility rooms, closets, alcoves, or attics. **Because of the model's low-profile 34 inch [864 mm] height, the upflow model can also be used to satisfy most applications that traditionally call for a horizontal furnace.**
- The design is certified by CSA International.
- Unique solid door design leads to quiet operation
- Patented heat exchanger, constructed of aluminized steel for the maximum in corrosion resistance and thermal fatigue reliability
- Low profile "34 inch" [864 mm] design is lighter and easier to handle, and leaves room for optional equipment
- Convertible from upflow to horizontal left or right without field conversion
- Left or right side gas and electric inlet connections allow quick and simple change
- Direct spark ignition with remote sense, features a integrated board with an electronic air cleaner hookup
- Prepaint galvanized steel cabinet
- A slow-open gas valve and a specially designed draft inducer motor make it one of the quietest furnaces on the market today
- Grab-holes in doors to aid in easy door removal and replacement
- A variety of cooling coils and plenums designed to use with Ruud Value Series gas furnaces are available as optional accessories

RELY ON RUUD.™

FORM NO. G22 520 REV. 1



## STANDARD EQUIPMENT

Completely assembled and wired, induced draft, pressure switch, redundant main gas control, blower compartment door safety switch, solid state time on/time off blower control, limit control, manual shut-off valve, pressure regulator for natural and L.P. (propane) gas, transformer, direct drive multi-speed blower motor. Furnaces are equipped with cooling/heating relay and transformer (40VA) ready for air conditioning applications. (Please note: a thermostat is not included as standard equipment.) Flame sensor diagnostics.

## OPTIONAL EQUIPMENT

Twinning Kit

Side and bottom filter frame assembly. Return air cabinet for all sizes.  
**NOTE:** Furnace is not listed for use with fuels other than natural or L.P. (propane) gas.

The complete terms of limited and other warranties are available at our sales office, or through local installer.

All models can be converted by a qualified Ruud distributor or local service dealer to use L.P. (propane) gas without changing burners. Factory approved kits must be used to convert from natural to L.P. (propane) gas and may be ordered as optional accessories from a Ruud parts distributor.

For L.P. (propane) operation, refer to Conversion Kit Index Form.

**NOTE:** For natural and L.P. (propane) gas models, standard hot surface ignition is 100% safety lockout type.

## WARNING

THIS FURNACE IS NOT APPROVED  
OR RECOMMENDED  
FOR USE IN MOBILE HOMES

## Model Features

- The design is certified by CSA International
- Unique solid door design leads to quiet operation.
- Patented heat exchanger, constructed of aluminized steel for the maximum in corrosion resistance and thermal fatigue reliability
- Low profile "34 inch" [864 mm] design is lighter and easier to handle, and leaves room for optional equipment
- Convertible from upflow to horizontal left or right without field conversion.
- Left or right side gas and electric inlet connections allow quick and simple change
- Direct spark ignition with remote sense, features a integrated board with an electronic air cleaner hookup.
- Prepaint galvanized steel cabinet.
- A slow-open gas valve and a specially designed draft inducer motor make it one of the quietest furnaces on the market today
- Grab-holes in doors to aid in easy door removal and replacement

## Physical Data and Specifications

| MODEL NUMBERS<br>RGPS-SERIES                            | 05EAUER<br>05NAUER                 | 07EAUER<br>07NAMER                 | 07EAMGR<br>07NAMGR                 | 10EAUER                            | 10EBRGR                            | 10EBRJR<br>10NBRJR                 | 12EARJR                            | 15EARJR                            |
|---------------------------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| Input-BTU/Hr [kW] Ⓞ                                     | 50,000 [15]                        | 75,000 [22]                        | 75,000 [22]                        | 100,000 [29]                       | 100,000 [29]                       | 100,000 [29]                       | 125,000 [37]                       | 150,000 [44]                       |
| Heating Capacity BTU/Hr [kW] Ⓞ                          | 41,000 [12]                        | 60,000 [18]                        | 60,000 [18]                        | 80,000 [23]                        | 80,000 [23]                        | 80,000 [23]                        | 99,000 [29]                        | 119,000 [35]                       |
| Heat Ex. Static Pressure [kPa]                          | 10 [ 025]                          | 12 [ 029]                          | 12 [ 029]                          | 15 [ 037]                          | 15 [ 037]                          | 15 [ 037]                          | 20 [ 05]                           | 20 [ 05]                           |
| Blower (D x W) [mm]                                     | 11 x 6<br>[279 x 152]              | 11 x 7<br>[279 x 178]              | 11 x 7<br>[279 x 178]              | 11 x 7<br>[279 x 178]              | 11 x 10<br>[279 x 254]             | 11 x 10<br>[279 x 254]             | 11 x 10<br>[279 x 254]             | 11 x 10<br>[279 x 254]             |
| Motor H P—Speed—<br>PSC Type [W]                        | 1/2 4-PSC<br>[373]                 | 1/2 3-PSC<br>[373]                 | 1/2 3-PSC<br>[373]                 | 1/2 3-PSC<br>[373]                 | 1/2 3-PSC<br>[373]                 | 3/4 3-PSC<br>[560]                 | 3/4 3-PSC<br>[560]                 | 3/4 3-PSC<br>[560]                 |
| Motor Full Load Amps                                    | 6 8                                | 5 8                                | 7 9                                | 7 1                                | 7 9                                | 9 5                                | 9 5                                | 9 5                                |
| Heating Speed                                           | Med-Low                            | Med                                | Med                                | Med                                | Med                                | Low                                | Low                                | Low                                |
| Cooling Speed                                           | High                               | High                               | High                               | High                               | High                               | Med                                | Med                                | Med                                |
| Cooling CFM @ 5" E S P<br>(Nominal) [L/s]               | 1200<br>[566]                      | 1200<br>[566]                      | 1600<br>[755]                      | 1200<br>[566]                      | 1845<br>[871]                      | 2060<br>[922]                      | 2115<br>[998]                      | 2080<br>[982]                      |
| Max E S P (in WC) [kPa]                                 | 0 5 [ 12]                          | 0 5 [ 12]                          | 0 5 [ 12]                          | 0 5 [ 12]                          | 0 5 [ 12]                          | 0 5 [ 12]                          | 0 5 [ 12]                          | 0 5 [ 12]                          |
| Temperature Rise Range °F<br>[°C]                       | 25-55<br>[13 9-30 6]               | 35-65<br>[19 4-36 1]               | 25-55<br>[13 9-30 6]               | 45-75<br>[250-41 7]                | 30-60<br>[16 7-33 3]               | 30-60<br>[16 7-33 3]               | 35 65<br>[19 4-36 1]               | 50-80<br>[27 8-44 4]               |
| Max Outlet Air Temp °F<br>[°C]                          | 155<br>[68 3]                      | 165<br>[73 8]                      | 155<br>[68 3]                      | 190<br>[87 7]                      | 170<br>[76 6]                      | 170<br>[76 6]                      | 180<br>[82 2]                      | 190<br>[87 7]                      |
| Approx. Shipping Weight (Lbs.)<br>[kg]                  | 85<br>[39]                         | 105<br>[48]                        | 105<br>[48]                        | 115<br>[52]                        | 120<br>[54]                        | 120<br>[54]                        | 140<br>[63]                        | 150<br>[68]                        |
| Standard Filter (in.)<br>[mm]                           | 15 3/4 x 25<br>[400 x 635]         | 15 3/4 x 25<br>[400 x 635]         | 15 3/4 x 25<br>[400 x 635]         | 15 3/4 x 25<br>[400 x 635]         | 19 3/4 x 25<br>[489 x 635]         | 19 3/4 x 25<br>[489 x 635]         | 22 3/4 x 25<br>[578 x 635]         | 22 3/4 x 25<br>[578 x 635]         |
| Return Air Cabinets<br>(Opt.) RXGR-<br>Filter Size [mm] | C14B<br>(2) 12 x 16<br>[305 x 406] | C17B<br>(2) 12 x 16<br>[305 x 406] | C17B<br>(2) 12 x 16<br>[305 x 406] | C17B<br>(2) 12 x 16<br>[305 x 406] | C21B<br>(2) 20 x 16<br>[508 x 406] | C21B<br>(2) 20 x 16<br>[508 x 406] | C24B<br>(2) 24 x 16<br>[610 x 406] | C24B<br>(2) 24 x 16<br>[610 x 406] |
| AFUE-H S I Models Ⓞ                                     | 80 0%                              | 80 0%                              | 80 0%                              | 80 0%                              | 80 0%                              | 80 0%                              | 80 0%                              | 80 0%                              |

NOTES All models are 115V, 60HZ, 1 Ph. Gas connection size for all models is 1/2" [12 mm] N PT

Ⓞ In accordance with D O E test procedures

Ⓞ See Conversion Kit Index Form for high altitude derate

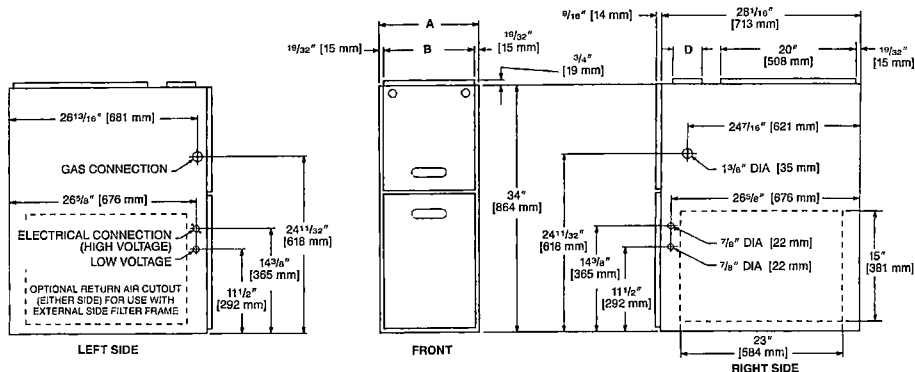
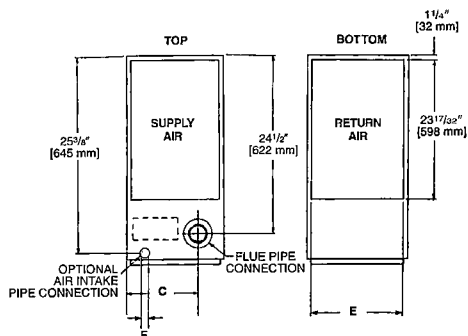
[ ] Designates Metric Conversions

## Model Number Identification

| <u>R</u> | <u>G</u>       | <u>P</u>                                                      | <u>S</u>                                  | — | <u>07E</u>                | <u>A</u>                                                    | <u>M</u>                                                                                               | <u>G</u>                                                                                        | <u>R</u>                                                                            |
|----------|----------------|---------------------------------------------------------------|-------------------------------------------|---|---------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Ruud     | Gas<br>Furnace | P = Upflow/<br>Horizontal<br>Multi-<br>Positional<br>Tier III | Design Series<br>S = 2nd<br>Design Series |   | Heating Input Designation | Variaions<br>A = Standard<br>Cabinet<br>B = Wide<br>Cabinet | Blower Designation (mm)<br>U = 11 x 6 [279 x 152]<br>M = 11 x 7 [279 x 178]<br>R = 11 x 10 [279 x 254] | Heating & Cooling<br>Designation<br>E = 1100-1300(3R)<br>G = 1500-1700(4R)<br>J = 1900-2100(5R) | Fuel<br>R = Natural Gas -<br>CSA -<br>United States<br>& Canada<br>(North American) |
|          |                |                                                               |                                           |   | Electric<br>Ignition      |                                                             |                                                                                                        |                                                                                                 |                                                                                     |
|          |                |                                                               |                                           |   | NOx                       | Input                                                       |                                                                                                        |                                                                                                 |                                                                                     |
|          |                |                                                               |                                           |   | 05E                       | 05N                                                         | 50,000 [15]                                                                                            |                                                                                                 |                                                                                     |
|          |                |                                                               |                                           |   | 07E                       | 07N                                                         | 75,000 [22]                                                                                            |                                                                                                 |                                                                                     |
|          |                |                                                               |                                           |   | 10E                       | 10N                                                         | 100,000 [28]                                                                                           |                                                                                                 |                                                                                     |
|          |                |                                                               |                                           |   | 12E                       | 12N                                                         | 125,000 [37]                                                                                           |                                                                                                 |                                                                                     |
|          |                |                                                               |                                           |   | 15E                       | 15N                                                         | 150,000 [44]                                                                                           |                                                                                                 |                                                                                     |

[ ] Designates Metric Conversions

## Upflow Application



## Dimensional Data: Upflow Model

| MODEL<br>RGPS-      | A            | B               | C            | D | E            | F          | REDUCED CLEARANCE (IN.) (mm) |               |      |        |        |           | SHIP. WGTs<br>(LBS.) (kg) |
|---------------------|--------------|-----------------|--------------|---|--------------|------------|------------------------------|---------------|------|--------|--------|-----------|---------------------------|
|                     |              |                 |              |   |              |            | LEFT<br>SIDE                 | RIGHT<br>SIDE | BACK | TOP    | FRONT  | VENT      |                           |
| 05                  | 14 [356]     | 12 7/32 [326]   | 10 5/8 [270] | ⊙ | 11 1/2 [292] | 1 7/8 [48] | 0                            | 4 [102] ⊙     | 0    | 1 [25] | 3 [76] | 6 [152] ⊙ | 85 [38.6]                 |
| 07                  | 17 1/2 [445] | 16 1 1/32 [415] | 12 3/8 [314] | ⊙ | 15 [381]     | 2 1/2 [64] | 0                            | 3 [76] ⊙      | 0    | 1 [25] | 3 [76] | 6 [152] ⊙ | 105 [47.6]                |
| 10EA                | 17 1/2 [445] | 16 1 1/32 [415] | 12 3/8 [314] | ⊙ | 15 [381]     | 2 1/2 [64] | 0                            | 3 [76] ⊙      | 0    | 1 [25] | 3 [76] | 6 [152] ⊙ | 115 [52.2]                |
| 10BRGR &<br>10EBRJR | 21 [533]     | 19 27/32 [504]  | 14 1/8 [359] | ⊙ | 18 1/2 [470] | 2 1/2 [64] | 0                            | 0             | 0    | 1 [25] | 3 [76] | 6 [152] ⊙ | 120 [54.4]                |
| 12                  | 24 1/2 [622] | 23 1 1/32 [593] | 15 7/8 [403] | ⊙ | 22 [559]     | 2 1/2 [64] | 0                            | 0             | 0    | 1 [25] | 3 [76] | 6 [152] ⊙ | 140 [63.5]                |
| 15                  | 24 1/2 [622] | 23 1 1/32 [593] | 15 7/8 [403] | ⊙ | 22 [559]     | 2 1/2 [64] | 0                            | 0             | 0    | 1 [25] | 3 [76] | 6 [152] ⊙ | 150 [68]                  |

NOTES ⊙ May require a 3" [76 mm] to 4" [102 mm] or 3" [76 mm] to 5" [127 mm] adapter

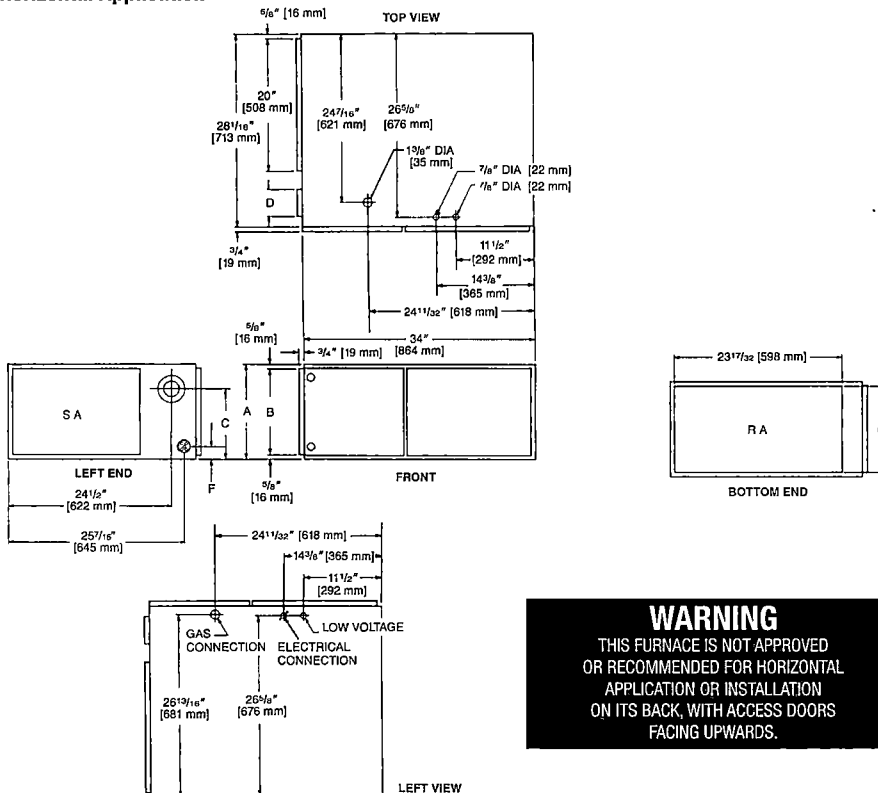
⊙ May be 0" [0 mm] with type B vent

⊙ May be 1" [25 mm] with type B vent

Furnaces must be vented in accordance with the National Fuel Gas Code, ANSI Z223.1 and/or Can/CGA-B149 Installation Codes and in accordance with local codes.

[ ] Designates Metric Conversions

## Horizontal Application



## Dimensional Data: Horizontal Model

| MODEL<br>RGPS-     | A            | B               | C            | D | E            | F          | REDUCED CLEARANCE (IN.) [mm] |               |      |        |        |           | SHIP. WGTs<br>(LBS.) [Kg] |
|--------------------|--------------|-----------------|--------------|---|--------------|------------|------------------------------|---------------|------|--------|--------|-----------|---------------------------|
|                    |              |                 |              |   |              |            | LEFT<br>SIDE                 | RIGHT<br>SIDE | BACK | TOP    | FRONT  | VENT      |                           |
| 05                 | 14 [356]     | 12 27/32 [326]  | 10 5/8 [270] | ⊕ | 11 1/2 [292] | 1 7/8 [48] | 0                            | 4 [102] ⊕     | 0    | 1 [25] | 3 [76] | 6 [152] ⊕ | 85 [38.6]                 |
| 07                 | 17 1/2 [445] | 16 1 1/32 [415] | 12 3/8 [314] | ⊕ | 15 [381]     | 2 1/2 [64] | 0                            | 3 [76] ⊕      | 0    | 1 [25] | 3 [76] | 6 [152] ⊕ | 105 [47.6]                |
| 10EA               | 17 1/2 [445] | 16 1 1/32 [415] | 12 3/8 [314] | ⊕ | 15 [381]     | 2 1/2 [64] | 0                            | 3 [76] ⊕      | 0    | 1 [25] | 3 [76] | 6 [152] ⊕ | 115 [52.2]                |
| 10BRGR &<br>10EBRJ | 21 [533]     | 19 27/32 [504]  | 14 1/8 [359] | ⊕ | 18 1/2 [470] | 2 1/2 [64] | 0                            | 0             | 0    | 1 [25] | 3 [76] | 6 [152] ⊕ | 120 [54.4]                |
| 12                 | 24 1/2 [622] | 23 1 1/32 [593] | 15 7/8 [403] | ⊕ | 22 [559]     | 2 1/2 [64] | 0                            | 0             | 0    | 1 [25] | 3 [76] | 6 [152] ⊕ | 140 [63.5]                |
| 15                 | 24 1/2 [622] | 23 1 1/32 [593] | 15 7/8 [403] | ⊕ | 22 [559]     | 2 1/2 [64] | 0                            | 0             | 0    | 1 [25] | 3 [76] | 6 [152] ⊕ | 150 [68]                  |

NOTES ⊕ May require a 3" [76 mm] to 4" [102 mm] or 3" [76 mm] to 5" [127 mm] adapter

⊕ May be 0" [0 mm] with type B vent

⊕ May be 1" [25 mm] with type B vent

Furnaces must be vented in accordance with the National Fuel Gas Code, ANSI Z223.1 and/or Can/CGA-8149 Installation Codes and in accordance with local codes

[ ] Designates Metric Conversions

## Blower Performance Data

| MODEL<br>NUMBER<br>RGPS-<br>SERIES | BLOWER<br>SIZE<br>(mm) | MOTOR<br>H.P.<br>[W] | BLOWER<br>SPEED | CFM (L/s) AIR DELIVERY<br>EXTERNAL STATIC PRESSURE INCHES [kPa] WATER COLUMN |             |             |             |            |            |            |
|------------------------------------|------------------------|----------------------|-----------------|------------------------------------------------------------------------------|-------------|-------------|-------------|------------|------------|------------|
|                                    |                        |                      |                 | .1 [.02]                                                                     | .2 [.05]    | .3 [.07]    | .4 [.10]    | .5 [.12]   | .6 [.15]   | .7 [.17]   |
|                                    |                        |                      |                 |                                                                              |             |             |             |            |            |            |
| 05EAUER<br>05NAUER                 | 11 x 6<br>[279 x 152]  | 1/2<br>[373]         | LOW             | 675 [319]                                                                    | 655 [309]   | 635 [300]   | 610 [288]   | 585 [276]  | 555 [262]  | 520 [245]  |
|                                    |                        |                      | MED-LO          | 950 [448]                                                                    | 930 [439]   | 905 [427]   | 880 [415]   | 860 [406]  | 830 [392]  | 800 [380]  |
|                                    |                        |                      | MED-HI<br>HIGH  | 1115 [526]                                                                   | 1090 [514]  | 1070 [505]  | 1040 [491]  | 1015 [479] | 985 [465]  | 945 [446]  |
| 07EAMER<br>07NAMER                 | 11 x 7<br>[279 x 178]  | 1/2<br>[373]         | LOW             | 1093 [563]                                                                   | 1066 [503]  | 1039 [490]  | 1008 [476]  | 977 [461]  | 941 [444]  | 905 [427]  |
|                                    |                        |                      | MED             | 1241 [586]                                                                   | 1212 [572]  | 1183 [558]  | 1150 [543]  | 1118 [528] | 1076 [508] | 1033 [487] |
|                                    |                        |                      | HIGH            | 1393 [657]                                                                   | 1359 [642]  | 1326 [628]  | 1293 [610]  | 1259 [594] | 1214 [573] | 1169 [552] |
| 07EAMGR<br>07NAMGR                 | 11 x 7<br>[279 x 178]  | 1/2<br>[373]         | LOW             | 1245 [588]                                                                   | 1220 [576]  | 1195 [564]  | 1165 [550]  | 1135 [536] | 1105 [522] | 1065 [503] |
|                                    |                        |                      | MED             | 1555 [734]                                                                   | 1515 [715]  | 1475 [696]  | 1435 [677]  | 1395 [658] | 1350 [637] | 1300 [614] |
|                                    |                        |                      | HIGH            | 1810 [854]                                                                   | 1755 [820]  | 1705 [805]  | 1645 [776]  | 1585 [748] | 1530 [722] | 1470 [694] |
| 10EAMER                            | 11 x 7<br>[279 x 178]  | 1/2<br>[373]         | LOW             | 1050 [496]                                                                   | 1040 [491]  | 1030 [486]  | 990 [467]   | 960 [453]  | 920 [434]  | 890 [420]  |
|                                    |                        |                      | MED             | 1220 [576]                                                                   | 1195 [564]  | 1160 [547]  | 1140 [538]  | 1105 [522] | 1065 [503] | 1020 [481] |
|                                    |                        |                      | HIGH            | 1410 [665]                                                                   | 1380 [651]  | 1345 [635]  | 1300 [614]  | 1255 [592] | 1205 [569] | 1150 [543] |
| 10EBRGR                            | 11 x 10<br>[279 x 254] | 1/2<br>[373]         | LOW             | 1295 [611]                                                                   | 1275 [602]  | 1250 [590]  | 1225 [578]  | 1195 [564] | 1165 [550] | 1135 [536] |
|                                    |                        |                      | MED             | 1645 [776]                                                                   | 1615 [762]  | 1580 [746]  | 1550 [732]  | 1510 [713] | 1465 [691] | 1425 [673] |
|                                    |                        |                      | HIGH            | 2045 [965]                                                                   | 2000 [944]  | 1955 [923]  | 1905 [899]  | 1845 [871] | 1785 [842] | 1720 [812] |
| 10EBRJR<br>10NBRJR                 | 11 x 10<br>[279 x 254] | 3/4<br>[559]         | LOW             | 1645 [776]                                                                   | 1615 [762]  | 1580 [746]  | 1550 [732]  | 1510 [713] | 1465 [691] | 1425 [673] |
|                                    |                        |                      | MED             | 2045 [965]                                                                   | 2000 [944]  | 1955 [923]  | 1905 [899]  | 1845 [871] | 1785 [842] | 1720 [812] |
|                                    |                        |                      | HIGH            | 2320 [1095]                                                                  | 2260 [1067] | 2200 [1038] | 2130 [1005] | 2060 [972] | 1985 [937] | 1910 [901] |
| 12EARJR                            | 11 x 10<br>[279 x 254] | 3/4<br>[559]         | LOW             | 1645 [776]                                                                   | 1635 [772]  | 1615 [762]  | 1590 [750]  | 1560 [736] | 1520 [717] | 1470 [694] |
|                                    |                        |                      | MED             | 2050 [967]                                                                   | 2015 [951]  | 1980 [934]  | 1935 [913]  | 1885 [890] | 1835 [866] | 1775 [838] |
|                                    |                        |                      | HIGH            | 2365 [1116]                                                                  | 2310 [1090] | 2250 [1062] | 2185 [1031] | 2115 [998] | 2035 [960] | 1950 [920] |
| 15EARJR                            | 11 x 10<br>[279 x 254] | 3/4<br>[559]         | LOW             | 1620 [765]                                                                   | 1595 [753]  | 1570 [741]  | 1545 [729]  | 1515 [715] | 1480 [698] | 1440 [680] |
|                                    |                        |                      | MED             | 2010 [949]                                                                   | 1985 [937]  | 1960 [925]  | 1915 [904]  | 1850 [873] | 1800 [850] | 1730 [816] |
|                                    |                        |                      | HIGH            | 2340 [1104]                                                                  | 2275 [1074] | 2215 [1045] | 2145 [1012] | 2080 [982] | 2010 [949] | 1940 [916] |

Note: Recommended blower speeds are in bold

[ ] Designates Metric Conversions

# INTERNAL FILTER RACK FOR BOTTOM

## OR SIDE RETURN: RXGF-DA\*

Each order contains (1) one box of 10 filter racks supplied without filters

\*Filters available through PROSTOCK®

## SIDE RETURN FILTER RACK: RXGF-CA

## BOTTOM RETURN FILTER RACK FOR

## UPFLOW APPLICATION: RXGF-CB

| FILTER RACK FILTER SIZES† INCHES [mm] |                         |
|---------------------------------------|-------------------------|
| MODEL<br>RGPS-                        | RXGF-CA<br>(SIDE)       |
| 05, 07, 10EA                          | 15¾ x 25<br>[400 x 635] |
| 10EBRGR & 10EBRJR                     | 15¾ x 25<br>[400 x 635] |
| 12, 15                                | 15¾ x 25<br>[400 x 635] |

† Filter racks are shipped without filters

A 1" [25.4 mm] filter may be used

\*Designates "E" or "N"

## RXP-F01 and F02

**FOSSIL FUEL KIT**—is for use with Ruud *Value Series* Heat Pumps and air furnaces RXP-F02 meets TVA requirements

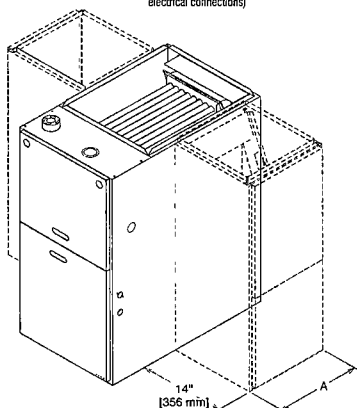
## RXGP-F03

**TWINNING KIT**—is for parallel operation requirements

### ACCESSORY RETURN

### AIR CABINETS

Return Air Cabinets may be installed on either side application except RXGR-C24B (side application must be on side opposite gas and electrical connections)



THE RXGR-C24B MUST ONLY BE INSTALLED ON THE SIDE OPPOSITE THE GAS AND ELECTRICAL CONNECTIONS.

| RETURN AIR CABINETS | A<br>IN [mm] | FILTER SIZE<br>IN [mm]  |
|---------------------|--------------|-------------------------|
| RXGR-C14B           | 14 [356]     | (2) 12 x 16 [305 x 406] |
| RXGR-C17B           | 17½ [445]    | (2) 12 x 16 [305 x 406] |
| RXGR-C21B           | 21 [533]     | (2) 20 x 16 [508 x 406] |
| RXGR-C24B           | 24½ [622]    | (2) 24 x 16 [610 x 406] |

### WARNING: IMPORTANT NOTICE

A SOLID METAL BASE PLATE (SEE TABLE) MUST BE IN PLACE WHEN THE FURNACE IS INSTALLED WITH SIDE AIR RETURN DUCTS. FAILURE TO INSTALL A BASE PLATE COULD CAUSE PRODUCTS OF COMBUSTION TO BE CIRCULATED INTO THE LIVING SPACE AND CREATE POTENTIALLY HAZARDOUS CONDITIONS

| FURNACE<br>WIDTH<br>IN [mm] | SOLID BOTTOM<br>KIT NO | BASE<br>PLATE NO | BASE<br>PLATE SIZE<br>IN [mm] |
|-----------------------------|------------------------|------------------|-------------------------------|
| 14 [356]                    | RXGB D14               | AE-61874 D1      | 11½ x 23½ [295 x 598]         |
| 17½ [445]                   | RXGB D17               | AE-61874 D2      | 15½ x 23½ [384 x 598]         |
| 21 [533]                    | RXGB D21               | AE-61874 D3      | 18½ x 23½ [473 x 598]         |
| 24½ [622]                   | RXGB D24               | AE-61874-D4      | 25½ x 23½ [651 x 598]         |

## FOR HIGH ALTITUDES:

**OPTION CODE FOR HIGH ALTITUDE:** U S & Canada

None required for high altitudes

**HIGH ALTITUDE CONVERSION KITS:** U S & Canada

None required for high altitudes

### 80+ HIGH ALTITUDE INSTRUCTIONS

**CAUTION:** Always follow National Fuel Gas Code (NFGC) guidelines when converting for high altitudes

High altitude option codes are not required for these models. However, the burner orifice size needs to be recalculated and verified at elevations above 2000 ft. See Installation Instructions for more information.

**NOTE:** For Canadian installations only, an optional derate (manifold gas pressure reduction) method may be used to adjust the furnace for altitude. See Installation Instructions for more information. This optional method may **NOT** be used for U S installations

[ ] Designates Metric Conversions

### 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.

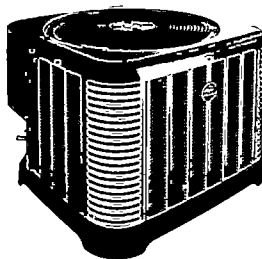
\*For complete details of the Limited and Conditional Warranties, including applicable terms and conditions, contact your local contractor or the Manufacturer for a copy of the product warranty certificate.

Conditional Parts\* (Registration Required) .... Ten (10) Years  
Heat Exchanger . . . . .Twenty (20) Years



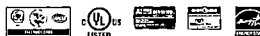
Air Conditioners  
RA13 Series

## Ruud Achiever® Series Air Conditioners



### RA13 Series

Efficiencies 13-15.5 SEER/11.5-13 EER  
Nominal Sizes 1 1/2 to 5 Ton [5.28 to 17.6 kW]  
Cooling Capacities 173 to 605 kBTU  
[5.7 to 17.7 kW]



*"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. Ask your Contractor for details or visit [www.energystar.gov](http://www.energystar.gov)."*

- New composite base pan – dampens sound, captures lower panels, eliminates corrosion and reduces number of fasteners needed
- Powder coat paint system – for a long lasting professional finish
- Scroll compressor – uses 70% fewer moving parts for higher efficiency and increased reliability
- Modern cabinet aesthetics – increased curb appeal with visually appealing design
- Curved louver panels – provide ultimate coil protection, enhance cabinet strength, and increased cabinet rigidity
- Optimized fan orifice – optimizes airflow and reduces unit sound
- Rust resistant screws – confirmed through 1500 hour salt spray testing
- PlusOne™ **Expanded Valve Space** – 3"-4"-5" service valve space – provides a minimum working area of 27-square inches for easier access
- PlusOne™ **Triple Service Access** – 1.5" wide, industry leading corner service access – makes repairs easier and faster. The two fastener removable corner allows optimal access to internal unit components. Individual louver panels come out once fastener is removed, for faster coil cleaning and easier cabinet reassembly
- Diagnostic service window with two fastener opening – provides access to the high and low pressure
- External gauge port access – allows easy connection of "low-loss" gauge ports
- Single-row condenser coil – makes unit lighter and allows thorough coil cleaning to maintain "out of the box" performance
- 35% fewer cabinet fasteners and fastener-free base – allow for faster access to internal components and hassle-free panel removal
- Service trays – hold fasteners or caps during service calls
- QR code – provides technical information on demand for faster service calls
- Fan motor harness with extra long wires allows unit top to be removed without disconnecting fan wire

RELY ON RUUD.™

FORM NO. A22221 REV 4



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## Standard Feature Table

| Feature                             | STANDARD FEATURES |      |      |      |      |      |      |
|-------------------------------------|-------------------|------|------|------|------|------|------|
|                                     | 18                | 24   | 30   | 36   | 42   | 48   | 60   |
| R-410a Refrigerant                  | ✓                 | ✓    | ✓    | ✓    | ✓    | ✓    | ✓    |
| Maximum SEER                        | 15.1              | 15.0 | 15.5 | 15.1 | 14.5 | 14.5 | 14.0 |
| Maximum EER                         | 12.5              | 12.5 | 13.0 | 12.5 | 12.0 | 12.0 | 11.5 |
| Scroll Compressor                   | ✓                 | ✓    | ✓    | ✓    | ✓    | ✓    | ✓    |
| Field Installed Filter Drier        | ✓                 | ✓    | ✓    | ✓    | ✓    | ✓    | ✓    |
| Front Seating Service Valves        | ✓                 | ✓    | ✓    | ✓    | ✓    | ✓    | ✓    |
| Internal Pressure Relief Valve      | ✓                 | ✓    | ✓    | ✓    | ✓    | ✓    | ✓    |
| Internal Thermal Overload           | ✓                 | ✓    | ✓    | ✓    | ✓    | ✓    | ✓    |
| Long Line capability                | ✓                 | ✓    | ✓    | ✓    | ✓    | ✓    | ✓    |
| Low Ambient capability with Kit     | ✓                 | ✓    | ✓    | ✓    | ✓    | ✓    | ✓    |
| 3-4-5 Expanded Valve Space          | ✓                 | ✓    | ✓    | ✓    | ✓    | ✓    | ✓    |
| Composite Basepan                   | ✓                 | ✓    | ✓    | ✓    | ✓    | ✓    | ✓    |
| 2 Screw Control Box Access          | ✓                 | ✓    | ✓    | ✓    | ✓    | ✓    | ✓    |
| 15" Access to Internal Components   | ✓                 | ✓    | ✓    | ✓    | ✓    | ✓    | ✓    |
| Quick release lower panel design    | ✓                 | ✓    | ✓    | ✓    | ✓    | ✓    | ✓    |
| No fasteners to remove along bottom | ✓                 | ✓    | ✓    | ✓    | ✓    | ✓    | ✓    |
| Optimized Venturi Airflow           | ✓                 | ✓    | ✓    | ✓    | ✓    | ✓    | ✓    |
| Single row condenser coil           | ✓                 | ✓    | ✓    | ✓    | ✓    | ✓    | ✓    |
| Powder coated paint                 | ✓                 | ✓    | ✓    | ✓    | ✓    | ✓    | ✓    |
| Rust resistant screws               | ✓                 | ✓    | ✓    | ✓    | ✓    | ✓    | ✓    |
| QR code                             | ✓                 | ✓    | ✓    | ✓    | ✓    | ✓    | ✓    |
| External gauge ports                | ✓                 | ✓    | ✓    | ✓    | ✓    | ✓    | ✓    |
| Service trays                       | ✓                 | ✓    | ✓    | ✓    | ✓    | ✓    | ✓    |

✓ = Standard

## Available SKUs

| Available Models | Description                                                                                       |
|------------------|---------------------------------------------------------------------------------------------------|
| RA1318AJ1NA      | Achiever® Series 1 1/2 ton 13 SEER Single-Stage Air Conditioner-208/230/1/60                      |
| RA1324AJ1NA      | Achiever® Series 2 ton 13 SEER Single-Stage Air Conditioner-208/230/1/60                          |
| RA1330AJ1NA      | Achiever® Series 2 1/2 ton 13 SEER Single-Stage Air Conditioner-208/230/1/60                      |
| RA1336AJ1NA      | Achiever® Series 3 ton 13 SEER Single-Stage Air Conditioner-208/230/1/60                          |
| RA1342AJ1NA      | Achiever® Series 3 1/2 ton 13 SEER Single-Stage Air Conditioner-208/230/1/60                      |
| RA1348AJ1NA      | Achiever® Series 4 ton 13 SEER Single-Stage Air Conditioner-208/230/1/60                          |
| RA1360AJ1NA      | Achiever® Series 5 ton 13 SEER Single-Stage Air Conditioner-208/230/1/60                          |
| RA1318AJ1NB      | Achiever® Series 1 1/2 ton 13 SEER Single-Stage Air Conditioner w/ High/Low Pressure-208/230/1/60 |
| RA1324AJ1NB      | Achiever® Series 2 ton 13 SEER Single-Stage Air Conditioner w/ High/Low Pressure-208/230/1/60     |
| RA1330AJ1NB      | Achiever® Series 2 1/2 ton 13 SEER Single-Stage Air Conditioner w/ High/Low Pressure-208/230/1/60 |
| RA1336AJ1NB      | Achiever® Series 3 ton 13 SEER Single-Stage Air Conditioner w/ High/Low Pressure-208/230/1/60     |
| RA1342AJ1NB      | Achiever® Series 3 1/2 ton 13 SEER Single-Stage Air Conditioner w/ High/Low Pressure-208/230/1/60 |
| RA1348AJ1NB      | Achiever® Series 4 ton 13 SEER Single-Stage Air Conditioner w/ High/Low Pressure-208/230/1/60     |
| RA1360AJ1NB      | Achiever® Series 5 ton 13 SEER Single-Stage Air Conditioner w/ High/Low Pressure-208/230/1/60     |
| RA1336AC1NB      | Achiever® Series 3 ton 13 SEER Single-Stage Air Conditioner w/ High/Low Pressure-208/230/3/60     |
| RA1342AC1NB      | Achiever® Series 3 1/2 ton 13 SEER Single-Stage Air Conditioner w/ High/Low Pressure-208/230/3/60 |
| RA1348AC1NB      | Achiever® Series 4 ton 13 SEER Single-Stage Air Conditioner w/ High/Low Pressure-208/230/3/60     |
| RA1360AC1NB      | Achiever® Series 5 ton 13 SEER Single-Stage Air Conditioner w/ High/Low Pressure-208/230/3/60     |
| RA1336AD1NB      | Achiever® Series 3 ton 13 SEER Single-Stage Air Conditioner w/ High/Low Pressure-460/3/60         |
| RA1342AD1NB      | Achiever® Series 3 1/2 ton 13 SEER Single-Stage Air Conditioner w/ High/Low Pressure-460/3/60     |
| RA1348AD1NB      | Achiever® Series 4 ton 13 SEER Single-Stage Air Conditioner w/ High/Low Pressure-460/3/60         |
| RA1360AD1NB      | Achiever® Series 5 ton 13 SEER Single-Stage Air Conditioner w/ High/Low Pressure-460/3/60         |

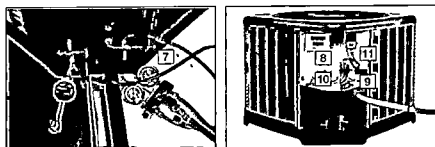
## Introduction to RA13 Air Conditioner

The RA13 is our 13 SEER air conditioner and is part of the Ruud air conditioner product line that extends from 13 to 20 SEER. This highly featured and reliable air conditioner is designed for years of reliable, efficient operation when matched with Ruud indoor aluminum evaporator coils and furnaces or air handler units with aluminum evaporators.

Our unique composite base (1) reduces sound emission, eliminates rattles, significantly reduces fasteners, eliminates corrosion and has integrated brass compressor attachment inserts (2). Furthermore it has incorporated into the design, water management features, means for hand placement (3) for unit maneuvering, screw trays (4) and inserts for lifting off unit pad. (5)



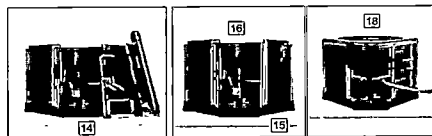
Service Valves (6) are rigidly mounted in the composite base with 3" between suction and discharge valves, 4" clearance below service valves and a minimum of 5" above the service valves, creating industry leading installation ease. The minimum 27 square-inches around the service valves allows ample room to remove service valve schrader prior to brazing, plenty of clearance for easy brazing of the suction and discharge lines to service valve outlets, easy access and hookup of low loss refrigerant gauges (7), and access to the service valve caps for opening. For applications with long-line lengths up to 250 feet total equivalent length, up to 200 feet condenser above evaporator, or up to 80 feet evaporator above condenser, the long-line instructions in the installation manual should be followed.



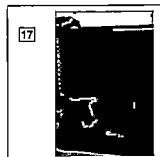
Controls are accessed from the corner of the unit by removing only two fasteners from the control access cover, revealing the industry's largest 15" wide and 14" tall control area (9). With all this room in the control area the high voltage electrical whip (10) can easily be inserted through the right size opening in the bottom of the control area. Routing it leads directly to contractor lugs for connection. The low voltage control wires (11) are easily connected to units low voltage wiring. If contactor or capacitor (12) needs to be replaced there is more than adequate space to make the repair. Furthermore, if high pressure and low pressure model was not purchased but is desired to be installed in the field, the service window (12) can be removed by removing two screws, to access the high and low side schrader fittings for easy field installation. The entire corner can be removed providing ultimate access to install the high and low pressure switch (13).



If in the rare event, greater access is needed to internal components, such as the compressor, the entire corner of the unit can be removed along with the top cover assembly to have unprecedented access to interior of the unit (14). Extra wire length is incorporated into each outdoor fan and compressor so top cover and control panel can be positioned next to the unit. With minimal effort the plug can be removed from the compressor and the outdoor fan wires can be removed from the capacitor to allow even more uncluttered access to the interior of the unit (15). Outdoor coil heights range from as short as 22" to 28", aiding access to the compressor. Disassembly to this degree and complete reassembly only takes a first time service technician less than 10 minutes (15).

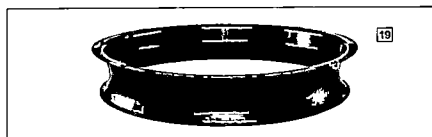


All units utilize strong formed lower panels which provide industry leading coil protection. Louver removal for coil cleaning is accomplished by removing one screw and lifting the panel out of the composite base pan. (17) All RA13 units utilize single row coils (18) making cleaning easy and complete, restoring the performance of the air conditioner back to out of the box performance levels year after year.

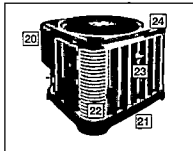


The outdoor fan motor has sleeve bearings and is inherently protected. The motor is totally enclosed for maximum protection from weather, dust and corrosion. Access to the outdoor fan is made by removing four fasteners from the fan grille. The outdoor fan can be removed from the fan grille by removing 4 fasteners in the rare case outdoor fan motor fails.

Each cabinet has optimized composite (19) fan orifice assuring efficient and quiet airflow.



The entire cabinet has powder post paint (20) achieving 1000 hour salt spray rating, allowing the cabinet to retain its aesthetics throughout its life



Scroll compressors with standard internal pressure relief and internal thermal overload are used on all capacities assuring longevity of high efficient and quiet operation for the life of the product

Each unit is shipped with filter drier for field installation and will trap any moisture or dirt that could contaminate the refrigerant system



All cabinets have industry leading structural strength due to the composite base pan (21), interlocking corner post (22), formed curved lower panels (23) and drawn top cover (24) making it the most durable cabinet on the market today

Each RA13 capacity has undergone rigorous psychometric testing to assure performance ratings of capacity, SEER and EER per AHRI Standard 210/240 rating conditions. Also each unit bears the UL mark and each unit is certified to UL 1995 safety standards.



Each unit has undergone specific strain and modal testing to assure tubing (25) is outside the units natural frequency and that the suction and discharge lines connected to the compressor withstand any starting, steady state operation or shut down forces imposed by the compressor

All units have been sound tested in sound chamber to AHRI 270 rating conditions, and A-weighted Sound Power Level tables produced, assuring units have acceptable noise qualities (see page 9). Each unit has been ran in cooling operation at 95°F and 82°F and sound ratings for the RA13 range from as low as 73 dBA to 79 dBA

All units have been ship tested to assure units meet stringent "over the road" shipping conditions.

As manufactured all units in the RA13 family have cooling capability to 55 °F. Addition of low ambient control will allow the unit to operate down to 0°F. Factory testing is performed on each unit. All component parts meet well defined specification and continually go through receiving inspections. Each component installed on a unit is scanned, assuring correct component utilization for a given unit capacity and voltage. All condenser coils are leak tested with pressurization test to 550#s and once installed and assembled, each units' complete refrigerant system is helium leak tested. All units are fully charged from the factory for up to 15 feet of piping. All units are factory run tested. The RA13 has a 10-year conditional compressor and parts warranty (registration required)

## Optional Accessories

(Refer to accessory chart for model #)

### Compressor Crankcase Heater

Protects against refrigerant migration that can occur during low ambient operation

### Compressor Sound Cover

- Reinforced vinyl compressor cover containing a 1½ inch thick batt of fiberglass insulation
- Open edges are sealed with a one-inch wide hook and loop fastening tape

### Compressor Hard Start Kit

- Single-phase units are equipped with a PSC compressor motor, this type of motor normally does not need a potential relay and start capacitor
- Kit may be required to increase the compressor starting torque, in conditions such as low voltage

### Low Ambient Kit

- Air conditioners operate satisfactorily in the cooling mode down to 55°F outdoor air temperature without any additional controls
- This Kit can be added in the field enabling unit to operate properly down to 0° in the cooling mode
- Crankcase heater and freestat should be installed on compressors equipped with a low ambient kit

### 3"6"/12"

- Gray high density polyethylene feet are available to raise unit off of mounting surface away from moisture

### Low Pressure

- Can be added in field enabling the unit to shut off compressor on loss of charge

NOTE: Unit can be purchased with high and low pressure installed at factory. (Refer to SKU list)

### High Pressure

- Can be added in field enabling unit to shut off compressor if unit loses outdoor fan operation

NOTE: Unit can be purchased with high and low pressure installed at factory. (Refer to SKU list)

### Decorative Top

- Can be installed on fan grille

## Air Conditioners\*

| <u>R</u> | <u>A</u>             | <u>13</u>    | <u>24</u>              | <u>A</u>       | <u>J</u>                                                      | <u>1</u>                                          | <u>N</u>                                   | <u>A</u>       | <u>*</u>    |
|----------|----------------------|--------------|------------------------|----------------|---------------------------------------------------------------|---------------------------------------------------|--------------------------------------------|----------------|-------------|
| Brand    | Product Category     | SEER         | Capacity BTU/HR        | Major Series*  | Voltage                                                       | Type                                              | Controls                                   | Minor Series** | Option Code |
| Ruud     | A - Air Conditioners | 13 - 13 SEER | 18 - 18,000 [5.28 kW]  | A - 1st Design | J - 1ph, 208-230/60<br>C - 3ph, 208-230/60<br>D - 3ph, 460/60 | 1 - Single-stage<br>2 - Two-stage<br>V - Inverter | C - Communicating<br>N - Non-Communicating | A - 1st Design | N/A         |
|          |                      | 14 - 14 SEER | 24 - 24,000 [7.03 kW]  |                |                                                               |                                                   |                                            |                |             |
|          |                      | 16 - 16 SEER | 30 - 30,000 [8.79 kW]  |                |                                                               |                                                   |                                            |                |             |
|          |                      | 17 - 17 SEER | 36 - 36,000 [10.55 kW] |                |                                                               |                                                   |                                            |                |             |
|          |                      | 20 - 20 SEER | 42 - 42,000 [12.31 kW] |                |                                                               |                                                   |                                            |                |             |
|          |                      |              | 48 - 48,000 [14.07 kW] |                |                                                               |                                                   |                                            |                |             |
|          |                      |              | 60 - 60,000 [17.58 kW] |                |                                                               |                                                   |                                            |                |             |

\*See page 3 for available SKU's

## Heat Pumps (For Reference)\*\*

| <u>R</u> | <u>P</u>         | <u>14</u>    | <u>24</u>              | <u>A</u>       | <u>J</u>                                                      | <u>1</u>                                                        | <u>N</u>                                   | <u>A</u>       | <u>*</u>    |
|----------|------------------|--------------|------------------------|----------------|---------------------------------------------------------------|-----------------------------------------------------------------|--------------------------------------------|----------------|-------------|
| Brand    | Product Category | SEER         | Capacity BTU/HR        | Major Series*  | Voltage                                                       | Type                                                            | Controls                                   | Minor Series** | Option Code |
| Ruud     | P - Heat Pump    | 13 - 13 SEER | 18 - 18,000 [5.28 kW]  | A - 1st Design | J - 1ph, 208-230/60<br>C - 3ph, 208-230/60<br>D - 3ph, 460/60 | 1 - Single-stage<br>2 - Two-stage<br>V - Inverter<br>P - Piston | C - Communicating<br>N - Non-Communicating | A - 1st Design | N/A         |
|          |                  | 14 - 14 SEER | 24 - 24,000 [7.03 kW]  |                |                                                               |                                                                 |                                            |                |             |
|          |                  | 15 - 15 SEER | 30 - 30,000 [8.79 kW]  |                |                                                               |                                                                 |                                            |                |             |
|          |                  | 17 - 17 SEER | 36 - 36,000 [10.55 kW] |                |                                                               |                                                                 |                                            |                |             |
|          |                  | 20 - 20 SEER | 42 - 42,000 [12.31 kW] |                |                                                               |                                                                 |                                            |                |             |
|          |                  |              | 48 - 48,000 [14.07 kW] |                |                                                               |                                                                 |                                            |                |             |
|          |                  |              | 60 - 60,000 [17.58 kW] |                |                                                               |                                                                 |                                            |                |             |

## Furnace Coils (For Reference)\*\*

| <u>R</u> | <u>C</u>         | <u>F</u>             | <u>24</u>              | <u>17</u>  | <u>S</u>        | <u>T</u>        | <u>A</u>       | <u>M</u>                      | <u>C</u>                 | <u>A</u>       | <u>*</u>    |
|----------|------------------|----------------------|------------------------|------------|-----------------|-----------------|----------------|-------------------------------|--------------------------|----------------|-------------|
| Brand    | Product Category | Type                 | Capacity BTU/HR        | Width      | Efficiency      | Metering Device | Major Series*  | Orientation                   | Casing                   | Minor Series** | Option Code |
| Ruud     | C - Evap Coil    | F - Furn Coil        | 24 - 24,000 [7.03 kW]  | 14 - 14"   | S- Standard Eff | T-TXV           | A - 1st Design | M - Multipurpose              | C - Cased<br>U - Uncased | A - 1st Design | N/A         |
|          |                  | H - Air-Handler Coil | 36 - 36,000 [10.55 kW] | 17 - 17.5" | M- Mid Eff      | E-EEV           |                | V - Vertical only/convertible |                          |                |             |
|          |                  |                      | 48 - 48,000 [14.07 kW] | 21 - 21"   | H- High Eff     | P-Piston        |                |                               |                          |                |             |
|          |                  |                      | 60 - 60,000 [17.58 kW] | 24 - 24.5" |                 |                 |                | H - Ded Horizontal only       |                          |                |             |

\*\*Model number ID's are for reference only See available SKU page of applicable spec sheet for table of available SKU's for a specific model

[ ] Designates Metric Conversions

## 90%+ AFUE Gas Furnaces (For Reference)\*\*

| <u>R</u> | <u>96</u>    | <u>V</u>           | <u>A</u>       | <u>70</u>                | <u>2</u>         | <u>3</u>              | <u>17</u>        | <u>M</u>      | <u>S</u>                    | <u>A</u>       |
|----------|--------------|--------------------|----------------|--------------------------|------------------|-----------------------|------------------|---------------|-----------------------------|----------------|
| Brand    | Series       | Motor              | Major Rev      | Input<br>BTU/HR          | Stages           | Air Flow              | Cabinet<br>Width | Configuration | Nox                         | Minor Rev      |
| Ruud     | 90 - 90 AFUE | V - Variable speed | A - 1st Design | 040 - 42,000 [12 31 kW]  | 1 - Single-stage | 3 - up to 3 ton       | 14 - 14"         | M - Multi     | X - Low Nox<br>S - Standard | A - 1st Design |
|          | 92 - 92 AFUE | T - Constant       |                | 060 - 56,000 [16 41 kW]  | 2 - Two-stage    | 5 - 3 1/2 up to 5 ton | 17 - 17 5"       |               |                             |                |
|          | 95 - 95 AFUE | Torque             |                | 070 - 70,000 [20 51 kW]  | M - Modulating   |                       | 21 - 21"         |               |                             |                |
|          | 96 - 96 AFUE | (X-13)             |                | 085 - 84,000 [24 62 kW]  |                  |                       | 24 - 24 5"       |               |                             |                |
|          | 97 - 97 AFUE | P - PSC            |                | 100 - 98,000 [28 72 kW]  |                  |                       |                  |               |                             |                |
|          |              |                    |                | 115 - 112,000 [32 82 kW] |                  |                       |                  |               |                             |                |

## 80% AFUE Gas Furnaces (For Reference)\*\*

| <u>R</u> | <u>80</u>     | <u>2</u>         | <u>V</u>                   | <u>A</u>       | <u>075</u>            | <u>3</u>              | <u>17</u>        | <u>M</u>       | <u>S</u>                    | <u>A</u>       |
|----------|---------------|------------------|----------------------------|----------------|-----------------------|-----------------------|------------------|----------------|-----------------------------|----------------|
| Brand    | Series        | Stages           | Motor                      | Major Rev      | Input<br>BTU/HR       | Air Flow              | Cabinet<br>Width | Configuration  | Nox                         | Minor Rev      |
| Ruud     | 80 - 80+ AFUE | 1 - Single-stage | V - Variable speed         | A - 1st Design | 050 - 50,000 [15 kW]  | 3 - up to 3 ton       | 14 - 14"         | M - Multi      | X - Low Nox<br>S - Standard | A - 1st Design |
|          |               | 2 - Two-stage    | T - Constant Torque (X-13) |                | 075 - 75,000 [22 kW]  | 4 - 2 1/2 to 4 ton    | 17 - 17 5"       | D - Down       |                             |                |
|          |               |                  | P - PSC premium            |                | 100 - 100,000 [29 kW] | 5 - 3 1/2 up to 5 ton | 21 - 21"         | Z - Down &     |                             |                |
|          |               |                  | S - PSC standard           |                | 125 - 125,000 [37 kW] |                       | 24 - 24 5"       | zero clearance |                             |                |
|          |               |                  |                            |                | 150 - 150,000 [44 kW] |                       |                  | down flow      |                             |                |
|          |               |                  |                            |                |                       |                       |                  |                |                             |                |

## Air Handlers (For Reference)\*\*

| <u>R</u> | <u>H</u>            | <u>1</u>             | <u>I</u>     | <u>36</u>              | <u>17</u>  | <u>S</u>     | <u>I</u>           | <u>A</u>         | <u>N</u>          | <u>A</u>            | <u>A</u>          | <u>000</u>                                     | <u>*</u>       |
|----------|---------------------|----------------------|--------------|------------------------|------------|--------------|--------------------|------------------|-------------------|---------------------|-------------------|------------------------------------------------|----------------|
| Brand    | Product<br>Category | Stages of<br>Airflow | Motor Type   | Capacity<br>BTU/HR     | Width      | Coil Size    | Metering<br>Device | Major<br>Series* | Controls          | Voltage             | Minor<br>Series** | Factory Heat<br>Cap                            | Option<br>Code |
| Ruud     | H - Air<br>Handler  | 1 - Single-Stage     | V - Variable | 24 - 24,000 [7 03 kW]  | 14 - 14"   | S - Standard | T - TEV            | A - 1st Design   | C - Communicating | A - 1ph, 115/60     | A - 1st Design    | 00 - no<br>factory heat<br>with option<br>code | *TBD           |
|          |                     | 2 - Two-Stage        | Speed        | 36 - 36,000 [10 55 kW] | 17 - 17 5" | M - Mid Eff  | E - EEV            |                  | N - Non-comm      | J - 1ph, 208-240/60 |                   |                                                |                |
|          |                     | M - Modulating       | T - Constant | 48 - 48,000 [14 07 kW] | 21 - 21"   | H - High Eff | P - Piston         |                  |                   | D - 3ph, 480/60     |                   |                                                |                |
|          |                     |                      | Torque       | 60 - 60,000 [17 58 kW] | 24 - 24 5" |              |                    |                  |                   |                     |                   |                                                |                |
|          |                     |                      | P - PSC      |                        |            |              |                    |                  |                   |                     |                   |                                                |                |
|          |                     |                      |              |                        |            |              |                    |                  |                   |                     |                   |                                                |                |

\*\*Model number ID's are for reference only. See available SKU page of applicable spec sheet for table of available SKU's for a specific model.

[ ] Designates Metric Conversions

| Physical Data                                      |              |              |              |              |              |              |              |
|----------------------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| PHYSICAL DATA                                      |              |              |              |              |              |              |              |
| Model No.                                          | RA1318A      | RA1324A      | RA1330A      | RA1336A      | RA1342A      | RA1348A      | RA1360A      |
| Nominal Tonnage                                    | 1 5          | 2 0          | 2 5          | 3 0          | 3 5          | 4 0          | 5 0          |
| Valve Connections                                  |              |              |              |              |              |              |              |
| Liquid Line O D – in                               | 3/8          | 3/8          | 3/8          | 3/8          | 3/8          | 3/8          | 3/8          |
| Suction Line O D – in                              | 3/4          | 3/4          | 3/4          | 3/4          | 7/8          | 7/8          | 7/8          |
| Refrigerant (R410A) furnished oz <sup>1</sup>      | 50           | 60           | 72           | 86           | 105          | 106          | 148          |
| Compressor Type                                    | Scroll       |              |              |              |              |              |              |
| Outdoor Coil                                       |              |              |              |              |              |              |              |
| Net face area – Outer Coil                         | 5 9          | 9 1          | 9 1          | 12 1         | 14 2         | 14 8         | 18 8         |
| Net face area – Inner Coil                         | —            | —            | —            | —            | —            | —            | —            |
| Tube diameter – in                                 | 3/8          | 3/8          | 3/8          | 3/8          | 3/8          | 3/8          | 3/8          |
| Number of rows                                     | 1            | 1            | 1            | 1            | 1            | 1            | 1            |
| Fins per inch                                      | 22           | 18           | 22           | 22           | 22           | 22           | 22           |
| Outdoor Fan                                        |              |              |              |              |              |              |              |
| Diameter – in                                      | 20           | 20           | 20           | 20           | 20           | 24           | 26           |
| Number of blades                                   | 2            | 2            | 3            | 3            | 2            | 3            | 2            |
| Motor hp                                           | 1/8          | 1/8          | 1/4          | 1/4          | 1/8          | 1/6          | 1/5          |
| CFM                                                | 2038         | 2325         | 2795         | 2900         | 2465         | 4145         | 3870         |
| RPM                                                | 1075         | 1075         | 1075         | 1075         | 1075         | 850          | 820          |
| watts                                              | 144          | 137          | 189          | 186          | 175          | 279          | 233          |
| Shipping weight – lbs.                             | 127          | 129          | 140          | 164          | 195          | 202          | 235          |
| Operating weight – lbs.                            | 120          | 122          | 133          | 157          | 188          | 195          | 228          |
| Electrical Data                                    |              |              |              |              |              |              |              |
| Line Voltage Data (Volts-Phase-Hz)                 | 208/230-1-60 | 208/230-1-60 | 208/230-1-60 | 208/230-1-60 | 208/230-1-60 | 208/230-1-60 | 208/230-1-60 |
| Maximum overcurrent protection (amps) <sup>2</sup> | 20           | 25           | 30           | 35           | 40           | 50           | 60           |
| Minimum circuit ampacity <sup>3</sup>              | 13           | 15           | 18           | 23           | 24           | 29           | 35           |
| Compressor                                         |              |              |              |              |              |              |              |
| Rated load amps                                    | 9 7          | 11 2         | 12 8         | 16 7         | 17 9         | 21 8         | 26 4         |
| Locked rotor amps                                  | 46           | 60 8         | 64           | 83 9         | 112          | 117          | 134          |
| Condenser Fan Motor                                |              |              |              |              |              |              |              |
| Full load amps                                     | 0 7          | 0 7          | 1 3          | 1 3          | 0 7          | 1            | 1 2          |
| Locked rotor amps                                  | 1 3          | 1 3          | 2 5          | 2 6          | 1 3          | 2            | 2            |
| Line Voltage Data (Volts-Phase-Hz)                 | —            | —            | —            | 208/230-3-60 | 208/230-3-60 | 208/230-3-60 | 208/230-3-60 |
| Maximum overcurrent protection (amps) <sup>2</sup> | —            | —            | —            | 20           | 30           | 30           | 35           |
| Minimum circuit ampacity <sup>3</sup>              | —            | —            | —            | 15           | 18           | 19           | 22           |
| Compressor                                         |              |              |              |              |              |              |              |
| Rated load amps                                    | —            | —            | —            | 10 4         | 13 2         | 13 7         | 16           |
| Locked rotor amps                                  | —            | —            | —            | 73           | 88           | 83 1         | 110          |
| Condenser Fan Motor                                |              |              |              |              |              |              |              |
| Full load amps                                     | —            | —            | —            | 1 3          | 0 7          | 1            | 1 3          |
| Locked rotor amps                                  | —            | —            | —            | 2 6          | 1 3          | 2 2          | 2 0          |
| Line Voltage Data (Volts-Phase-Hz)                 | —            | —            | —            | 480-3-60     | 480-3-60     | 480-3-60     | 480-3-60     |
| Maximum overcurrent protection (amps) <sup>2</sup> | —            | —            | —            | 15           | 15           | 15           | 15           |
| Minimum circuit ampacity <sup>3</sup>              | —            | —            | —            | 8            | 8            | 9            | 11           |
| Compressor                                         |              |              |              |              |              |              |              |
| Rated load amps                                    | —            | —            | —            | 5 8          | 6 0          | 6 2          | 7 8          |
| Locked rotor amps                                  | —            | —            | —            | 38           | 44           | 41           | 52           |
| Condenser Fan Motor                                |              |              |              |              |              |              |              |
| Full load amps                                     | —            | —            | —            | 6            | 3            | 6            | 6            |
| Locked rotor amps                                  | —            | —            | —            | 2 5          | 9            | 1 6          | 1 1          |

<sup>1</sup>Refrigerant charge sufficient for 15 ft. length of refrigerant lines. For longer line set requirements see the installation instructions for information about set length and additional refrigerant charge required.

<sup>2</sup>HACR type circuit breaker of fuse.

<sup>3</sup>Refer to National Electrical Code manual to determine wire, fuse and disconnect size requirements.

## Accessories

| Model No                                     |                | RA1318         | RA1324         | RA1330         | RA1336         | RA1342         | RA1348         | RA1360         |
|----------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Compressor crankcase heater*                 |                | 44-17402-44    | 44-17402-44    | 44-17402-44    | 44-17402-44    | 44-17402-45    | 44-17402-45    | 44-17402-45    |
| Low ambient control                          |                | RXAD-A08       | RXAD-A08       | RXAD-A08       | RXAD-A08       | RXAD-A08       | RXAD-A08       | RXAD-A08       |
| Compressor sound cover                       |                | 68-23427-26    | 68-23427-26    | 68-23427-26    | 68-23427-26    | 68-23427-25    | 68-23427-25    | 68-23427-25    |
| Compressor hard start kit                    |                | SK-A1          | SK-A1          | SK-A1          | SK-A1          | SK-A1          | SK-A1          | SK-A1          |
| Compressor time delay                        |                | RXMD-B01       | RXMD-B01       | RXMD-B01       | RXMD-B01       | RXMD-B01       | RXMD-B01       | RXMD-B01       |
| Low pressure control                         |                | RXAC-A07       | RXAC-A07       | RXAC-A07       | RXAC-A07       | RXAC-A07       | RXAC-A07       | RXAC-A07       |
| High pressure control                        |                | RXAB-A07       | RXAB-A07       | RXAB-A07       | RXAB-A07       | RXAB-A07       | RXAB-A07       | RXAB-A07       |
| Liquid Line Solenoid (24 VAC, 50/60 Hz)      | Solenoid Valve | 200RD2T3TVLC   | 200RD2T3TVLC   | 200RD2T3TVLC   | 200RD2T3TVLC   | 200RD2T3TVLC   | 200RD3T3TVLC   | 200RD3T3TVLC   |
|                                              | Solenoid Coil  | 61-AMG24V      | 61-AMG24V      | 61-AMG24V      | 61-AMG24V      | 61-AMG24V      | 61-AMG24V      | 61-AMG24V      |
| Liquid Line Solenoid (120/240 VAC, 50/60 Hz) | Solenoid Valve | 200RD2T3TVLC   | 200RD2T3TVLC   | 200RD2T3TVLC   | 200RD2T3TVLC   | 200RD2T3TVLC   | 200RD3T3TVLC   | 200RD3T3TVLC   |
|                                              | Solenoid Coil  | 61-AMG120/240V | 61-AMG120/240V | 61-AMG120/240V | 61-AMG120/240V | 61-AMG120/240V | 61-AMG120/240V | 61-AMG120/240V |
| Top Cap w/Label                              |                | 91-101123-21   | 91-101123-21   | 91-101123-21   | 91-101123-21   | 91-101123-21   | 91-101123-21   | 91-101123-21   |
| Heat Pump Riser 6 in                         |                | 686020         | 686020         | 686020         | 686020         | 686020         | 686020         | 686020         |

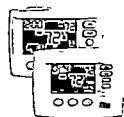
\*Crankcase Heater recommended with Low Ambient Kit

## Weighted Sound Power Level (dBA)

| Model  | Sound Power Level (dB(A)) | RA13 Sound Power Level                                          |      |      |      |      |      |      |      |
|--------|---------------------------|-----------------------------------------------------------------|------|------|------|------|------|------|------|
|        |                           | Full Octave Linear Sound Power Level dB - Center Frequency - Hz |      |      |      |      |      |      |      |
|        |                           | 125                                                             | 250  | 500  | 1000 | 2000 | 4000 | 6300 | 8000 |
| RA1318 | 79.1                      | 57.3                                                            | 63.1 | 69.8 | 69.5 | 65.6 | 60.5 | 56.3 | 53.3 |
| RA1324 | 75.5                      | 55.4                                                            | 60.3 | 64.7 | 66.4 | 62.6 | 58.0 | 54.3 | 52.4 |
| RA1330 | 78.1                      | 51.4                                                            | 67.4 | 67.5 | 68.2 | 65.5 | 59.8 | 55.6 | 53.6 |
| RA1336 | 77.5                      | 55.1                                                            | 66.1 | 66.9 | 68.2 | 64.6 | 60.7 | 57.4 | 55.6 |
| RA1342 | 72.7                      | 48.9                                                            | 56.1 | 62.9 | 62.2 | 61.1 | 55.2 | 51.9 | 50.2 |
| RA1348 | 75.8                      | 51.4                                                            | 59.6 | 65.2 | 65.9 | 64.3 | 58.5 | 55.2 | 53.7 |
| RA1360 | 77.7                      | 51.7                                                            | 60.9 | 66.9 | 70.4 | 63.5 | 57.4 | 55.4 | 53.8 |

NOTE: Tested in accordance with AHRI Standard 270-08 (not listed in AHRI)

## Thermostats



**200-Series \***  
Programmable



**300-Series \***  
Deluxe  
Programmable



**400-Series \***  
Special Applications/  
Programmable



**500-Series \***  
Communicating/  
Programmable

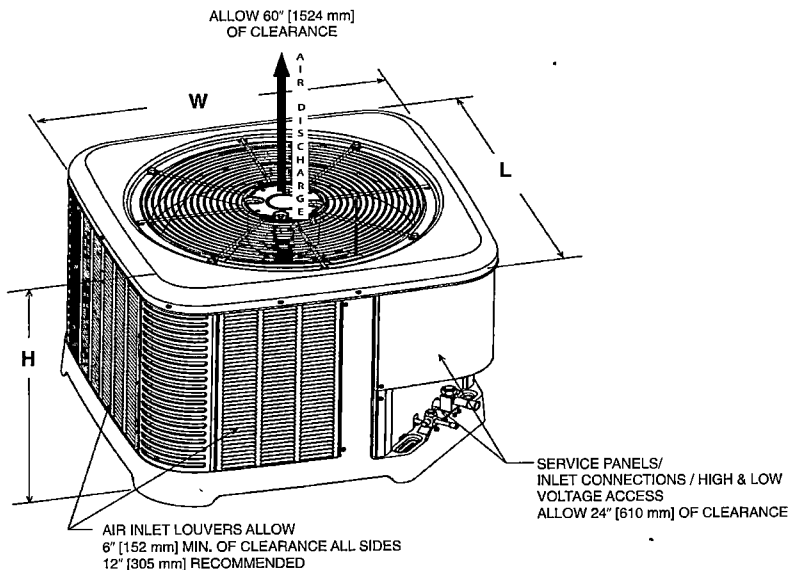
| Brand    | Descriptor (3 Characters) | Series (3 Characters)                                                                                                          | System (2 Characters)                                                                                     | Type (2 Characters)               |
|----------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------------------|
| UHC      | TST                       | 213                                                                                                                            | UN                                                                                                        | MS                                |
| UHC/Ruud | TST=Thermostat            | 200=Programmable<br>300=Deluxe Programmable<br>400=Special Applications/<br>Programmable<br>500=Communicating/<br>Programmable | GE=Gas/Electric<br>UN=Universal (A/C/H/P/VE)<br>WD=Modulating Furnace<br>CF=Dual Fuel<br>CM=Communicating | SS=Single Stage<br>MS=Multi Stage |

\* Photos are representative. Actual models may vary.

For detailed thermostat match-up information,  
see specification sheet form number T22-001

## Unit Dimensions

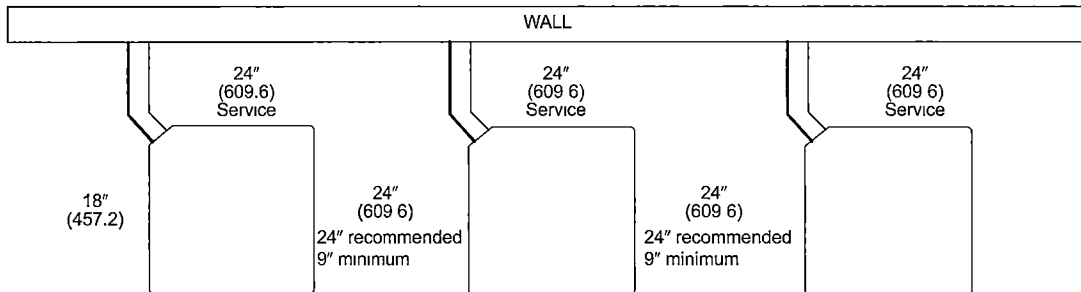
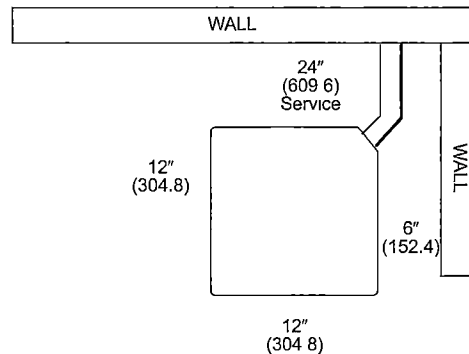
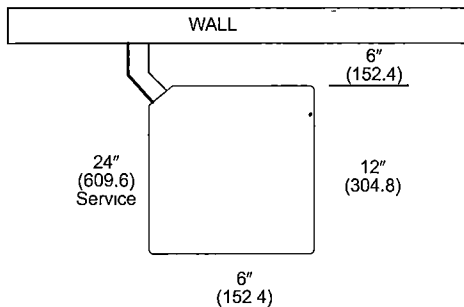
| MODEL NO. | OPERATING  |     |            |     |           |     | SHIPPING   |     |            |     |           |     |
|-----------|------------|-----|------------|-----|-----------|-----|------------|-----|------------|-----|-----------|-----|
|           | H (Height) |     | L (Length) |     | W (Width) |     | H (Height) |     | L (Length) |     | W (Width) |     |
|           | INCHES     | mm  | INCHES     | mm  | INCHES    | mm  | INCHES     | mm  | INCHES     | mm  | INCHES    | mm  |
| RA1318    | 27         | 685 | 29 75      | 755 | 29 75     | 755 | 28 75      | 730 | 32 38      | 822 | 32 38     | 822 |
| RA1324    | 25         | 635 | 29 75      | 755 | 29 75     | 755 | 26 75      | 679 | 32 38      | 822 | 32 38     | 822 |
| RA1330    | 25         | 635 | 29 75      | 755 | 29 75     | 755 | 26 75      | 679 | 32 38      | 822 | 32 38     | 822 |
| RA1336    | 27         | 685 | 29 75      | 755 | 29 75     | 755 | 28 75      | 730 | 32 38      | 822 | 32 38     | 822 |
| RA1342    | 31         | 787 | 29 75      | 755 | 29 75     | 755 | 32 75      | 831 | 32 38      | 822 | 32 38     | 822 |
| RA1348    | 27         | 685 | 33 75      | 857 | 33 75     | 857 | 28 75      | 730 | 36 38      | 924 | 36 38     | 924 |
| RA1360    | 31         | 787 | 35 75      | 908 | 35 75     | 908 | 32 75      | 831 | 38 38      | 974 | 38 38     | 974 |



[ ] Designates Metric Conversions

ST-A1226-02-00

## CLEARANCES



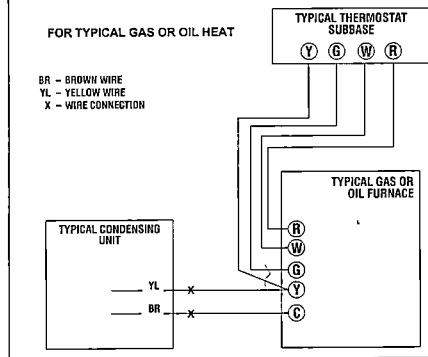
NOTE: NUMBERS IN ( ) = mm

IMPORTANT: When installing multiple units in an above roof well or partially enclosed area, ensure there is adequate ventilation to prevent re-circulation of discharge air.

ST-A1225-01-00

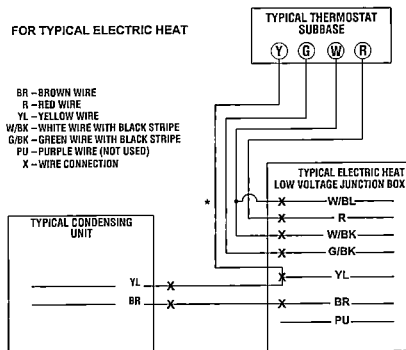
## Control Wiring

**FIGURE 2**  
CONTROL WIRING FOR GAS OR OIL FURNACE



\*IF MAXIMUM OUTLET TEMPERATURE RISE IS DESIRED, IT IS RECOMMENDED THAT W1 (W/BK) AND W2 (W/BL) BE JUMPED TOGETHER

FOR TYPICAL ELECTRIC HEAT



## Application Guidelines

- 1 Intended for outdoor installation with free air inlet and outlet. Outdoor fan external static pressure available is less than 0.01 -in. wc.
- 2 Minimum outdoor operation air temperature for cooling mode without low-ambient operation accessory is 55°F (12.8°C)
- 3 Maximum outdoor operating air temperature is 125°F (51.7°C).
- 4 For reliable operation, unit should be level in all horizontal planes
- 5 Use only copper wire for electric connections at unit. Aluminum and clad aluminum are not acceptable for the type of connector provided.
- 6 Do not apply capillary tube indoor coils to these units.
- 7 Factory - supplied filter drier must be installed.

# Refrigerant Line Size Information

| R-410A System Capacity Model | Liquid Line Size Connection Size (Inch I.D.) [mm] | Liquid Line Size (Inch O.D.) [mm] | Liquid Line Size<br>Elevation (Above or Below) Indoor Coil<br>Total Equivalent Length - Feet [m] |            |            |             |             |             |             |             |             |             |             |             |     |     |     |
|------------------------------|---------------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------|------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----|-----|-----|
|                              |                                                   |                                   | 25 [7.62]                                                                                        | 50 [15.24] | 75 [22.86] | 100 [30.48] | 125 [45.72] | 150 [45.72] | 175 [53.34] | 200 [60.96] | 225 [68.58] | 250 [76.20] | 275 [83.82] | 300 [91.44] |     |     |     |
|                              |                                                   |                                   | Maximum Vertical Separation - Feet [m]                                                           |            |            |             |             |             |             |             |             |             |             |             |     |     |     |
| 18                           | 3/8" [9.53]                                       | 1/4 [6.35]                        | 25 [7.62]                                                                                        | 50 [15.24] | 65 [19.81] | 50 [15.24]  | 40 [12.19]  | 25 [7.62]   | 10 [3.05]   | N/R         | N/R         | N/R         | N/R         | N/R         | N/R | N/R | N/R |
|                              |                                                   | 5/16 [7.94]                       | 25 [7.62]                                                                                        | 50 [15.24] | 75 [22.86] | 95 [28.96]  | 90 [27.43]  | 90 [27.43]  | 85 [25.91]  | 80 [24.38]  | 75 [22.86]  | 75 [22.86]  | 70 [21.34]  | 65 [19.81]  |     |     |     |
|                              |                                                   | 3/8 [9.53]                        | 25 [7.62]                                                                                        | 50 [15.24] | 75 [22.86] | 100 [30.48] | 105 [32]    | 100 [30.48] | 100 [30.48] | 100 [30.48] | 100 [30.48] | 95 [28.96]  | 95 [28.96]  | 95 [28.96]  |     |     |     |
|                              |                                                   | 7/16 [11.12]                      | 25 [7.62]                                                                                        | 50 [15.24] | 75 [22.86] | 100 [30.48] | 105 [32]    | 105 [32]    | 105 [32]    | 105 [32]    | 105 [32]    | 105 [32]    | 105 [32]    | 105 [32]    |     |     |     |
|                              |                                                   | 1/2 [12.71]                       | 25 [7.62]                                                                                        | 50 [15.24] | 75 [22.86] | 100 [30.48] | 110 [33.53] | 110 [33.53] | 110 [33.53] | 110 [33.53] | 105 [32]    | 105 [32]    | 105 [32]    | 105 [32]    |     |     |     |
| 24                           | 3/8" [9.53]                                       | 1/4 [6.35]                        | 25 [7.62]                                                                                        | 50 [15.24] | 35 [10.67] | 10 [3.05]   | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R | N/R | N/R |
|                              |                                                   | 5/16 [7.94]                       | 25 [7.62]                                                                                        | 50 [15.24] | 75 [22.86] | 85 [25.91]  | 75 [22.86]  | 70 [21.34]  | 65 [19.81]  | 55 [16.76]  | 50 [15.24]  | 45 [13.72]  | 40 [12.19]  | 30 [9.14]   |     |     |     |
|                              |                                                   | 3/8 [9.53]                        | 25 [7.62]                                                                                        | 50 [15.24] | 75 [22.86] | 100 [30.48] | 100 [30.48] | 95 [28.96]  | 95 [28.96]  | 90 [27.43]  | 90 [27.43]  | 85 [25.91]  | 85 [25.91]  | 80 [24.38]  |     |     |     |
|                              |                                                   | 7/16 [11.12]                      | 25 [7.62]                                                                                        | 50 [15.24] | 75 [22.86] | 100 [30.48] | 105 [32]    | 105 [32]    | 100 [30.48] | 100 [30.48] | 100 [30.48] | 100 [30.48] | 100 [30.48] | 95 [28.96]  |     |     |     |
|                              |                                                   | 1/2 [12.71]                       | 25 [7.62]                                                                                        | 50 [15.24] | 75 [22.86] | 100 [30.48] | 105 [32]    | 105 [32]    | 105 [32]    | 105 [32]    | 105 [32]    | 105 [32]    | 105 [32]    | 105 [32]    |     |     |     |
| 30                           | 3/8" [9.53]                                       | 1/4 [6.35]                        | 25 [7.62]                                                                                        | 25 [7.62]  | N/R        | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R | N/R | N/R |
|                              |                                                   | 5/16 [7.94]                       | 25 [7.62]                                                                                        | 50 [15.24] | 75 [22.86] | 65 [19.81]  | 55 [16.76]  | 45 [13.72]  | 35 [10.67]  | 25 [7.62]   | 15 [4.57]   | 5 [1.52]    | N/R         | N/R         | N/R | N/R |     |
|                              |                                                   | 3/8 [9.53]                        | 25 [7.62]                                                                                        | 50 [15.24] | 75 [22.86] | 90 [27.43]  | 90 [27.43]  | 85 [25.91]  | 80 [24.38]  | 80 [24.38]  | 75 [22.86]  | 70 [21.34]  | 65 [19.81]  | 65 [19.81]  |     |     |     |
|                              |                                                   | 7/16 [11.12]                      | 25 [7.62]                                                                                        | 50 [15.24] | 75 [22.86] | 100 [30.48] | 95 [28.96]  | 95 [28.96]  | 95 [28.96]  | 95 [28.96]  | 90 [27.43]  | 90 [27.43]  | 90 [27.43]  | 85 [25.91]  |     |     |     |
|                              |                                                   | 1/2 [12.71]                       | 25 [7.62]                                                                                        | 50 [15.24] | 75 [22.86] | 100 [30.48] | 100 [30.48] | 100 [30.48] | 100 [30.48] | 100 [30.48] | 100 [30.48] | 100 [30.48] | 95 [28.96]  | 95 [28.96]  |     |     |     |
| 36                           | 3/8" [9.53]                                       | 1/4 [6.35]                        | 25 [7.62]                                                                                        | N/R        | N/R        | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R | N/R | N/R |
|                              |                                                   | 5/16 [7.94]                       | 25 [7.62]                                                                                        | 50 [15.24] | 65 [19.81] | 50 [15.24]  | 35 [10.67]  | 25 [7.62]   | 10 [3.05]   | N/R         | N/R         | N/R         | N/R         | N/R         |     |     |     |
|                              |                                                   | 3/8 [9.53]                        | 25 [7.62]                                                                                        | 50 [15.24] | 75 [22.86] | 85 [25.91]  | 80 [24.38]  | 75 [22.86]  | 70 [21.34]  | 65 [19.81]  | 60 [18.29]  | 60 [18.29]  | 55 [16.76]  | 50 [15.24]  |     |     |     |
|                              |                                                   | 7/16 [11.12]                      | 25 [7.62]                                                                                        | 50 [15.24] | 75 [22.86] | 95 [28.96]  | 95 [28.96]  | 90 [27.43]  | 90 [27.43]  | 85 [25.91]  | 85 [25.91]  | 85 [25.91]  | 80 [24.38]  | 80 [24.38]  |     |     |     |
|                              |                                                   | 1/2 [12.71]                       | 25 [7.62]                                                                                        | 50 [15.24] | 75 [22.86] | 100 [30.48] | 100 [30.48] | 95 [28.96]  | 95 [28.96]  | 95 [28.96]  | 95 [28.96]  | 95 [28.96]  | 90 [27.43]  | 90 [27.43]  |     |     |     |
| 42                           | 3/8" [9.53]                                       | 1/4 [6.35]                        | 25 [7.62]                                                                                        | N/R        | N/R        | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R | N/R | N/R |
|                              |                                                   | 5/16 [7.94]                       | 25 [7.62]                                                                                        | 50 [15.24] | 50 [15.24] | 30 [9.14]   | 15 [4.57]   | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R | N/R |     |
|                              |                                                   | 3/8 [9.53]                        | 25 [7.62]                                                                                        | 50 [15.24] | 75 [22.86] | 80 [24.38]  | 70 [21.34]  | 65 [19.81]  | 60 [18.29]  | 55 [16.76]  | 50 [15.24]  | 40 [12.19]  | 35 [10.67]  | 30 [9.14]   |     |     |     |
|                              |                                                   | 7/16 [11.12]                      | 25 [7.62]                                                                                        | 50 [15.24] | 75 [22.86] | 95 [28.96]  | 90 [27.43]  | 85 [25.91]  | 80 [24.38]  | 80 [24.38]  | 75 [22.86]  | 75 [22.86]  | 70 [21.34]  | 70 [21.34]  |     |     |     |
|                              |                                                   | 1/2 [12.71]                       | 25 [7.62]                                                                                        | 50 [15.24] | 75 [22.86] | 100 [30.48] | 95 [28.96]  | 95 [28.96]  | 95 [28.96]  | 95 [28.96]  | 90 [27.43]  | 90 [27.43]  | 90 [27.43]  | 90 [27.43]  |     |     |     |
| 48                           | 3/8" [9.53]                                       | 1/4 [6.35]                        | 5 [1.52]                                                                                         | N/R        | N/R        | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R | N/R | N/R |
|                              |                                                   | 5/16 [7.94]                       | 25 [7.62]                                                                                        | 50 [15.24] | 30 [9.14]  | 5 [1.52]    | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R | N/R |     |
|                              |                                                   | 3/8 [9.53]                        | 25 [7.62]                                                                                        | 50 [15.24] | 75 [22.86] | 65 [19.81]  | 60 [18.29]  | 50 [15.24]  | 45 [13.72]  | 35 [10.67]  | 25 [7.62]   | 20 [6.1]    | 10 [3.05]   | N/R         |     |     |     |
|                              |                                                   | 7/16 [11.12]                      | 25 [7.62]                                                                                        | 50 [15.24] | 75 [22.86] | 85 [25.91]  | 80 [24.38]  | 80 [24.38]  | 75 [22.86]  | 70 [21.34]  | 65 [19.81]  | 60 [18.29]  | 60 [18.29]  | 60 [18.29]  |     |     |     |
|                              |                                                   | 1/2 [12.71]                       | 25 [7.62]                                                                                        | 50 [15.24] | 75 [22.86] | 90 [27.43]  | 90 [27.43]  | 85 [25.91]  | 85 [25.91]  | 85 [25.91]  | 80 [24.38]  | 80 [24.38]  | 80 [24.38]  | 80 [24.38]  |     |     |     |
| 60                           | 3/8" [9.53]                                       | 1/4 [6.35]                        | N/R                                                                                              | N/R        | N/R        | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R | N/R | N/R |
|                              |                                                   | 5/16 [7.94]                       | 20 [6.1]                                                                                         | N/R        | N/R        | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R | N/R | N/R |
|                              |                                                   | 3/8 [9.53]                        | 25 [7.62]                                                                                        | 30 [9.14]  | 20 [6.1]   | 5 [1.52]    | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R | N/R | N/R |
|                              |                                                   | 7/16 [11.12]                      | 25 [7.62]                                                                                        | 45 [13.72] | 40 [12.19] | 35 [10.67]  | 30 [9.14]   | 25 [7.62]   | 20 [6.1]    | 15 [4.57]   | 10 [3.05]   | N/R         | N/R         | N/R         |     |     |     |
|                              |                                                   | 1/2 [12.71]                       | 25 [7.62]                                                                                        | 50 [15.24] | 45 [13.72] | 45 [13.72]  | 40 [12.19]  | 40 [12.19]  | 35 [10.67]  | 35 [10.67]  | 30 [9.14]   | 30 [9.14]   | 25 [7.62]   | 25 [7.62]   |     |     |     |

## NOTES:

N/R = Application not recommended

Grey = This application is acceptable, but the long line guidelines must be followed. Reference Long Line Set section in the L50

[ ] Designates Metric Conversions

## Refrigerant Line Size Information (con't.)

| R-410A System Capacity Model | Vapor Line Connection Size (Inch I.D.) [mm] | Vapor Line Size (Inch O.D.) [mm] | Vapor Line Selection Chart<br>Capacity Multiplier Table<br>Total Equivalent Length - Feet [m] |            |            |             |             |             |             |             |             |             |             |             |
|------------------------------|---------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------|------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|                              |                                             |                                  | 25 [7.62]                                                                                     | 50 [15.24] | 75 [22.86] | 100 [30.48] | 125 [45.72] | 150 [45.72] | 175 [53.34] | 200 [60.96] | 225 [68.58] | 250 [76.20] | 275 [83.82] | 300 [91.44] |
|                              |                                             |                                  |                                                                                               |            |            |             |             |             |             |             |             |             |             |             |
| 18                           | 3/4" [19.06]                                | 5/8 [15.88]                      | 1.00                                                                                          | 0.99       | 0.99       | 0.98        | 0.98        | 0.98        | 0.97        | 0.97        | 0.96        | 0.96        | 0.96        | 0.95        |
|                              |                                             | 3/4 [19.05]                      | 1.00                                                                                          | 1.00       | 1.00       | 1.00        | 1.00        | 0.99        | 0.99        | 0.99        | 0.99        | 0.99        | 0.99        | 0.99        |
|                              |                                             | 7/8 [22.23]                      | N/R                                                                                           | N/R        | N/R        | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         |
|                              |                                             | 1 [25.4]                         | N/R                                                                                           | N/R        | N/R        | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         |
|                              |                                             | 1-1/8 [28.58]                    | N/R                                                                                           | N/R        | N/R        | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         |
| 24                           | 3/4" [19.06]                                | 5/8 [15.88]                      | 1.00                                                                                          | 0.99       | 0.99       | 0.98        | 0.98        | 0.98        | 0.97        | 0.97        | 0.96        | 0.96        | 0.96        | 0.95        |
|                              |                                             | 3/4 [19.05]                      | 1.00                                                                                          | 1.00       | 1.00       | 1.00        | 1.00        | 0.99        | 0.99        | 0.99        | 0.99        | 0.99        | 0.99        | 0.99        |
|                              |                                             | 7/8 [22.23]                      | 1.00                                                                                          | 1.00       | 1.00       | 1.00        | 1.00        | 1.00        | 1.00        | 1.00        | 1.00        | 1.00        | 1.00        | 1.00        |
|                              |                                             | 1 [25.4]                         | N/R                                                                                           | N/R        | N/R        | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         |
|                              |                                             | 1-1/8 [28.58]                    | N/R                                                                                           | N/R        | N/R        | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         |
| 30                           | 3/4" [19.06]                                | 5/8 [15.88]                      | 1.00                                                                                          | 0.99       | 0.99       | 0.98        | 0.98        | 0.98        | 0.97        | 0.97        | 0.96        | 0.96        | 0.96        | 0.95        |
|                              |                                             | 3/4 [19.05]                      | 1.00                                                                                          | 1.00       | 1.00       | 1.00        | 1.00        | 0.99        | 0.99        | 0.99        | 0.99        | 0.99        | 0.99        | 0.99        |
|                              |                                             | 7/8 [22.23]                      | 1.00                                                                                          | 1.00       | 1.00       | 1.00        | 1.00        | 1.00        | 1.00        | 1.00        | 1.00        | 1.00        | 1.00        | 1.00        |
|                              |                                             | 1 [25.4]                         | 1.00                                                                                          | 1.00       | 1.00       | 1.00        | 1.00        | 1.00        | 1.00        | 1.00        | 1.01        | 1.01        | 1.01        | 1.01        |
|                              |                                             | 1-1/8 [28.58]                    | N/R                                                                                           | N/R        | N/R        | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         |
| 36                           | 3/4" [19.06]                                | 5/8 [15.88]                      | 1.00                                                                                          | 0.99       | 0.99       | 0.98        | 0.98        | 0.98        | 0.97        | 0.97        | 0.96        | 0.96        | 0.96        | 0.95        |
|                              |                                             | 3/4 [19.05]                      | 1.00                                                                                          | 1.00       | 1.00       | 1.00        | 1.00        | 0.99        | 0.99        | 0.99        | 0.99        | 0.99        | 0.99        | 0.99        |
|                              |                                             | 7/8 [22.23]                      | 1.00                                                                                          | 1.00       | 1.00       | 1.00        | 1.00        | 1.00        | 1.00        | 1.00        | 1.00        | 1.00        | 1.00        | 1.00        |
|                              |                                             | 1 [25.4]                         | 1.00                                                                                          | 1.00       | 1.00       | 1.00        | 1.00        | 1.00        | 1.00        | 1.00        | 1.01        | 1.01        | 1.01        | 1.01        |
|                              |                                             | 1-1/8 [28.58]                    | 1.00                                                                                          | 1.00       | 1.00       | 1.00        | 1.00        | 1.00        | 1.01        | 1.01        | 1.01        | 1.01        | 1.01        | 1.01        |
| 42                           | 7/8" [22.23]                                | 5/8 [15.88]                      | 1.00                                                                                          | 0.99       | 0.99       | 0.98        | 0.98        | 0.98        | 0.97        | 0.97        | 0.96        | 0.96        | 0.96        | 0.95        |
|                              |                                             | 3/4 [19.05]                      | 1.00                                                                                          | 1.00       | 1.00       | 1.00        | 1.00        | 0.99        | 0.99        | 0.99        | 0.99        | 0.99        | 0.99        | 0.99        |
|                              |                                             | 7/8 [22.23]                      | 1.00                                                                                          | 1.00       | 1.00       | 1.00        | 1.00        | 1.00        | 1.00        | 1.00        | 1.00        | 1.00        | 1.00        | 1.00        |
|                              |                                             | 1 [25.4]                         | 1.00                                                                                          | 1.00       | 1.00       | 1.00        | 1.00        | 1.00        | 1.00        | 1.00        | 1.00        | 1.01        | 1.01        | 1.01        |
|                              |                                             | 1-1/8 [28.58]                    | 1.00                                                                                          | 1.00       | 1.00       | 1.00        | 1.00        | 1.00        | 1.01        | 1.01        | 1.01        | 1.01        | 1.01        | 1.01        |
| 48                           | 7/8" [22.23]                                | 5/8 [15.88]                      | 1.00                                                                                          | 0.99       | 0.99       | 0.98        | 0.98        | 0.98        | 0.97        | 0.97        | 0.96        | 0.96        | 0.96        | N/R         |
|                              |                                             | 3/4 [19.05]                      | 1.00                                                                                          | 1.00       | 1.00       | 1.00        | 1.00        | 0.99        | 0.99        | 0.99        | 0.99        | 0.99        | 0.99        | N/R         |
|                              |                                             | 7/8 [22.23]                      | 1.00                                                                                          | 1.00       | 1.00       | 1.00        | 1.00        | 1.00        | 1.00        | 1.00        | 1.00        | 1.00        | 1.00        | N/R         |
|                              |                                             | 1 [25.4]                         | 1.00                                                                                          | 1.00       | 1.00       | 1.00        | 1.00        | 1.00        | 1.00        | 1.00        | 1.00        | 1.01        | 1.01        | N/R         |
|                              |                                             | 1-1/8 [28.58]                    | N/R                                                                                           | N/R        | N/R        | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         |
| 60                           | 7/8" [22.23]                                | 5/8 [15.88]                      | 1.00                                                                                          | 0.99       | 0.99       | 0.98        | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         |
|                              |                                             | 3/4 [19.05]                      | 1.00                                                                                          | 1.00       | 1.00       | 1.00        | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         |
|                              |                                             | 7/8 [22.23]                      | 1.00                                                                                          | 1.00       | 1.00       | 1.00        | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         |
|                              |                                             | 1 [25.4]                         | 1.00                                                                                          | 1.00       | 1.00       | 1.00        | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         |
|                              |                                             | 1-1/8 [28.58]                    | 1.00                                                                                          | 1.00       | 1.00       | 1.00        | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         | N/R         |

## NOTES

N/R = Application not recommended  
 All calculations assume a 3/8" liquid line

[ ] Designates Metric Conversions

## Performance Data @ AHRI Standard Conditions – Cooling

| High Sales Volume Tested Combination (HSVTC) |             |                              |                            |                          |      |     |                     |         |
|----------------------------------------------|-------------|------------------------------|----------------------------|--------------------------|------|-----|---------------------|---------|
| Outdoor Unit                                 | Indoor Coil | Total Capacity<br>BTU/H [kW] | Net Sensible<br>BTU/H [kW] | Net Latent<br>BTU/H [kW] | SEER | EER | Indoor CFM<br>[L/s] | AHRI#   |
| RA1318AJ1                                    | RCF2417STAM | 17600 [5.2]                  | 13100 [3.8]                | 4500 [1.3]               | 13   | 11  | 600 [283.2]         | 7507439 |
| RA1324AJ1                                    | RCF2417STAM | 23600 [6.9]                  | 17600 [5.2]                | 6000 [1.8]               | 13   | 11  | 800 [377.6]         | 7507649 |
| RA1330AJ1                                    | RCF3617STAM | 28400 [8.3]                  | 21600 [6.3]                | 6800 [2.0]               | 13   | 11  | 1000 [471.9]        | 7507846 |
| RA1336AC1                                    | RCF3617STAM | 34600 [10.1]                 | 24500 [7.2]                | 10100 [3.0]              | 13   | 11  | 1025 [483.7]        | 7508191 |
| RA1336AJ1                                    | RCF3617STAM | 34600 [10.1]                 | 24500 [7.2]                | 10100 [3.0]              | 13   | 11  | 1025 [483.7]        | 7508557 |
| RA1342AC1                                    | RCF4821STAM | 40500 [11.9]                 | 30300 [8.9]                | 10200 [3.0]              | 13   | 11  | 1400 [660.7]        | 7511558 |
| RA1342AJ1                                    | RCF4821STAM | 40500 [11.9]                 | 30300 [8.9]                | 10200 [3.0]              | 13   | 11  | 1400 [660.7]        | 7511792 |
| RA1348AC1                                    | RCF4821STAM | 47500 [13.9]                 | 34100 [10.0]               | 13400 [3.9]              | 13   | 11  | 1500 [707.9]        | 7508923 |
| RA1348AJ1                                    | RCF4821STAM | 47500 [13.9]                 | 34100 [10.0]               | 13400 [3.9]              | 13   | 11  | 1500 [707.9]        | 7509148 |
| RA1360AC1                                    | RCF6024STAM | 56000 [16.4]                 | 39600 [11.6]               | 16400 [4.8]              | 13   | 11  | 1600 [755.1]        | 7509314 |
| RA1360AJ1                                    | RCF6024STAM | 56000 [16.4]                 | 39600 [11.6]               | 16400 [4.8]              | 13   | 11  | 1600 [755.1]        | 7509436 |

[ ] Designates Metric Conversions

# Performance Data @ AHRI Standard Conditions – Cooling (con't.)

| Coil Only Ratings |                      |                              |                            |                          |      |      |                     |         |
|-------------------|----------------------|------------------------------|----------------------------|--------------------------|------|------|---------------------|---------|
| Outdoor Unit      | Indoor Coil          | Total Capacity<br>BTU/H [kW] | Net Sensible<br>BTU/H [kW] | Net Latent<br>BTU/H [kW] | SEER | EER  | Indoor CFM<br>[L/s] | AHRI#   |
| RA1318AJ1         | RCF2414STAM+RXMD-C04 | 17600 [5.2]                  | 12600 [3.7]                | 5000 [1.5]               | 13   | 11   | 600 [283.2]         | 7507408 |
|                   | RCF2417HTAM+RXMD-C04 | 17500 [5.1]                  | 12300 [3.6]                | 5200 [1.5]               | 13   | 11   | 600 [283.2]         | 7507423 |
|                   | RCF2417MTAM+RXMD-C04 | 17500 [5.1]                  | 12300 [3.6]                | 5200 [1.5]               | 13   | 11   | 600 [283.2]         | 7507438 |
|                   | RCF2421MTAM+RXMD-C04 | 17500 [5.1]                  | 12300 [3.6]                | 5200 [1.5]               | 13   | 11   | 600 [283.2]         | 7507491 |
|                   | RCF2421HTAM+RXMD-C04 | 17500 [5.1]                  | 12300 [3.6]                | 5200 [1.5]               | 13   | 11   | 600 [283.2]         | 7507472 |
| RA1324AJ1         | RCF2414STAM+RXMD-C04 | 23800 [7.0]                  | 17100 [5.0]                | 6700 [2.0]               | 13   | 11   | 800 [377.6]         | 7507612 |
|                   | RCF2417HTAM+RXMD-C04 | 23400 [6.9]                  | 16500 [4.8]                | 6900 [2.0]               | 13   | 11   | 800 [377.6]         | 7507630 |
|                   | RCF2417MTAM+RXMD-C04 | 23400 [6.9]                  | 16500 [4.8]                | 6900 [2.0]               | 13   | 11   | 800 [377.6]         | 7507648 |
|                   | RCF2421MTAM+RXMD-C04 | 23400 [6.9]                  | 16500 [4.8]                | 6900 [2.0]               | 13   | 11   | 800 [377.6]         | 7507716 |
|                   | RCF2421HTAM+RXMD-C04 | 23400 [6.9]                  | 16500 [4.8]                | 6900 [2.0]               | 13   | 11   | 800 [377.6]         | 7507691 |
| RA1330AJ1         | RCF3621HTAM+RXMD-C04 | 30000 [8.8]                  | 22200 [6.5]                | 7800 [2.3]               | 13.5 | 11.5 | 1000 [471.9]        | 8086540 |
|                   | RCF3621MTAM+RXMD-C04 | 29800 [8.7]                  | 21900 [6.4]                | 7900 [2.3]               | 13.5 | 11.5 | 1000 [471.9]        | 7507895 |
|                   | RCF3621STAM+RXMD-C04 | 28400 [8.3]                  | 20500 [6.0]                | 7900 [2.3]               | 13   | 11   | 1000 [471.9]        | 7507926 |
|                   | RCF3624HTAM+RXMD-C04 | 30000 [8.8]                  | 21800 [6.4]                | 8200 [2.4]               | 13.5 | 11.5 | 1000 [471.9]        | 7507950 |
|                   | RCF3624MTAM+RXMD-C04 | 29800 [8.7]                  | 21900 [6.4]                | 7900 [2.3]               | 13.5 | 11.5 | 1000 [471.9]        | 7507973 |
| RA1336AC1         | RCF3621HTAM+RXMD-C04 | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 13.5 | 11.5 | 1200 [566.3]        | 8086558 |
|                   | RCF3621MTAM+RXMD-C04 | 36000 [10.6]                 | 24300 [7.1]                | 11700 [3.4]              | 13.5 | 11.5 | 1025 [483.7]        | 7508240 |
|                   | RCF3621STAM+RXMD-C04 | 34400 [10.1]                 | 23100 [6.8]                | 11300 [3.3]              | 13   | 11   | 1025 [483.7]        | 7508271 |
|                   | RCF3624HTAM+RXMD-C04 | 36000 [10.6]                 | 24200 [7.1]                | 11800 [3.5]              | 13.5 | 11.5 | 1025 [483.7]        | 7508298 |
|                   | RCF3624MTAM+RXMD-C04 | 36000 [10.6]                 | 24300 [7.1]                | 11700 [3.4]              | 13.5 | 11.5 | 1025 [483.7]        | 7508325 |
| RA1336AJ1         | RCF3621HTAM+RXMD-C04 | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 13.5 | 11.5 | 1200 [566.3]        | 8086596 |
|                   | RCF3621MTAM+RXMD-C04 | 36000 [10.6]                 | 24300 [7.1]                | 11700 [3.4]              | 13.5 | 11.5 | 1025 [483.7]        | 7508606 |
|                   | RCF3621STAM+RXMD-C04 | 34400 [10.1]                 | 23100 [6.8]                | 11300 [3.3]              | 13   | 11   | 1025 [483.7]        | 7508637 |
|                   | RCF3624HTAM+RXMD-C04 | 36000 [10.6]                 | 24200 [7.1]                | 11800 [3.5]              | 13.5 | 11.5 | 1025 [483.7]        | 7508664 |
|                   | RCF3624MTAM+RXMD-C04 | 36000 [10.6]                 | 24300 [7.1]                | 11700 [3.4]              | 13.5 | 11.5 | 1025 [483.7]        | 7508691 |
| RA1342AC1         | RCF4821MTAM+RXMD-C04 | 41000 [12.0]                 | 29200 [8.6]                | 11800 [3.5]              | 13   | 11   | 1400 [660.7]        | 8086552 |
|                   | RCF4824HTAM+RXMD-C04 | 41500 [12.2]                 | 29400 [8.6]                | 12100 [3.5]              | 13   | 11.5 | 1400 [660.7]        | 7511616 |
|                   | RCF4824STAM+RXMD-C04 | 40000 [11.7]                 | 28000 [8.2]                | 12000 [3.5]              | 13   | 11   | 1375 [648.9]        | 7511643 |
|                   | RCF4821MTAM+RXMD-C04 | 41000 [12.0]                 | 29200 [8.6]                | 11800 [3.5]              | 13   | 11   | 1400 [660.7]        | 8086708 |
|                   | RCF4824HTAM+RXMD-C04 | 41500 [12.2]                 | 29400 [8.6]                | 12100 [3.5]              | 13   | 11.5 | 1400 [660.7]        | 7511850 |
| RA1342AJ1         | RCF4824STAM+RXMD-C04 | 40000 [11.7]                 | 28000 [8.2]                | 12000 [3.5]              | 13   | 11   | 1375 [648.9]        | 7511877 |
|                   | RCF4821MTAM+RXMD-C04 | 48000 [14.1]                 | 34400 [10.1]               | 13600 [4.0]              | 13   | 11   | 1550 [731.5]        | 8086744 |
|                   | RCF4824HTAM+RXMD-C04 | 48000 [14.1]                 | 32700 [9.6]                | 15300 [4.5]              | 13   | 11.5 | 1500 [707.9]        | 7508968 |
|                   | RCF4824STAM+RXMD-C04 | 47500 [13.9]                 | 34100 [10.0]               | 13400 [3.9]              | 13   | 11   | 1500 [707.9]        | 7509019 |
|                   | RCF4821MTAM+RXMD-C04 | 48000 [14.1]                 | 34400 [10.1]               | 13600 [4.0]              | 13   | 11   | 1550 [731.5]        | 8086780 |
| RA1348AJ1         | RCF4824HTAM+RXMD-C04 | 48000 [14.1]                 | 32700 [9.6]                | 15300 [4.5]              | 13   | 11.5 | 1500 [707.9]        | 7509188 |
|                   | RCF4824STAM+RXMD-C04 | 47500 [13.9]                 | 34100 [10.0]               | 13400 [3.9]              | 13   | 11   | 1500 [707.9]        | 7509210 |
|                   | RCF6024HTAM+RXMD-C04 | 56000 [16.4]                 | 39600 [11.6]               | 16400 [4.8]              | 13   | 11   | 1600 [755.1]        | 7509313 |
|                   | RCF6024STAM+RXMD-C04 | 56000 [16.4]                 | 39600 [11.6]               | 16400 [4.8]              | 13   | 11   | 1600 [755.1]        | 7509435 |
|                   | RCF6024HTAM+RXMD-C04 | 56000 [16.4]                 | 39600 [11.6]               | 16400 [4.8]              | 13   | 11   | 1600 [755.1]        | 7509435 |

[ ] Designates Metric Conversions

## Performance Data @ AHRI Standard Conditions – Cooling (con't.)

| R801T, Achiever Plus Single-Stage X-13 80% Furnace Rating |                 |             |                           |                         |                       |      |      |                  |         |
|-----------------------------------------------------------|-----------------|-------------|---------------------------|-------------------------|-----------------------|------|------|------------------|---------|
| Outdoor Unit                                              | Furnace         | Indoor Coil | Total Capacity BTU/H [kW] | Net Sensible BTU/H [kW] | Net Latent BTU/H [kW] | SEER | EER  | Indoor CFM [L/s] | AHRI#   |
| RA1318AJ1                                                 | R801TA050314MSA | RCF2414STAM | 18000 [5.3]               | 13000 [3.8]             | 5000 [1.5]            | 14.5 | 12   | 625 [295.0]      | 7507407 |
|                                                           |                 | RCF2417HTAM | 18000 [5.3]               | 12800 [3.8]             | 5200 [1.5]            | 14.5 | 12   | 625 [295.0]      | 7507409 |
|                                                           |                 | RCF2417MTAM | 18000 [5.3]               | 12800 [3.8]             | 5200 [1.5]            | 14.5 | 12   | 625 [295.0]      | 7507424 |
|                                                           |                 | RCF2417STAM | 18000 [5.3]               | 13500 [4.0]             | 4500 [1.3]            | 14.5 | 12   | 625 [295.0]      | 7507440 |
| RA1318AJ1                                                 | R801TA050314MXA | RCF2414STAM | 18000 [5.3]               | 13000 [3.8]             | 5000 [1.5]            | 14.5 | 12   | 625 [295.0]      | 8050154 |
|                                                           |                 | RCF2417HTAM | 18000 [5.3]               | 12800 [3.8]             | 5200 [1.5]            | 14.5 | 12   | 625 [295.0]      | 8050155 |
|                                                           |                 | RCF2417MTAM | 18000 [5.3]               | 12800 [3.8]             | 5200 [1.5]            | 14.5 | 12   | 625 [295.0]      | 8050162 |
|                                                           |                 | RCF2417STAM | 18000 [5.3]               | 13500 [4.0]             | 4500 [1.3]            | 14.5 | 12   | 625 [295.0]      | 8050169 |
| RA1318AJ1                                                 | R801TA075317ZSA | RCF2417HTAM | 18000 [5.3]               | 12900 [3.8]             | 5100 [1.5]            | 14.5 | 12   | 650 [306.8]      | 7507410 |
|                                                           |                 | RCF2417MTAM | 18000 [5.3]               | 12900 [3.8]             | 5100 [1.5]            | 14.5 | 12   | 650 [306.8]      | 7507425 |
|                                                           |                 | RCF2417STAM | 18000 [5.3]               | 13600 [4.0]             | 4400 [1.3]            | 14.5 | 12   | 650 [306.8]      | 7507441 |
|                                                           |                 | RCF2421MTAM | 18000 [5.3]               | 12900 [3.8]             | 5100 [1.5]            | 14.5 | 12   | 650 [306.8]      | 7507473 |
| RA1318AJ1                                                 | R801TA075317ZXA | RCF2417HTAM | 18000 [5.3]               | 12900 [3.8]             | 5100 [1.5]            | 14.5 | 12   | 650 [306.8]      | 8050156 |
|                                                           |                 | RCF2417MTAM | 18000 [5.3]               | 12900 [3.8]             | 5100 [1.5]            | 14.5 | 12   | 650 [306.8]      | 8050163 |
|                                                           |                 | RCF2417STAM | 18000 [5.3]               | 13600 [4.0]             | 4400 [1.3]            | 14.5 | 12   | 650 [306.8]      | 8050170 |
|                                                           |                 | RCF2421MTAM | 18000 [5.3]               | 12900 [3.8]             | 5100 [1.5]            | 14.5 | 12   | 650 [306.8]      | 8050183 |
| RA1318AJ1                                                 | R801TA075317ZSA | RCF2421HTAM | 18000 [5.3]               | 12900 [3.8]             | 5100 [1.5]            | 14.5 | 12   | 650 [306.8]      | 7507454 |
| RA1318AJ1                                                 | R801TA075317ZXA | RCF2421HTAM | 18000 [5.3]               | 12900 [3.8]             | 5100 [1.5]            | 14.5 | 12   | 650 [306.8]      | 8050176 |
| RA1324AJ1                                                 | R801TA050314MSA | RCF2414STAM | 24000 [7.0]               | 17300 [5.1]             | 6700 [2.0]            | 14.5 | 12   | 800 [377.6]      | 7507611 |
|                                                           |                 | RCF2417HTAM | 24000 [7.0]               | 17300 [5.1]             | 6700 [2.0]            | 14.5 | 12   | 875 [413.0]      | 7507613 |
|                                                           |                 | RCF2417MTAM | 24000 [7.0]               | 17300 [5.1]             | 6700 [2.0]            | 14.5 | 12   | 850 [401.2]      | 7507631 |
|                                                           |                 | RCF2417STAM | 24000 [7.0]               | 18100 [5.3]             | 5900 [1.7]            | 14   | 11.5 | 825 [389.4]      | 7507650 |
| RA1324AJ1                                                 | R801TA050314MXA | RCF2414STAM | 24000 [7.0]               | 17300 [5.1]             | 6700 [2.0]            | 14.5 | 12   | 800 [377.6]      | 8050231 |
|                                                           |                 | RCF2417HTAM | 24000 [7.0]               | 17300 [5.1]             | 6700 [2.0]            | 14.5 | 12   | 875 [413.0]      | 8050232 |
|                                                           |                 | RCF2417MTAM | 24000 [7.0]               | 17300 [5.1]             | 6700 [2.0]            | 14.5 | 12   | 850 [401.2]      | 8050239 |
|                                                           |                 | RCF2417STAM | 24000 [7.0]               | 18100 [5.3]             | 5900 [1.7]            | 14   | 11.5 | 825 [389.4]      | 8050246 |
| RA1324AJ1                                                 | R801TA075317ZSA | RCF2417HTAM | 24000 [7.0]               | 17300 [5.1]             | 6700 [2.0]            | 14   | 11.5 | 875 [413.0]      | 7507614 |
|                                                           |                 | RCF2417MTAM | 24000 [7.0]               | 17300 [5.1]             | 6700 [2.0]            | 14   | 11.5 | 875 [413.0]      | 7507632 |
|                                                           |                 | RCF2417STAM | 24000 [7.0]               | 18200 [5.3]             | 5800 [1.7]            | 14   | 11.5 | 850 [401.2]      | 7507651 |
|                                                           |                 | RCF2421MTAM | 24000 [7.0]               | 17300 [5.1]             | 6700 [2.0]            | 14   | 11.5 | 875 [413.0]      | 7507692 |
| RA1324AJ1                                                 | R801TA075317ZXA | RCF2417HTAM | 24000 [7.0]               | 17300 [5.1]             | 6700 [2.0]            | 14   | 11.5 | 875 [413.0]      | 8050233 |
|                                                           |                 | RCF2417MTAM | 24000 [7.0]               | 17300 [5.1]             | 6700 [2.0]            | 14   | 11.5 | 875 [413.0]      | 8050240 |
|                                                           |                 | RCF2417STAM | 24000 [7.0]               | 18200 [5.3]             | 5800 [1.7]            | 14   | 11.5 | 850 [401.2]      | 8050247 |
|                                                           |                 | RCF2421MTAM | 24000 [7.0]               | 17300 [5.1]             | 6700 [2.0]            | 14   | 11.5 | 875 [413.0]      | 8050263 |
| RA1324AJ1                                                 | R801TA075317ZSA | RCF2421HTAM | 24000 [7.0]               | 17300 [5.1]             | 6700 [2.0]            | 14   | 11.5 | 875 [413.0]      | 7507667 |
| RA1324AJ1                                                 | R801TA075317ZXA | RCF2421HTAM | 24000 [7.0]               | 17300 [5.1]             | 6700 [2.0]            | 14   | 11.5 | 875 [413.0]      | 8050254 |
| RA1330AJ1                                                 | R801TA050314MSA | RCF3617STAM | 28800 [8.4]               | 22000 [6.4]             | 6800 [2.0]            | 14   | 11.5 | 1000 [471.9]     | 7507847 |
| RA1330AJ1                                                 | R801TA050314MXA | RCF3617STAM | 28800 [8.4]               | 22000 [6.4]             | 6800 [2.0]            | 14   | 11.5 | 1000 [471.9]     | 8050313 |
| RA1330AJ1                                                 | R801TA075317ZSA | RCF3617STAM | 28400 [8.3]               | 21200 [6.2]             | 7200 [2.1]            | 14   | 11.5 | 875 [413.0]      | 7507848 |
|                                                           |                 | RCF3621MTAM | 30000 [8.8]               | 22400 [6.6]             | 7600 [2.2]            | 14.5 | 12   | 1075 [507.3]     | 7507865 |
|                                                           |                 | RCF3621STAM | 28400 [8.3]               | 21200 [6.2]             | 7200 [2.1]            | 14   | 11.5 | 875 [413.0]      | 7507896 |
|                                                           |                 | RCF3617STAM | 28400 [8.3]               | 21200 [6.2]             | 7200 [2.1]            | 14   | 11.5 | 875 [413.0]      | 8050314 |
| RA1330AJ1                                                 | R801TA075317ZXA | RCF3621MTAM | 30000 [8.8]               | 22400 [6.6]             | 7600 [2.2]            | 14.5 | 12   | 1075 [507.3]     | 8050320 |
|                                                           |                 | RCF3621STAM | 28400 [8.3]               | 21200 [6.2]             | 7200 [2.1]            | 14   | 11.5 | 875 [413.0]      | 8050334 |
|                                                           |                 | RCF3617STAM | 29000 [8.5]               | 22200 [6.5]             | 6800 [2.0]            | 14   | 11.5 | 1000 [471.9]     | 7507849 |
|                                                           |                 | RCF3621MTAM | 30000 [8.8]               | 22300 [6.5]             | 7700 [2.3]            | 14.5 | 12   | 1050 [495.5]     | 7507866 |
| RA1330AJ1                                                 | R801TA075417MSA | RCF3621STAM | 29200 [8.6]               | 22500 [6.6]             | 6700 [2.0]            | 14   | 11.5 | 1025 [483.7]     | 7507897 |

[ ] Designates Metric Conversions

## Performance Data @ AHRI Standard Conditions – Cooling (con't.)

| R801T: Achiever Plus Single-Stage X-13 80% Furnace Ratings |                 |             |                           |                         |                       |      |      |                  |         |
|------------------------------------------------------------|-----------------|-------------|---------------------------|-------------------------|-----------------------|------|------|------------------|---------|
| Outdoor Unit                                               | Furnace         | Indoor Coil | Total Capacity BTU/H [kW] | Net Sensible BTU/H [kW] | Net Latent BTU/H [kW] | SEER | EER  | Indoor CFM [L/s] | AHRI#   |
| RA1330AJ1                                                  | R801TA075417MXA | RCF3617STAM | 29000 [8.5]               | 22200 [6.5]             | 6800 [2.0]            | 14   | 11.5 | 1000 [471.9]     | 8050315 |
|                                                            |                 | RCF3621MTAM | 30000 [8.8]               | 22300 [6.5]             | 7700 [2.3]            | 14.5 | 12   | 1050 [495.5]     | 8050321 |
|                                                            |                 | RCF3621STAM | 29200 [8.6]               | 22500 [6.6]             | 6700 [2.0]            | 14   | 11.5 | 1025 [483.7]     | 8050335 |
| RA1330AJ1                                                  | R801TA075421MSA | RCF3621HTAM | 30000 [8.8]               | 22800 [6.7]             | 7100 [2.1]            | 15.1 | 12.5 | 1050 [495.5]     | 8086516 |
|                                                            |                 | RCF3621MTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 14.5 | 12   | 1025 [483.7]     | 8049010 |
|                                                            |                 | RCF3621STAM | 29200 [8.6]               | 22500 [6.6]             | 6700 [2.0]            | 14   | 11.5 | 1025 [483.7]     | 8049014 |
| RA1330AJ1                                                  | R801TA075421MXA | RCF3624MTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 14.5 | 12   | 1025 [483.7]     | 8049018 |
|                                                            |                 | RCF3621HTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 15.1 | 12.5 | 1050 [495.5]     | 8086517 |
|                                                            |                 | RCF3621MTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 14.5 | 12   | 1025 [483.7]     | 8050322 |
| RA1330AJ1                                                  | R801TA075521ZSA | RCF3621STAM | 29200 [8.6]               | 22500 [6.6]             | 6700 [2.0]            | 14   | 11.5 | 1025 [483.7]     | 8050336 |
|                                                            |                 | RCF3624MTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 14.5 | 12   | 1025 [483.7]     | 8050357 |
|                                                            |                 | RCF3621MTAM | 30000 [8.8]               | 22100 [6.5]             | 7900 [2.3]            | 15   | 12.5 | 1000 [471.9]     | 7507867 |
| RA1330AJ1                                                  | R801TA075521ZXA | RCF3621STAM | 29000 [8.5]               | 22100 [6.5]             | 6900 [2.0]            | 14   | 11.5 | 975 [460.1]      | 7507898 |
|                                                            |                 | RCF3624HTAM | 30000 [8.8]               | 21800 [6.4]             | 8200 [2.4]            | 15.5 | 13   | 1025 [483.7]     | 7507927 |
|                                                            |                 | RCF3624MTAM | 30000 [8.8]               | 22100 [6.5]             | 7900 [2.3]            | 15   | 12.5 | 1000 [471.9]     | 7507951 |
| RA1330AJ1                                                  | R801TA075521ZXA | RCF3621MTAM | 30000 [8.8]               | 22100 [6.5]             | 7900 [2.3]            | 15   | 12.5 | 1000 [471.9]     | 8050323 |
|                                                            |                 | RCF3621STAM | 29000 [8.5]               | 22100 [6.5]             | 6900 [2.0]            | 14   | 11.5 | 975 [460.1]      | 8050337 |
|                                                            |                 | RCF3624HTAM | 30000 [8.8]               | 21800 [6.4]             | 8200 [2.4]            | 15.5 | 13   | 1025 [483.7]     | 8050348 |
| RA1330AJ1                                                  | R801TA100521MSA | RCF3624MTAM | 30000 [8.8]               | 22100 [6.5]             | 7900 [2.3]            | 15   | 12.5 | 1000 [471.9]     | 8050358 |
|                                                            |                 | RCF3621HTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 15.5 | 13   | 1075 [507.3]     | 8086518 |
|                                                            |                 | RCF3621MTAM | 30000 [8.8]               | 22300 [6.5]             | 7700 [2.3]            | 15.1 | 12.5 | 1050 [495.5]     | 7507868 |
| RA1330AJ1                                                  | R801TA100521MSA | RCF3621STAM | 29000 [8.5]               | 22200 [6.5]             | 6800 [2.0]            | 14   | 11.5 | 1000 [471.9]     | 7507899 |
|                                                            |                 | RCF3624HTAM | 30000 [8.8]               | 22200 [6.5]             | 7800 [2.3]            | 15.5 | 13   | 1100 [519.1]     | 7507928 |
|                                                            |                 | RCF3624MTAM | 30000 [8.8]               | 22300 [6.5]             | 7700 [2.3]            | 15.1 | 12.5 | 1050 [495.5]     | 7507952 |
| RA1330AJ1                                                  | R801TA100521MXA | RCF3621MTAM | 30000 [8.8]               | 22300 [6.5]             | 7700 [2.3]            | 15.1 | 12.5 | 1050 [495.5]     | 8050324 |
|                                                            |                 | RCF3621STAM | 29000 [8.5]               | 22200 [6.5]             | 6800 [2.0]            | 14   | 11.5 | 1000 [471.9]     | 8050338 |
|                                                            |                 | RCF3624HTAM | 30000 [8.8]               | 22200 [6.5]             | 7800 [2.3]            | 15.5 | 13   | 1100 [519.1]     | 8050349 |
| RA1330AJ1                                                  | R801TA100521ZSA | RCF3624MTAM | 30000 [8.8]               | 22300 [6.5]             | 7700 [2.3]            | 15.1 | 12.5 | 1050 [495.5]     | 8050359 |
|                                                            |                 | RCF3621MTAM | 30000 [8.8]               | 22000 [6.4]             | 8000 [2.3]            | 15.1 | 12.5 | 975 [460.1]      | 7507869 |
|                                                            |                 | RCF3621STAM | 29000 [8.5]               | 22100 [6.5]             | 6900 [2.0]            | 14   | 11.5 | 975 [460.1]      | 7507900 |
| RA1330AJ1                                                  | R801TA100521ZXA | RCF3624HTAM | 30000 [8.8]               | 21800 [6.4]             | 8200 [2.4]            | 15.5 | 13   | 1025 [483.7]     | 7507929 |
|                                                            |                 | RCF3624MTAM | 30000 [8.8]               | 22000 [6.4]             | 8000 [2.3]            | 15.1 | 12.5 | 975 [460.1]      | 7507953 |
|                                                            |                 | RCF3621MTAM | 30000 [8.8]               | 22000 [6.4]             | 8000 [2.3]            | 15.1 | 12.5 | 975 [460.1]      | 8050325 |
| RA1330AJ1                                                  | R801TA100521ZXA | RCF3621STAM | 29000 [8.5]               | 22100 [6.5]             | 6900 [2.0]            | 14   | 11.5 | 975 [460.1]      | 8050339 |
|                                                            |                 | RCF3624HTAM | 30000 [8.8]               | 21800 [6.4]             | 8200 [2.4]            | 15.5 | 13   | 1025 [483.7]     | 8050350 |
|                                                            |                 | RCF3624MTAM | 30000 [8.8]               | 22000 [6.4]             | 8000 [2.3]            | 15.1 | 12.5 | 975 [460.1]      | 8050360 |
| RA1330AJ1                                                  | R801TA125524ZSA | RCF3624HTAM | 30000 [8.8]               | 21700 [6.4]             | 8300 [2.4]            | 15.5 | 13   | 975 [460.1]      | 7507930 |
|                                                            |                 | RCF3624MTAM | 30000 [8.8]               | 21800 [6.4]             | 8200 [2.4]            | 15   | 12.5 | 925 [436.6]      | 7507954 |
|                                                            |                 | RCF3624HTAM | 30000 [8.8]               | 21700 [6.4]             | 8300 [2.4]            | 15.5 | 13   | 975 [460.1]      | 8050351 |
| RA1336AC1                                                  | R801TA050314MSA | RCF3624MTAM | 30000 [8.8]               | 21800 [6.4]             | 8200 [2.4]            | 15   | 12.5 | 925 [436.6]      | 8050361 |
|                                                            |                 | RCF3617STAM | 35000 [10.3]              | 24700 [7.2]             | 10300 [3.0]           | 13.5 | 11.5 | 1000 [471.9]     | 7508192 |
|                                                            |                 | RCF3617STAM | 35000 [10.3]              | 24700 [7.2]             | 10300 [3.0]           | 13.5 | 11.5 | 1000 [471.9]     | 8050439 |
| RA1336AC1                                                  | R801TA050314MXA | RCF3617STAM | 35000 [10.3]              | 25000 [7.3]             | 10000 [2.9]           | 13.5 | 11.5 | 1050 [495.5]     | 7508193 |
|                                                            |                 | RCF3621MTAM | 36000 [10.6]              | 25300 [7.4]             | 10700 [3.1]           | 14   | 11.5 | 1250 [589.9]     | 7508210 |
|                                                            |                 | RCF3621STAM | 35000 [10.3]              | 25000 [7.3]             | 10000 [2.9]           | 13.5 | 11.5 | 1050 [495.5]     | 7508241 |
| RA1336AC1                                                  | R801TA075317ZSA | RCF3617STAM | 35000 [10.3]              | 25000 [7.3]             | 10000 [2.9]           | 13.5 | 11.5 | 1050 [495.5]     | 8050440 |
|                                                            |                 | RCF3621MTAM | 36000 [10.6]              | 25300 [7.4]             | 10700 [3.1]           | 14   | 11.5 | 1250 [589.9]     | 8050447 |
|                                                            |                 | RCF3621STAM | 35000 [10.3]              | 25000 [7.3]             | 10000 [2.9]           | 13.5 | 11.5 | 1050 [495.5]     | 8050463 |

[ ] Designates Metric Conversions

## Performance Data @ AHRI Standard Conditions – Cooling (con't.)

| R801T Achiever Plus Single-Stage X-13 80% Furnace Ratings |                 |             |                           |                         |                       |      |      |                  |         |
|-----------------------------------------------------------|-----------------|-------------|---------------------------|-------------------------|-----------------------|------|------|------------------|---------|
| Outdoor Unit                                              | Furnace         | Indoor Coil | Total Capacity BTU/H [kW] | Net Sensible BTU/H [kW] | Net Latent BTU/H [kW] | SEER | EER  | Indoor CFM [L/s] | AHRI#   |
| RA1336AC1                                                 | R801TA075417MSA | RCF3617STAM | 36000 [10.6]              | 26800 [7.9]             | 9200 [2.7]            | 13.5 | 11.5 | 1225 [578.1]     | 7508194 |
|                                                           |                 | RCF3621HTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 15   | 12.5 | 1050 [495.5]     | 8086543 |
|                                                           |                 | RCF3621MTAM | 36000 [10.6]              | 25100 [7.4]             | 10900 [3.2]           | 14.5 | 12   | 1200 [566.3]     | 7508211 |
|                                                           |                 | RCF3621STAM | 36000 [10.6]              | 26900 [7.9]             | 9100 [2.7]            | 13.5 | 11.5 | 1250 [589.9]     | 7508242 |
| RA1336AC1                                                 | R801TA075417MXA | RCF3617STAM | 36000 [10.6]              | 26800 [7.9]             | 9200 [2.7]            | 13.5 | 11.5 | 1225 [578.1]     | 8050441 |
|                                                           |                 | RCF3621MTAM | 36000 [10.6]              | 25100 [7.4]             | 10900 [3.2]           | 14.5 | 12   | 1200 [566.3]     | 8050448 |
|                                                           |                 | RCF3621STAM | 36000 [10.6]              | 26900 [7.9]             | 9100 [2.7]            | 13.5 | 11.5 | 1250 [589.9]     | 8050464 |
|                                                           |                 | RCF3621HTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 15   | 12.5 | 1050 [495.5]     | 8086544 |
| RA1336AC1                                                 | R801TA075421MSA | RCF3621MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1225 [578.1]     | 8049042 |
|                                                           |                 | RCF3621STAM | 35000 [10.3]              | 24700 [7.2]             | 10300 [3.0]           | 14   | 11.5 | 1000 [471.9]     | 8049046 |
|                                                           |                 | RCF3624HTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 15.1 | 12.5 | 1225 [578.1]     | 8049050 |
|                                                           |                 | RCF3624MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1225 [578.1]     | 8049052 |
| RA1336AC1                                                 | R801TA075421MXA | RCF3621HTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 15   | 12.5 | 1050 [495.5]     | 8086545 |
|                                                           |                 | RCF3621MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1225 [578.1]     | 8050449 |
|                                                           |                 | RCF3621STAM | 35000 [10.3]              | 24700 [7.2]             | 10300 [3.0]           | 14   | 11.5 | 1000 [471.9]     | 8050465 |
|                                                           |                 | RCF3624HTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 15.1 | 12.5 | 1225 [578.1]     | 8050479 |
| RA1336AC1                                                 | R801TA075521ZSA | RCF3624MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1225 [578.1]     | 8050492 |
|                                                           |                 | RCF3621MTAM | 36000 [10.6]              | 24100 [7.1]             | 11900 [3.5]           | 14.5 | 12   | 1000 [471.9]     | 7508212 |
|                                                           |                 | RCF3621STAM | 35800 [10.5]              | 26300 [7.7]             | 9500 [2.8]            | 13.5 | 11.5 | 1175 [554.5]     | 7508243 |
|                                                           |                 | RCF3624HTAM | 36000 [10.6]              | 24200 [7.1]             | 11800 [3.5]           | 15.1 | 12.5 | 1025 [483.7]     | 7508272 |
| RA1336AC1                                                 | R801TA075521ZXA | RCF3624MTAM | 36000 [10.6]              | 24100 [7.1]             | 11900 [3.5]           | 14.5 | 12   | 1000 [471.9]     | 7508299 |
|                                                           |                 | RCF3621MTAM | 36000 [10.6]              | 24100 [7.1]             | 11900 [3.5]           | 14.5 | 12   | 1000 [471.9]     | 8050450 |
|                                                           |                 | RCF3621STAM | 35800 [10.5]              | 26300 [7.7]             | 9500 [2.8]            | 13.5 | 11.5 | 1175 [554.5]     | 8050466 |
|                                                           |                 | RCF3624HTAM | 36000 [10.6]              | 24200 [7.1]             | 11800 [3.5]           | 15.1 | 12.5 | 1025 [483.7]     | 8050480 |
| RA1336AC1                                                 | R801TA100521MSA | RCF3624MTAM | 36000 [10.6]              | 24100 [7.1]             | 11900 [3.5]           | 14.5 | 12   | 1000 [471.9]     | 8050493 |
|                                                           |                 | RCF3621HTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 15.1 | 12.5 | 1075 [507.3]     | 8086546 |
|                                                           |                 | RCF3621MTAM | 36000 [10.6]              | 24300 [7.1]             | 11700 [3.4]           | 14.5 | 12   | 1050 [495.5]     | 7508213 |
|                                                           |                 | RCF3621STAM | 35200 [10.3]              | 24900 [7.3]             | 10300 [3.0]           | 14   | 11.5 | 1000 [471.9]     | 7508244 |
| RA1336AC1                                                 | R801TA100521ZSA | RCF3624HTAM | 36000 [10.6]              | 24500 [7.2]             | 11500 [3.4]           | 15.1 | 12.5 | 1100 [519.1]     | 7508273 |
|                                                           |                 | RCF3624MTAM | 36000 [10.6]              | 24300 [7.1]             | 11700 [3.4]           | 14.5 | 12   | 1050 [495.5]     | 7508300 |
|                                                           |                 | RCF3621MTAM | 36000 [10.6]              | 24300 [7.1]             | 11700 [3.4]           | 14.5 | 12   | 1050 [495.5]     | 8050451 |
|                                                           |                 | RCF3621STAM | 35200 [10.3]              | 24900 [7.3]             | 10300 [3.0]           | 14   | 11.5 | 1000 [471.9]     | 8050467 |
| RA1336AC1                                                 | R801TA100521MXA | RCF3624HTAM | 36000 [10.6]              | 24500 [7.2]             | 11500 [3.4]           | 15.1 | 12.5 | 1100 [519.1]     | 8050481 |
|                                                           |                 | RCF3624MTAM | 36000 [10.6]              | 24300 [7.1]             | 11700 [3.4]           | 14.5 | 12   | 1050 [495.5]     | 8050494 |
|                                                           |                 | RCF3621MTAM | 36000 [10.6]              | 25200 [7.4]             | 10800 [3.2]           | 14.5 | 12   | 1225 [578.1]     | 7508214 |
|                                                           |                 | RCF3621STAM | 35800 [10.5]              | 26300 [7.7]             | 9500 [2.8]            | 13.5 | 11.5 | 1175 [554.5]     | 7508245 |
| RA1336AC1                                                 | R801TA100521ZSA | RCF3624HTAM | 36000 [10.6]              | 24200 [7.1]             | 11800 [3.5]           | 15.1 | 12.5 | 1025 [483.7]     | 7508274 |
|                                                           |                 | RCF3624MTAM | 36000 [10.6]              | 25200 [7.4]             | 10800 [3.2]           | 14.5 | 12   | 1225 [578.1]     | 7508301 |
|                                                           |                 | RCF3621MTAM | 36000 [10.6]              | 25200 [7.4]             | 10800 [3.2]           | 14.5 | 12   | 1225 [578.1]     | 8050452 |
|                                                           |                 | RCF3621STAM | 35800 [10.5]              | 26300 [7.7]             | 9500 [2.8]            | 13.5 | 11.5 | 1175 [554.5]     | 8050468 |
| RA1336AC1                                                 | R801TA100521ZXA | RCF3624HTAM | 36000 [10.6]              | 24200 [7.1]             | 11800 [3.5]           | 15.1 | 12.5 | 1025 [483.7]     | 8050482 |
|                                                           |                 | RCF3624MTAM | 36000 [10.6]              | 25200 [7.4]             | 10800 [3.2]           | 14.5 | 12   | 1225 [578.1]     | 8050495 |
|                                                           |                 | RCF3621MTAM | 36000 [10.6]              | 25000 [7.3]             | 11000 [3.3]           | 14.5 | 12   | 1175 [554.5]     | 7508275 |
|                                                           |                 | RCF3624HTAM | 36000 [10.6]              | 24900 [7.3]             | 11100 [3.3]           | 14.5 | 12   | 1175 [554.5]     | 7508302 |
| RA1336AC1                                                 | R801TA125524MSA | RCF3624HTAM | 36000 [10.6]              | 25000 [7.3]             | 11000 [3.3]           | 15.1 | 12.5 | 1200 [566.3]     | 8050483 |
|                                                           |                 | RCF3624MTAM | 36000 [10.6]              | 24900 [7.3]             | 11100 [3.3]           | 14.5 | 12   | 1175 [554.5]     | 8050496 |
|                                                           |                 | RCF3624HTAM | 36000 [10.6]              | 24800 [7.3]             | 11200 [3.3]           | 15.1 | 12.5 | 1150 [542.7]     | 7508276 |
|                                                           |                 | RCF3624MTAM | 36000 [10.6]              | 24600 [7.2]             | 11400 [3.3]           | 14.5 | 12   | 1100 [519.1]     | 7508303 |

[ ] Designates Metric Conversions

## Performance Data @ AHRI Standard Conditions – Cooling (con't.)

| R801T, Achiever Plus Single-Stage X-13 80% Furnace Ratings |                 |             |                           |                         |                       |      |      |                  |         |
|------------------------------------------------------------|-----------------|-------------|---------------------------|-------------------------|-----------------------|------|------|------------------|---------|
| Outdoor Unit                                               | Furnace         | Indoor Coil | Total Capacity BTU/H [kW] | Net Sensible BTU/H [kW] | Net Latent BTU/H [kW] | SEER | EER  | Indoor CFM [L/s] | AHRI#   |
| RA1336AC1                                                  | R801TA125524ZXA | RCF3624HTAM | 36000 [10.6]              | 24800 [7.3]             | 11200 [3.3]           | 15.1 | 12.5 | 1150 [542.7]     | 8050484 |
|                                                            |                 | RCF3624MTAM | 36000 [10.6]              | 24600 [7.2]             | 11400 [3.3]           | 14.5 | 12   | 1100 [519.1]     | 8050497 |
| RA1336AJ1                                                  | R801TA050314MSA | RCF3617STAM | 35000 [10.3]              | 24700 [7.2]             | 10300 [3.0]           | 13.5 | 11.5 | 1000 [471.9]     | 7508558 |
| RA1336AJ1                                                  | R801TA050314MXA | RCF3617STAM | 35000 [10.3]              | 24700 [7.2]             | 10300 [3.0]           | 13.5 | 11.5 | 1000 [471.9]     | 8050584 |
| RA1336AJ1                                                  | R801TA075317ZSA | RCF3617STAM | 35000 [10.3]              | 25000 [7.3]             | 10000 [2.9]           | 13.5 | 11.5 | 1050 [495.5]     | 7508559 |
|                                                            |                 | RCF3621MTAM | 36000 [10.6]              | 25300 [7.4]             | 10700 [3.1]           | 14   | 11.5 | 1250 [589.9]     | 7508576 |
|                                                            |                 | RCF3621STAM | 35000 [10.3]              | 25000 [7.3]             | 10000 [2.9]           | 13.5 | 11.5 | 1050 [495.5]     | 7508607 |
| RA1336AJ1                                                  | R801TA075317ZXA | RCF3617STAM | 35000 [10.3]              | 25000 [7.3]             | 10000 [2.9]           | 13.5 | 11.5 | 1050 [495.5]     | 8050585 |
|                                                            |                 | RCF3621MTAM | 36000 [10.6]              | 25300 [7.4]             | 10700 [3.1]           | 14   | 11.5 | 1250 [589.9]     | 8050592 |
|                                                            |                 | RCF3621STAM | 35000 [10.3]              | 25000 [7.3]             | 10000 [2.9]           | 13.5 | 11.5 | 1050 [495.5]     | 8050608 |
| RA1336AJ1                                                  | R801TA075417MSA | RCF3617STAM | 36000 [10.6]              | 26800 [7.9]             | 9200 [2.7]            | 13.5 | 11.5 | 1225 [578.1]     | 7508560 |
|                                                            |                 | RCF3621HTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 15   | 12.5 | 1050 [495.5]     | 8086571 |
|                                                            |                 | RCF3621MTAM | 36000 [10.6]              | 25100 [7.4]             | 10900 [3.2]           | 14.5 | 12   | 1200 [566.3]     | 7508577 |
|                                                            |                 | RCF3621STAM | 36000 [10.6]              | 26900 [7.9]             | 9100 [2.7]            | 13.5 | 11.5 | 1250 [589.9]     | 7508608 |
| RA1336AJ1                                                  | R801TA075417MXA | RCF3617STAM | 36000 [10.6]              | 26800 [7.9]             | 9200 [2.7]            | 13.5 | 11.5 | 1225 [578.1]     | 8050586 |
|                                                            |                 | RCF3621MTAM | 36000 [10.6]              | 25100 [7.4]             | 10900 [3.2]           | 14.5 | 12   | 1200 [566.3]     | 8050593 |
|                                                            |                 | RCF3621STAM | 36000 [10.6]              | 26900 [7.9]             | 9100 [2.7]            | 13.5 | 11.5 | 1250 [589.9]     | 8050609 |
|                                                            |                 | RCF3621HTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 15   | 12.5 | 1050 [495.5]     | 8086572 |
| RA1336AJ1                                                  | R801TA075421MSA | RCF3621MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1225 [578.1]     | 8049076 |
|                                                            |                 | RCF3621STAM | 35000 [10.3]              | 24700 [7.2]             | 10300 [3.0]           | 14   | 11.5 | 1000 [471.9]     | 8049080 |
|                                                            |                 | RCF3624HTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 15.1 | 12.5 | 1225 [578.1]     | 8049084 |
|                                                            |                 | RCF3624MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1225 [578.1]     | 8049086 |
|                                                            |                 | RCF3621HTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 15   | 12.5 | 1050 [495.5]     | 8086573 |
|                                                            |                 | RCF3621MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1225 [578.1]     | 8050594 |
| RA1336AJ1                                                  | R801TA075421MXA | RCF3621STAM | 35000 [10.3]              | 24700 [7.2]             | 10300 [3.0]           | 14   | 11.5 | 1000 [471.9]     | 8050610 |
|                                                            |                 | RCF3624HTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 15.1 | 12.5 | 1225 [578.1]     | 8050625 |
|                                                            |                 | RCF3624MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1225 [578.1]     | 8050654 |
|                                                            |                 | RCF3621MTAM | 36000 [10.6]              | 24100 [7.1]             | 11900 [3.5]           | 14.5 | 12   | 1000 [471.9]     | 7508578 |
|                                                            |                 | RCF3621STAM | 35800 [10.5]              | 26300 [7.7]             | 9500 [2.8]            | 13.5 | 11.5 | 1175 [554.5]     | 7508609 |
|                                                            |                 | RCF3624HTAM | 36000 [10.6]              | 24200 [7.1]             | 11800 [3.5]           | 15.1 | 12.5 | 1025 [483.7]     | 7508638 |
| RA1336AJ1                                                  | R801TA075521ZSA | RCF3624MTAM | 36000 [10.6]              | 24100 [7.1]             | 11900 [3.5]           | 14.5 | 12   | 1000 [471.9]     | 7508665 |
|                                                            |                 | RCF3621MTAM | 36000 [10.6]              | 24100 [7.1]             | 11900 [3.5]           | 14.5 | 12   | 1000 [471.9]     | 8050595 |
|                                                            |                 | RCF3621STAM | 35800 [10.5]              | 26300 [7.7]             | 9500 [2.8]            | 13.5 | 11.5 | 1175 [554.5]     | 8050611 |
|                                                            |                 | RCF3624HTAM | 36000 [10.6]              | 24200 [7.1]             | 11800 [3.5]           | 15.1 | 12.5 | 1025 [483.7]     | 8050626 |
| RA1336AJ1                                                  | R801TA075521ZXA | RCF3624MTAM | 36000 [10.6]              | 24100 [7.1]             | 11900 [3.5]           | 14.5 | 12   | 1000 [471.9]     | 8050656 |
|                                                            |                 | RCF3621MTAM | 36000 [10.6]              | 24100 [7.1]             | 11900 [3.5]           | 14.5 | 12   | 1000 [471.9]     | 8050595 |
|                                                            |                 | RCF3621STAM | 35800 [10.5]              | 26300 [7.7]             | 9500 [2.8]            | 13.5 | 11.5 | 1175 [554.5]     | 8050611 |
|                                                            |                 | RCF3624HTAM | 36000 [10.6]              | 24200 [7.1]             | 11800 [3.5]           | 15.1 | 12.5 | 1025 [483.7]     | 8050626 |
| RA1336AJ1                                                  | R801TA100521MSA | RCF3621STAM | 35200 [10.3]              | 24900 [7.3]             | 10300 [3.0]           | 14   | 11.5 | 1000 [471.9]     | 7508610 |
|                                                            |                 | RCF3624HTAM | 36000 [10.6]              | 24500 [7.2]             | 11500 [3.4]           | 15.1 | 12.5 | 1100 [519.1]     | 7508639 |
|                                                            |                 | RCF3624MTAM | 36000 [10.6]              | 24300 [7.1]             | 11700 [3.4]           | 14.5 | 12   | 1050 [495.5]     | 7508666 |
|                                                            |                 | RCF3621MTAM | 36000 [10.6]              | 24300 [7.1]             | 11700 [3.4]           | 14.5 | 12   | 1050 [495.5]     | 8050596 |
| RA1336AJ1                                                  | R801TA100521MXA | RCF3621STAM | 35200 [10.3]              | 24900 [7.3]             | 10300 [3.0]           | 14   | 11.5 | 1000 [471.9]     | 8050612 |
|                                                            |                 | RCF3624HTAM | 36000 [10.6]              | 24500 [7.2]             | 11500 [3.4]           | 15.1 | 12.5 | 1100 [519.1]     | 8050627 |
|                                                            |                 | RCF3624MTAM | 36000 [10.6]              | 24300 [7.1]             | 11700 [3.4]           | 14.5 | 12   | 1050 [495.5]     | 8050659 |
|                                                            |                 | RCF3621MTAM | 36000 [10.6]              | 25200 [7.4]             | 10800 [3.2]           | 14.5 | 12   | 1225 [578.1]     | 7508580 |
| RA1336AJ1                                                  | R801TA100521ZSA | RCF3621STAM | 35800 [10.5]              | 26300 [7.7]             | 9500 [2.8]            | 13.5 | 11.5 | 1175 [554.5]     | 7508611 |
|                                                            |                 | RCF3624HTAM | 36000 [10.6]              | 24200 [7.1]             | 11800 [3.5]           | 15.1 | 12.5 | 1025 [483.7]     | 7508640 |
|                                                            |                 | RCF3624MTAM | 36000 [10.6]              | 25200 [7.4]             | 10800 [3.2]           | 14.5 | 12   | 1225 [578.1]     | 7508667 |

[ ] Designates Metric Conversions

## Performance Data @ AHRI Standard Conditions – Cooling (con't.)

| R801T, Achiever Plus Single-Stage X-13 80% Furnace Ratings |                 |             |                              |                            |                          |      |      |                     |         |
|------------------------------------------------------------|-----------------|-------------|------------------------------|----------------------------|--------------------------|------|------|---------------------|---------|
| Outdoor Unit                                               | Furnace         | Indoor Coil | Total Capacity<br>BTU/H [kW] | Net Sensible<br>BTU/H [kW] | Net Latent<br>BTU/H [kW] | SEER | EER  | Indoor CFM<br>[L/s] | AHRI#   |
| RA1336AJ1                                                  | R801TA100521ZX  | RCF3621MTAM | 36000 [10.6]                 | 25200 [7.4]                | 10800 [3.2]              | 14.5 | 12   | 1225 [578.1]        | 8050597 |
|                                                            |                 | RCF3621STAM | 35800 [10.5]                 | 26300 [7.7]                | 9500 [2.8]               | 13.5 | 11.5 | 1175 [554.5]        | 8050614 |
|                                                            |                 | RCF3624HTAM | 36000 [10.6]                 | 24200 [7.1]                | 11800 [3.5]              | 15.1 | 12.5 | 1025 [483.7]        | 8050628 |
|                                                            |                 | RCF3624MTAM | 36000 [10.6]                 | 25200 [7.4]                | 10800 [3.2]              | 14.5 | 12   | 1225 [578.1]        | 8050661 |
| RA1336AJ1                                                  | R801TA125524MSA | RCF3624HTAM | 36000 [10.6]                 | 25000 [7.3]                | 11000 [3.2]              | 15.1 | 12.5 | 1200 [566.3]        | 7508641 |
|                                                            |                 | RCF3624MTAM | 36000 [10.6]                 | 24900 [7.3]                | 11100 [3.3]              | 14.5 | 12   | 1175 [554.5]        | 7508668 |
| RA1336AJ1                                                  | R801TA125524MXA | RCF3624HTAM | 36000 [10.6]                 | 25000 [7.3]                | 11000 [3.2]              | 15.1 | 12.5 | 1200 [566.3]        | 8050629 |
|                                                            |                 | RCF3624MTAM | 36000 [10.6]                 | 24900 [7.3]                | 11100 [3.3]              | 14.5 | 12   | 1175 [554.5]        | 8050663 |
| RA1336AJ1                                                  | R801TA125524ZSA | RCF3624HTAM | 36000 [10.6]                 | 24800 [7.3]                | 11200 [3.3]              | 15.1 | 12.5 | 1150 [542.7]        | 7508642 |
|                                                            |                 | RCF3624MTAM | 36000 [10.6]                 | 24600 [7.2]                | 11400 [3.3]              | 14.5 | 12   | 1100 [519.1]        | 7508669 |
| RA1336AJ1                                                  | R801TA125524ZX  | RCF3624HTAM | 36000 [10.6]                 | 24800 [7.3]                | 11200 [3.3]              | 15.1 | 12.5 | 1150 [542.7]        | 8050631 |
|                                                            |                 | RCF3624MTAM | 36000 [10.6]                 | 24600 [7.2]                | 11400 [3.3]              | 14.5 | 12   | 1100 [519.1]        | 8050666 |
| RA1342AC1                                                  | R801TA075317ZSA | RCF4821MTAM | 40500 [11.9]                 | 27900 [8.2]                | 12600 [3.7]              | 13.5 | 11.5 | 1250 [589.9]        | 8086599 |
|                                                            |                 | RCF4821STAM | 40000 [11.7]                 | 29000 [8.5]                | 11000 [3.2]              | 13.5 | 11.5 | 1250 [589.9]        | 7511559 |
| RA1342AC1                                                  | R801TA075317ZX  | RCF4821STAM | 40000 [11.7]                 | 29000 [8.5]                | 11000 [3.2]              | 13.5 | 11.5 | 1250 [589.9]        | 8050895 |
|                                                            |                 | RCF4821MTAM | 41000 [12.0]                 | 28700 [8.4]                | 12300 [3.6]              | 14   | 11.5 | 1300 [613.5]        | 8086600 |
| RA1342AC1                                                  | R801TA075417MSA | RCF4821STAM | 40000 [11.7]                 | 29100 [8.5]                | 10900 [3.2]              | 13.5 | 11.5 | 1275 [601.7]        | 7511560 |
|                                                            |                 | RCF4821MTAM | 40000 [11.7]                 | 29100 [8.5]                | 10900 [3.2]              | 13.5 | 11.5 | 1275 [601.7]        | 8050898 |
| RA1342AC1                                                  | R801TA075417MXA | RCF4821MTAM | 41000 [12.0]                 | 28400 [8.3]                | 12600 [3.7]              | 14   | 11.5 | 1250 [589.9]        | 8086601 |
|                                                            |                 | RCF4821STAM | 40500 [11.9]                 | 30300 [8.9]                | 10200 [3.0]              | 13.5 | 11.5 | 1400 [660.7]        | 8049108 |
|                                                            |                 | RCF4824HTAM | 42000 [12.3]                 | 31400 [9.2]                | 10600 [3.1]              | 14   | 11.5 | 1450 [684.3]        | 8049114 |
|                                                            |                 | RCF4824STAM | 40500 [11.9]                 | 30300 [8.9]                | 10200 [3.0]              | 13.5 | 11.5 | 1400 [660.7]        | 8049119 |
| RA1342AC1                                                  | R801TA075421MSA | RCF4821STAM | 40500 [11.9]                 | 30300 [8.9]                | 10200 [3.0]              | 13.5 | 11.5 | 1400 [660.7]        | 8050901 |
|                                                            |                 | RCF4824HTAM | 42000 [12.3]                 | 31400 [9.2]                | 10600 [3.1]              | 14   | 11.5 | 1450 [684.3]        | 8050934 |
|                                                            |                 | RCF4824STAM | 40500 [11.9]                 | 30300 [8.9]                | 10200 [3.0]              | 13.5 | 11.5 | 1400 [660.7]        | 8050967 |
|                                                            |                 | RCF4821MTAM | 41000 [12.0]                 | 28400 [8.3]                | 12600 [3.7]              | 14   | 11.5 | 1250 [589.9]        | 8086602 |
| RA1342AC1                                                  | R801TA075521ZSA | RCF4821STAM | 40000 [11.7]                 | 28800 [8.4]                | 11200 [3.3]              | 13.5 | 11.5 | 1225 [578.1]        | 7511561 |
|                                                            |                 | RCF4824HTAM | 41500 [12.2]                 | 28600 [8.4]                | 12900 [3.8]              | 14   | 11.5 | 1250 [589.9]        | 7511589 |
|                                                            |                 | RCF4824STAM | 40000 [11.7]                 | 28800 [8.4]                | 11200 [3.3]              | 13.5 | 11.5 | 1225 [578.1]        | 7511617 |
|                                                            |                 | RCF4821MTAM | 40000 [11.7]                 | 28800 [8.4]                | 11200 [3.3]              | 13.5 | 11.5 | 1225 [578.1]        | 8050904 |
| RA1342AC1                                                  | R801TA100521MSA | RCF4824HTAM | 41500 [12.2]                 | 28600 [8.4]                | 12900 [3.8]              | 14   | 11.5 | 1250 [589.9]        | 8050936 |
|                                                            |                 | RCF4824STAM | 40000 [11.7]                 | 28800 [8.4]                | 11200 [3.3]              | 13.5 | 11.5 | 1225 [578.1]        | 8050969 |
|                                                            |                 | RCF4821MTAM | 41000 [12.2]                 | 29700 [8.7]                | 11800 [3.5]              | 14   | 11.5 | 1425 [672.5]        | 8086603 |
|                                                            |                 | RCF4821STAM | 40500 [11.9]                 | 29900 [8.8]                | 10600 [3.1]              | 14   | 11.5 | 1325 [625.3]        | 7511562 |
| RA1342AC1                                                  | R801TA100521MXA | RCF4824HTAM | 42000 [12.3]                 | 29600 [8.7]                | 12400 [3.6]              | 14.5 | 12   | 1350 [637.1]        | 7511590 |
|                                                            |                 | RCF4824STAM | 40500 [11.9]                 | 29900 [8.8]                | 10600 [3.1]              | 14   | 11.5 | 1325 [625.3]        | 7511618 |
|                                                            |                 | RCF4821STAM | 40500 [11.9]                 | 29900 [8.8]                | 10600 [3.1]              | 14   | 11.5 | 1325 [625.3]        | 8050906 |
|                                                            |                 | RCF4824HTAM | 42000 [12.3]                 | 29600 [8.7]                | 12400 [3.6]              | 14.5 | 12   | 1350 [637.1]        | 8050938 |
| RA1342AC1                                                  | R801TA100521ZX  | RCF4821MTAM | 41000 [12.0]                 | 28400 [8.3]                | 12600 [3.7]              | 14   | 11.5 | 1250 [589.9]        | 8086604 |
|                                                            |                 | RCF4821STAM | 40500 [11.9]                 | 30300 [8.9]                | 10200 [3.0]              | 13.5 | 11.5 | 1425 [672.5]        | 7511563 |
|                                                            |                 | RCF4824HTAM | 42000 [12.3]                 | 30200 [8.9]                | 11800 [3.5]              | 14   | 11.5 | 1450 [684.3]        | 7511591 |
|                                                            |                 | RCF4824STAM | 40500 [11.9]                 | 30300 [8.9]                | 10200 [3.0]              | 13.5 | 11.5 | 1425 [672.5]        | 8050908 |
| RA1342AC1                                                  | R801TA125524MSA | RCF4824HTAM | 42000 [12.3]                 | 29900 [8.8]                | 12100 [3.5]              | 14.5 | 12   | 1400 [660.7]        | 7511592 |
|                                                            |                 | RCF4824STAM | 40500 [11.9]                 | 30000 [8.8]                | 10500 [3.1]              | 14   | 11.5 | 1350 [637.1]        | 7511620 |

[ ] Designates Metric Conversions

## Performance Data @ AHRI Standard Conditions – Cooling (con't.)

| R801T Achiever Plus Single-Stage X-13 80% Furnace Ratings |                 |             |                              |                            |                          |      |      |                     |         |
|-----------------------------------------------------------|-----------------|-------------|------------------------------|----------------------------|--------------------------|------|------|---------------------|---------|
| Outdoor Unit                                              | Furnace         | Indoor Coil | Total Capacity<br>BTU/H [kW] | Net Sensible<br>BTU/H [kW] | Net Latent<br>BTU/H [kW] | SEER | EER  | Indoor CFM<br>[L/s] | AHRI#   |
| RA1342AC1                                                 | R801TA125524MXA | RCF4824HTAM | 42000 [12.3]                 | 29900 [8.8]                | 12100 [3.5]              | 14.5 | 12   | 1400 [660.7]        | 8050943 |
|                                                           |                 | RCF4824STAM | 40500 [11.9]                 | 30000 [8.8]                | 10500 [3.1]              | 14   | 11.5 | 1350 [637.1]        | 8050977 |
| RA1342AC1                                                 | R801TA125524ZSA | RCF4824HTAM | 41500 [12.2]                 | 28100 [8.2]                | 13400 [3.9]              | 14.5 | 12   | 1150 [542.7]        | 7511593 |
|                                                           |                 | RCF4824STAM | 39500 [11.6]                 | 27700 [8.1]                | 11800 [3.5]              | 14   | 11.5 | 1100 [519.1]        | 7511621 |
| RA1342AC1                                                 | R801TA125524ZXA | RCF4824HTAM | 41500 [12.2]                 | 28100 [8.2]                | 13400 [3.9]              | 14.5 | 12   | 1150 [542.7]        | 8050972 |
|                                                           |                 | RCF4824STAM | 39500 [11.6]                 | 27700 [8.1]                | 11800 [3.5]              | 14   | 11.5 | 1100 [519.1]        | 8050972 |
| RA1342AJ1                                                 | R801TA075317ZSA | RCF4821MTAM | 40500 [11.9]                 | 27900 [8.2]                | 12600 [3.7]              | 13.5 | 11.5 | 1250 [589.9]        | 8086655 |
|                                                           |                 | RCF4821STAM | 40000 [11.7]                 | 29000 [8.5]                | 11000 [3.2]              | 13.5 | 11.5 | 1250 [589.9]        | 7511793 |
| RA1342AJ1                                                 | R801TA075317ZXA | RCF4821STAM | 40000 [11.7]                 | 29000 [8.5]                | 11000 [3.2]              | 13.5 | 11.5 | 1250 [589.9]        | 8051115 |
|                                                           |                 | RCF4821MTAM | 41000 [12.0]                 | 28700 [8.4]                | 12300 [3.6]              | 14   | 11.5 | 1300 [613.5]        | 8086656 |
| RA1342AJ1                                                 | R801TA075417MSA | RCF4821STAM | 40000 [11.7]                 | 29100 [8.5]                | 10900 [3.2]              | 13.5 | 11.5 | 1275 [601.7]        | 7511794 |
|                                                           |                 | RCF4821STAM | 40000 [11.7]                 | 29100 [8.5]                | 10900 [3.2]              | 13.5 | 11.5 | 1275 [601.7]        | 8051117 |
| RA1342AJ1                                                 | R801TA075417MXA | RCF4821STAM | 40000 [11.7]                 | 29100 [8.5]                | 10900 [3.2]              | 13.5 | 11.5 | 1275 [601.7]        | 8051117 |
|                                                           |                 | RCF4821MTAM | 41000 [12.0]                 | 28400 [8.3]                | 12600 [3.7]              | 14   | 11.5 | 1250 [589.9]        | 8086657 |
| RA1342AJ1                                                 | R801TA075421MSA | RCF4821STAM | 40500 [11.9]                 | 30300 [8.9]                | 10200 [3.0]              | 13.5 | 11.5 | 1400 [660.7]        | 8049140 |
|                                                           |                 | RCF4824HTAM | 42000 [12.3]                 | 31400 [9.2]                | 10600 [3.1]              | 14   | 11.5 | 1450 [684.3]        | 8049146 |
|                                                           |                 | RCF4824STAM | 40500 [11.9]                 | 30300 [8.9]                | 10200 [3.0]              | 13.5 | 11.5 | 1400 [660.7]        | 8049151 |
|                                                           |                 | RCF4821STAM | 40500 [11.9]                 | 30300 [8.9]                | 10200 [3.0]              | 13.5 | 11.5 | 1400 [660.7]        | 8051120 |
| RA1342AJ1                                                 | R801TA075421MXA | RCF4824HTAM | 42000 [12.3]                 | 31400 [9.2]                | 10600 [3.1]              | 14   | 11.5 | 1450 [684.3]        | 8051151 |
|                                                           |                 | RCF4824STAM | 40500 [11.9]                 | 30300 [8.9]                | 10200 [3.0]              | 13.5 | 11.5 | 1400 [660.7]        | 8051185 |
|                                                           |                 | RCF4821MTAM | 41000 [12.0]                 | 28400 [8.3]                | 12600 [3.7]              | 14   | 11.5 | 1250 [589.9]        | 8086658 |
|                                                           |                 | RCF4821STAM | 40000 [11.7]                 | 28800 [8.4]                | 11200 [3.3]              | 13.5 | 11.5 | 1225 [578.1]        | 7511795 |
| RA1342AJ1                                                 | R801TA075521ZSA | RCF4824HTAM | 41500 [12.2]                 | 28600 [8.4]                | 12900 [3.8]              | 14   | 11.5 | 1250 [589.9]        | 7511823 |
|                                                           |                 | RCF4824STAM | 40000 [11.7]                 | 28800 [8.4]                | 11200 [3.3]              | 13.5 | 11.5 | 1225 [578.1]        | 7511851 |
|                                                           |                 | RCF4821STAM | 40000 [11.7]                 | 28800 [8.4]                | 11200 [3.3]              | 13.5 | 11.5 | 1225 [578.1]        | 8051122 |
|                                                           |                 | RCF4824HTAM | 41500 [12.2]                 | 28600 [8.4]                | 12900 [3.8]              | 14   | 11.5 | 1250 [589.9]        | 8051154 |
| RA1342AJ1                                                 | R801TA075521ZXA | RCF4824STAM | 40000 [11.7]                 | 28800 [8.4]                | 11200 [3.3]              | 13.5 | 11.5 | 1225 [578.1]        | 8051187 |
|                                                           |                 | RCF4821MTAM | 41500 [12.2]                 | 29700 [8.7]                | 11800 [3.5]              | 14   | 11.5 | 1425 [672.5]        | 8086659 |
|                                                           |                 | RCF4821STAM | 40500 [11.9]                 | 29900 [8.8]                | 10600 [3.1]              | 14   | 11.5 | 1325 [625.3]        | 7511796 |
|                                                           |                 | RCF4824HTAM | 42000 [12.3]                 | 29600 [8.7]                | 12400 [3.6]              | 14.5 | 12   | 1350 [637.1]        | 7511824 |
| RA1342AJ1                                                 | R801TA100521MSA | RCF4824STAM | 40500 [11.9]                 | 29900 [8.8]                | 10600 [3.1]              | 14   | 11.5 | 1325 [625.3]        | 7511852 |
|                                                           |                 | RCF4821STAM | 40500 [11.9]                 | 29900 [8.8]                | 10600 [3.1]              | 14   | 11.5 | 1325 [625.3]        | 8051124 |
|                                                           |                 | RCF4824HTAM | 42000 [12.3]                 | 29600 [8.7]                | 12400 [3.6]              | 14.5 | 12   | 1350 [637.1]        | 8051156 |
|                                                           |                 | RCF4824STAM | 40500 [11.9]                 | 29900 [8.8]                | 10600 [3.1]              | 14   | 11.5 | 1325 [625.3]        | 8051189 |
| RA1342AJ1                                                 | R801TA100521MXA | RCF4821MTAM | 41000 [12.0]                 | 28400 [8.3]                | 12600 [3.7]              | 14   | 11.5 | 1250 [589.9]        | 8086660 |
|                                                           |                 | RCF4821STAM | 40500 [11.9]                 | 29900 [8.8]                | 10600 [3.1]              | 14   | 11.5 | 1325 [625.3]        | 7511797 |
|                                                           |                 | RCF4824HTAM | 42000 [12.3]                 | 28600 [8.7]                | 12400 [3.6]              | 14.5 | 12   | 1350 [637.1]        | 8051156 |
|                                                           |                 | RCF4824STAM | 40500 [11.9]                 | 29900 [8.8]                | 10600 [3.1]              | 14   | 11.5 | 1325 [625.3]        | 8051189 |
| RA1342AJ1                                                 | R801TA100521ZSA | RCF4821STAM | 40500 [11.9]                 | 30300 [8.9]                | 10200 [3.0]              | 13.5 | 11.5 | 1425 [672.5]        | 7511797 |
|                                                           |                 | RCF4824HTAM | 42000 [12.3]                 | 30200 [8.9]                | 11800 [3.5]              | 14   | 11.5 | 1450 [684.3]        | 7511825 |
|                                                           |                 | RCF4824STAM | 40500 [11.9]                 | 30300 [8.9]                | 10200 [3.0]              | 13.5 | 11.5 | 1425 [672.5]        | 7511853 |
|                                                           |                 | RCF4821STAM | 40500 [11.9]                 | 30300 [8.9]                | 10200 [3.0]              | 13.5 | 11.5 | 1425 [672.5]        | 8051127 |
| RA1342AJ1                                                 | R801TA100521ZXA | RCF4824HTAM | 42000 [12.3]                 | 30200 [8.9]                | 11800 [3.5]              | 14   | 11.5 | 1450 [684.3]        | 8051159 |
|                                                           |                 | RCF4824STAM | 40500 [11.9]                 | 30300 [8.9]                | 10200 [3.0]              | 13.5 | 11.5 | 1425 [672.5]        | 8051192 |
|                                                           |                 | RCF4824HTAM | 42000 [12.3]                 | 29900 [8.8]                | 12100 [3.5]              | 14.5 | 12   | 1400 [660.7]        | 7511826 |
|                                                           |                 | RCF4824STAM | 40500 [11.9]                 | 30000 [8.8]                | 10500 [3.1]              | 14   | 11.5 | 1350 [637.1]        | 7511854 |
| RA1342AJ1                                                 | R801TA125524MXA | RCF4824HTAM | 42000 [12.3]                 | 29900 [8.8]                | 12100 [3.5]              | 14.5 | 12   | 1400 [660.7]        | 8051161 |
|                                                           |                 | RCF4824STAM | 40500 [11.9]                 | 30000 [8.8]                | 10500 [3.1]              | 14   | 11.5 | 1350 [637.1]        | 8051194 |
| RA1342AJ1                                                 | R801TA125524ZSA | RCF4824HTAM | 41500 [12.2]                 | 28100 [8.2]                | 13400 [3.9]              | 14.5 | 12   | 1150 [542.7]        | 7511827 |
|                                                           |                 | RCF4824STAM | 39500 [11.6]                 | 27700 [8.1]                | 11800 [3.5]              | 14   | 11.5 | 1100 [519.1]        | 7511855 |
| RA1342AJ1                                                 | R801TA125524ZXA | RCF4824HTAM | 41500 [12.2]                 | 28100 [8.2]                | 13400 [3.9]              | 14.5 | 12   | 1150 [542.7]        | 8051164 |
|                                                           |                 | RCF4824STAM | 39500 [11.6]                 | 27700 [8.1]                | 11800 [3.5]              | 14   | 11.5 | 1100 [519.1]        | 8051197 |

[ ] Designates Metric Conversions

## Performance Data @ AHRI Standard Conditions – Cooling (con't.)

| R801T Achiever Plus Single-Stage X-13 80% Furnace Ratings |                 |             |                           |                         |                       |      |      |                  |         |
|-----------------------------------------------------------|-----------------|-------------|---------------------------|-------------------------|-----------------------|------|------|------------------|---------|
| Outdoor Unit                                              | Furnace         | Indoor Coil | Total Capacity BTU/H [kW] | Net Sensible BTU/H [kW] | Net Latent BTU/H [kW] | SEER | EER  | Indoor CFM [L/s] | AHRI#   |
| RA1348AC1                                                 | R801TA075317ZSA | RCF4821MTAM | 47500 [13.9]              | 31500 [9.2]             | 16000 [4.7]           | 13   | 11.5 | 1350 [637.1]     | 8086711 |
|                                                           |                 | RCF4821MTAM | 48000 [14.1]              | 32300 [9.5]             | 15700 [4.6]           | 13.5 | 11.5 | 1400 [660.7]     | 8086712 |
| RA1348AC1                                                 | R801TA075417MSA | RCF4821STAM | 47000 [13.8]              | 32800 [9.6]             | 14200 [4.2]           | 13   | 11.5 | 1375 [648.9]     | 7508924 |
|                                                           |                 | RCF4821STAM | 47000 [13.8]              | 32800 [9.6]             | 14200 [4.2]           | 13   | 11.5 | 1375 [648.9]     | 8051333 |
| RA1348AC1                                                 | R801TA075417MXA | RCF4821STAM | 47000 [13.8]              | 32800 [9.6]             | 14200 [4.2]           | 13   | 11.5 | 1375 [648.9]     | 8051333 |
|                                                           |                 | RCF4821MTAM | 48000 [14.1]              | 34400 [10.1]            | 13600 [4.0]           | 13.5 | 11.5 | 1425 [672.5]     | 8086713 |
|                                                           |                 | RCF4821STAM | 47000 [13.8]              | 33000 [9.7]             | 14000 [4.1]           | 13   | 11.5 | 1400 [660.7]     | 8049173 |
|                                                           |                 | RCF4824HTAM | 48000 [14.1]              | 34400 [10.1]            | 13600 [4.0]           | 13.5 | 11.5 | 1425 [672.5]     | 8049178 |
| RA1348AC1                                                 | R801TA075421MSA | RCF4824STAM | 47000 [13.8]              | 33000 [9.7]             | 14000 [4.1]           | 13   | 11.5 | 1400 [660.7]     | 8049183 |
|                                                           |                 | RCF4821STAM | 47000 [13.8]              | 33000 [9.7]             | 14000 [4.1]           | 13   | 11.5 | 1400 [660.7]     | 8051336 |
|                                                           |                 | RCF4824HTAM | 48000 [14.1]              | 34400 [10.1]            | 13600 [4.0]           | 13.5 | 11.5 | 1425 [672.5]     | 8051360 |
|                                                           |                 | RCF4824STAM | 47000 [13.8]              | 33000 [9.7]             | 14000 [4.1]           | 13   | 11.5 | 1400 [660.7]     | 8051392 |
| RA1348AC1                                                 | R801TA075421MXA | RCF4821MTAM | 48000 [14.1]              | 34400 [10.1]            | 13600 [4.0]           | 13.5 | 11.5 | 1425 [672.5]     | 8086714 |
|                                                           |                 | RCF4821STAM | 47000 [13.8]              | 33000 [9.7]             | 14000 [4.1]           | 13   | 11.5 | 1400 [660.7]     | 7508925 |
|                                                           |                 | RCF4824HTAM | 48000 [14.1]              | 32300 [9.5]             | 15700 [4.6]           | 13.5 | 11.5 | 1450 [684.3]     | 7508939 |
|                                                           |                 | RCF4824STAM | 47000 [13.8]              | 33000 [9.7]             | 14000 [4.1]           | 13   | 11.5 | 1400 [660.7]     | 7508970 |
| RA1348AC1                                                 | R801TA075521ZSA | RCF4821STAM | 47000 [13.8]              | 33000 [9.7]             | 14000 [4.1]           | 13   | 11.5 | 1400 [660.7]     | 8051338 |
|                                                           |                 | RCF4824HTAM | 48000 [14.1]              | 32300 [9.5]             | 15700 [4.6]           | 13.5 | 11.5 | 1450 [684.3]     | 8051362 |
|                                                           |                 | RCF4824STAM | 47000 [13.8]              | 33000 [9.7]             | 14000 [4.1]           | 13   | 11.5 | 1400 [660.7]     | 8051394 |
|                                                           |                 | RCF4821MTAM | 48000 [14.1]              | 31800 [9.3]             | 16200 [4.7]           | 14   | 11.5 | 1325 [625.3]     | 8086715 |
| RA1348AC1                                                 | R801TA100521MSA | RCF4821STAM | 47000 [13.8]              | 32800 [9.6]             | 14200 [4.2]           | 13.5 | 11.5 | 1375 [648.9]     | 7508926 |
|                                                           |                 | RCF4824HTAM | 48000 [14.1]              | 32200 [9.4]             | 15800 [4.6]           | 14   | 11.5 | 1425 [672.5]     | 7508940 |
|                                                           |                 | RCF4824STAM | 47000 [13.8]              | 32800 [9.6]             | 14200 [4.2]           | 13.5 | 11.5 | 1375 [648.9]     | 7508973 |
|                                                           |                 | RCF4821STAM | 47000 [13.8]              | 32800 [9.6]             | 14200 [4.2]           | 13.5 | 11.5 | 1375 [648.9]     | 8051341 |
| RA1348AC1                                                 | R801TA100521MXA | RCF4824HTAM | 48000 [14.1]              | 32200 [9.4]             | 15800 [4.6]           | 14   | 11.5 | 1425 [672.5]     | 8051365 |
|                                                           |                 | RCF4824STAM | 47000 [13.8]              | 32800 [9.6]             | 14200 [4.2]           | 13.5 | 11.5 | 1375 [648.9]     | 8051396 |
|                                                           |                 | RCF4821MTAM | 48000 [14.1]              | 34400 [10.1]            | 13600 [4.0]           | 13.5 | 11.5 | 1425 [672.5]     | 8086716 |
|                                                           |                 | RCF4821STAM | 47000 [13.8]              | 33000 [9.7]             | 14000 [4.1]           | 13   | 11.5 | 1400 [660.7]     | 7508927 |
| RA1348AC1                                                 | R801TA100521ZSA | RCF4824HTAM | 48000 [14.1]              | 32200 [9.4]             | 15800 [4.6]           | 13.5 | 11.5 | 1425 [672.5]     | 7508941 |
|                                                           |                 | RCF4824STAM | 47000 [13.8]              | 33000 [9.7]             | 14000 [4.1]           | 13   | 11.5 | 1400 [660.7]     | 7508975 |
|                                                           |                 | RCF4821STAM | 47000 [13.8]              | 33000 [9.7]             | 14000 [4.1]           | 13   | 11.5 | 1400 [660.7]     | 8051343 |
|                                                           |                 | RCF4824HTAM | 48000 [14.1]              | 32200 [9.4]             | 15800 [4.6]           | 13.5 | 11.5 | 1425 [672.5]     | 8051367 |
| RA1348AC1                                                 | R801TA100521ZXA | RCF4824STAM | 47000 [13.8]              | 33000 [9.7]             | 14000 [4.1]           | 13   | 11.5 | 1400 [660.7]     | 8051398 |
|                                                           |                 | RCF4824HTAM | 48000 [14.1]              | 31800 [9.3]             | 16200 [4.7]           | 14   | 11.5 | 1375 [648.9]     | 7508942 |
|                                                           |                 | RCF4824STAM | 47000 [13.8]              | 32500 [9.5]             | 14500 [4.2]           | 13.5 | 11.5 | 1325 [625.3]     | 7508977 |
|                                                           |                 | RCF4824HTAM | 48000 [14.1]              | 31800 [9.3]             | 16200 [4.7]           | 14   | 11.5 | 1375 [648.9]     | 8051369 |
| RA1348AC1                                                 | R801TA125524MSA | RCF4824STAM | 47000 [13.8]              | 32500 [9.5]             | 14500 [4.2]           | 13.5 | 11.5 | 1325 [625.3]     | 8051400 |
|                                                           |                 | RCF4824HTAM | 48000 [14.1]              | 31800 [9.3]             | 16200 [4.7]           | 13.5 | 11.5 | 1375 [648.9]     | 7508943 |
|                                                           |                 | RCF4824STAM | 47000 [13.8]              | 32500 [9.5]             | 14500 [4.2]           | 13   | 11.5 | 1325 [625.3]     | 7508979 |
|                                                           |                 | RCF4824HTAM | 48000 [14.1]              | 31800 [9.3]             | 16200 [4.7]           | 13.5 | 11.5 | 1375 [648.9]     | 8051372 |
| RA1348AC1                                                 | R801TA125524ZSA | RCF4824STAM | 47000 [13.8]              | 32500 [9.5]             | 14500 [4.2]           | 13   | 11.5 | 1325 [625.3]     | 8051402 |
|                                                           |                 | RCF4824HTAM | 48000 [14.1]              | 31800 [9.3]             | 16200 [4.7]           | 13   | 11.5 | 1375 [648.9]     | 8051404 |
|                                                           |                 | RCF4824STAM | 47000 [13.8]              | 32500 [9.5]             | 14500 [4.2]           | 13   | 11.5 | 1325 [625.3]     | 8051402 |
|                                                           |                 | RCF4824HTAM | 48000 [14.1]              | 31800 [9.3]             | 16200 [4.7]           | 13   | 11.5 | 1375 [648.9]     | 8051404 |
| RA1348AJ1                                                 | R801TA075317ZSA | RCF4821MTAM | 47500 [13.9]              | 31500 [9.2]             | 16000 [4.7]           | 13   | 11.5 | 1350 [637.1]     | 8086747 |
|                                                           |                 | RCF4821MTAM | 48000 [14.1]              | 32300 [9.5]             | 15700 [4.6]           | 13.5 | 11.5 | 1400 [660.7]     | 8086748 |
|                                                           |                 | RCF4821STAM | 47000 [13.8]              | 32800 [9.6]             | 14200 [4.2]           | 13   | 11.5 | 1375 [648.9]     | 7509149 |
|                                                           |                 | RCF4821STAM | 47000 [13.8]              | 32800 [9.6]             | 14200 [4.2]           | 13   | 11.5 | 1375 [648.9]     | 8051514 |
| RA1348AJ1                                                 | R801TA075417MSA | RCF4821MTAM | 48000 [14.1]              | 34400 [10.1]            | 13600 [4.0]           | 13.5 | 11.5 | 1425 [672.5]     | 8086749 |
|                                                           |                 | RCF4821STAM | 47000 [13.8]              | 33000 [9.7]             | 14000 [4.1]           | 13   | 11.5 | 1400 [660.7]     | 8049208 |
|                                                           |                 | RCF4824HTAM | 48000 [14.1]              | 34400 [10.1]            | 13600 [4.0]           | 13.5 | 11.5 | 1425 [672.5]     | 8049213 |
|                                                           |                 | RCF4824STAM | 47000 [13.8]              | 33000 [9.7]             | 14000 [4.1]           | 13   | 11.5 | 1400 [660.7]     | 8049218 |

[ ] Designates Metric Conversions

## Performance Data @ AHRI Standard Conditions – Cooling (con't.)

| R801T: Achiever Plus Single-Stage X-13 80% Furnace Ratings |                 |             |                           |                         |                       |      |      |                  |         |
|------------------------------------------------------------|-----------------|-------------|---------------------------|-------------------------|-----------------------|------|------|------------------|---------|
| Outdoor Unit                                               | Furnace         | Indoor Coil | Total Capacity BTU/H [kW] | Net Sensible BTU/H [kW] | Net Latent BTU/H [kW] | SEER | EER  | Indoor CFM [L/s] | AHRI#   |
| RA1348AJ1                                                  | R801TA075421MXA | RCF4821STAM | 47000 [13.8]              | 33000 [9.7]             | 14000 [4.1]           | 13   | 11.5 | 1400 [660.7]     | 8051517 |
|                                                            |                 | RCF4824HTAM | 48000 [14.1]              | 34400 [10.1]            | 13600 [4.0]           | 13.5 | 11.5 | 1425 [672.5]     | 8051541 |
|                                                            |                 | RCF4824STAM | 47000 [13.8]              | 33000 [9.7]             | 14000 [4.1]           | 13   | 11.5 | 1400 [660.7]     | 8051564 |
| RA1348AJ1                                                  | R801TA075521ZSA | RCF4821MTAM | 48000 [14.1]              | 34400 [10.1]            | 13600 [4.0]           | 13.5 | 11.5 | 1425 [672.5]     | 8086750 |
|                                                            |                 | RCF4821STAM | 47000 [13.8]              | 33000 [9.7]             | 14000 [4.1]           | 13   | 11.5 | 1400 [660.7]     | 7509150 |
|                                                            |                 | RCF4824HTAM | 48000 [14.1]              | 32300 [9.5]             | 15700 [4.6]           | 13.5 | 11.5 | 1450 [684.3]     | 7509164 |
| RA1348AJ1                                                  | R801TA075521ZXA | RCF4824STAM | 47000 [13.8]              | 33000 [9.7]             | 14000 [4.1]           | 13   | 11.5 | 1400 [660.7]     | 7509189 |
|                                                            |                 | RCF4821STAM | 47000 [13.8]              | 33000 [9.7]             | 14000 [4.1]           | 13   | 11.5 | 1400 [660.7]     | 8051520 |
|                                                            |                 | RCF4824HTAM | 48000 [14.1]              | 32300 [9.5]             | 15700 [4.6]           | 13.5 | 11.5 | 1450 [684.3]     | 8051543 |
| RA1348AJ1                                                  | R801TA100521MSA | RCF4824STAM | 47000 [13.8]              | 33000 [9.7]             | 14000 [4.1]           | 13   | 11.5 | 1400 [660.7]     | 8051565 |
|                                                            |                 | RCF4821MTAM | 48000 [14.1]              | 31800 [9.3]             | 16200 [4.7]           | 14   | 11.5 | 1325 [625.3]     | 8086751 |
|                                                            |                 | RCF4821STAM | 47000 [13.8]              | 32800 [9.6]             | 14200 [4.2]           | 13.5 | 11.5 | 1375 [648.9]     | 7509151 |
| RA1348AJ1                                                  | R801TA100521MXA | RCF4824HTAM | 48000 [14.1]              | 32200 [9.4]             | 15800 [4.6]           | 14   | 11.5 | 1425 [672.5]     | 7509165 |
|                                                            |                 | RCF4824STAM | 47000 [13.8]              | 32800 [9.6]             | 14200 [4.2]           | 13.5 | 11.5 | 1375 [648.9]     | 7509190 |
|                                                            |                 | RCF4821STAM | 47000 [13.8]              | 32800 [9.6]             | 14200 [4.2]           | 13.5 | 11.5 | 1375 [648.9]     | 8051522 |
| RA1348AJ1                                                  | R801TA100521ZSA | RCF4824HTAM | 48000 [14.1]              | 32200 [9.4]             | 15800 [4.6]           | 14   | 11.5 | 1425 [672.5]     | 8051546 |
|                                                            |                 | RCF4824STAM | 47000 [13.8]              | 32800 [9.6]             | 14200 [4.2]           | 13.5 | 11.5 | 1375 [648.9]     | 8051566 |
|                                                            |                 | RCF4821MTAM | 48000 [14.1]              | 34400 [10.1]            | 13600 [4.0]           | 13.5 | 11.5 | 1425 [672.5]     | 8086752 |
| RA1348AJ1                                                  | R801TA100521ZXA | RCF4821STAM | 47000 [13.8]              | 33000 [9.7]             | 14000 [4.1]           | 13   | 11.5 | 1400 [660.7]     | 7509152 |
|                                                            |                 | RCF4824HTAM | 48000 [14.1]              | 32200 [9.4]             | 15800 [4.6]           | 13.5 | 11.5 | 1425 [672.5]     | 7509166 |
|                                                            |                 | RCF4824STAM | 47000 [13.8]              | 33000 [9.7]             | 14000 [4.1]           | 13   | 11.5 | 1400 [660.7]     | 7509191 |
| RA1348AJ1                                                  | R801TA100521ZXA | RCF4821STAM | 47000 [13.8]              | 33000 [9.7]             | 14000 [4.1]           | 13   | 11.5 | 1400 [660.7]     | 8051524 |
|                                                            |                 | RCF4824HTAM | 48000 [14.1]              | 32200 [9.4]             | 15800 [4.6]           | 13.5 | 11.5 | 1425 [672.5]     | 8051548 |
|                                                            |                 | RCF4824STAM | 47000 [13.8]              | 33000 [9.7]             | 14000 [4.1]           | 13   | 11.5 | 1400 [660.7]     | 8051567 |
| RA1348AJ1                                                  | R801TA125524MSA | RCF4824HTAM | 48000 [14.1]              | 31800 [9.3]             | 16200 [4.7]           | 14   | 11.5 | 1375 [648.9]     | 7509167 |
|                                                            |                 | RCF4824STAM | 47000 [13.8]              | 32500 [9.5]             | 14500 [4.2]           | 13.5 | 11.5 | 1325 [625.3]     | 7509192 |
|                                                            |                 | RCF4824HTAM | 48000 [14.1]              | 31800 [9.3]             | 16200 [4.7]           | 14   | 11.5 | 1375 [648.9]     | 8051551 |
| RA1348AJ1                                                  | R801TA125524MXA | RCF4824STAM | 47000 [13.8]              | 32500 [9.5]             | 14500 [4.2]           | 13.5 | 11.5 | 1325 [625.3]     | 8051568 |
|                                                            |                 | RCF4824HTAM | 48000 [14.1]              | 31800 [9.3]             | 16200 [4.7]           | 13.5 | 11.5 | 1375 [648.9]     | 7509168 |
|                                                            |                 | RCF4824STAM | 47000 [13.8]              | 32500 [9.5]             | 14500 [4.2]           | 13   | 11.5 | 1325 [625.3]     | 8051569 |
| RA1360AC1                                                  | R801TA075417MSA | RCF6021STAM | 54000 [15.8]              | 35600 [10.4]            | 18400 [5.4]           | 13   | 11   | 1475 [696.1]     | 8086783 |
|                                                            |                 | RCF6021STAM | 54500 [16.0]              | 35400 [10.4]            | 19100 [5.6]           | 13   | 11   | 1425 [672.5]     | 8086784 |
|                                                            |                 | RCF6024HTAM | 55500 [16.3]              | 37900 [11.1]            | 17600 [5.2]           | 13.5 | 11.5 | 1425 [672.5]     | 8049244 |
| RA1360AC1                                                  | R801TA075421MSA | RCF6024STAM | 55500 [16.3]              | 37900 [11.1]            | 17600 [5.2]           | 13.5 | 11.5 | 1425 [672.5]     | 8049249 |
|                                                            |                 | RCF6021STAM | 54500 [16.0]              | 35400 [10.4]            | 19100 [5.6]           | 13   | 11   | 1425 [672.5]     | 8086785 |
|                                                            |                 | RCF6024HTAM | 55500 [16.3]              | 37900 [11.1]            | 17600 [5.2]           | 13.5 | 11.5 | 1425 [672.5]     | 8051619 |
| RA1360AC1                                                  | R801TA075421MXA | RCF6024STAM | 55500 [16.3]              | 37900 [11.1]            | 17600 [5.2]           | 13.5 | 11.5 | 1425 [672.5]     | 8051646 |
|                                                            |                 | RCF6024HTAM | 56000 [16.4]              | 38500 [11.3]            | 17500 [5.1]           | 13   | 11   | 1450 [684.3]     | 7509291 |
|                                                            |                 | RCF6024STAM | 56000 [16.4]              | 38500 [11.3]            | 17500 [5.1]           | 13   | 11   | 1450 [684.3]     | 7509315 |
| RA1360AC1                                                  | R801TA075521ZSA | RCF6024HTAM | 56000 [16.4]              | 38500 [11.3]            | 17500 [5.1]           | 13   | 11   | 1450 [684.3]     | 8051621 |
|                                                            |                 | RCF6024STAM | 56000 [16.4]              | 38500 [11.3]            | 17500 [5.1]           | 13   | 11   | 1450 [684.3]     | 8051647 |
|                                                            |                 | RCF6021STAM | 56000 [16.4]              | 40400 [11.8]            | 15600 [4.6]           | 13   | 11   | 1850 [873.1]     | 8086786 |
| RA1360AC1                                                  | R801TA100521MSA | RCF6024HTAM | 57000 [16.7]              | 41100 [12.0]            | 15900 [4.7]           | 13.5 | 11.5 | 1650 [778.7]     | 7509292 |
|                                                            |                 | RCF6024STAM | 57000 [16.7]              | 41100 [12.0]            | 15900 [4.7]           | 13.5 | 11.5 | 1650 [778.7]     | 7509316 |
|                                                            |                 | RCF6024HTAM | 57000 [16.7]              | 41100 [12.0]            | 15900 [4.7]           | 13.5 | 11.5 | 1650 [778.7]     | 8051623 |
| RA1360AC1                                                  | R801TA100521MXA | RCF6024STAM | 57000 [16.7]              | 41100 [12.0]            | 15900 [4.7]           | 13.5 | 11.5 | 1650 [778.7]     | 8051648 |

[ ] Designates Metric Conversions

## Performance Data @ AHRI Standard Conditions – Cooling (con't.)

| R801T Achiever Plus Single-Stage X-13 80% Furnace Ratings |                 |             |                              |                            |                          |      |      |                     |         |
|-----------------------------------------------------------|-----------------|-------------|------------------------------|----------------------------|--------------------------|------|------|---------------------|---------|
| Outdoor Unit                                              | Furnace         | Indoor Coil | Total Capacity<br>BTU/H [kW] | Net Sensible<br>BTU/H [kW] | Net Latent<br>BTU/H [kW] | SEER | EER  | Indoor CFM<br>[L/s] | AHR#    |
| RA1360AC1                                                 | R801TA100521ZSA | RCF6024HTAM | 57000 [16.7]                 | 41500 [12.2]               | 15500 [4.5]              | 13   | 11   | 1700 [802.3]        | 7509293 |
|                                                           |                 | RCF6024STAM | 57000 [16.7]                 | 41500 [12.2]               | 15500 [4.5]              | 13   | 11   | 1700 [802.3]        | 7509317 |
| RA1360AC1                                                 | R801TA100521ZXA | RCF6024HTAM | 57000 [16.7]                 | 41500 [12.2]               | 15500 [4.5]              | 13   | 11   | 1700 [802.3]        | 8051625 |
|                                                           |                 | RCF6024STAM | 57000 [16.7]                 | 41500 [12.2]               | 15500 [4.5]              | 13   | 11   | 1700 [802.3]        | 8051649 |
| RA1360AC1                                                 | R801TA125524MSA | RCF6024HTAM | 57000 [16.7]                 | 41100 [12.0]               | 15900 [4.7]              | 13.5 | 11.5 | 1650 [778.7]        | 7509294 |
|                                                           |                 | RCF6024STAM | 57000 [16.7]                 | 41100 [12.0]               | 15900 [4.7]              | 13.5 | 11.5 | 1650 [778.7]        | 7509318 |
| RA1360AC1                                                 | R801TA125524MXA | RCF6024HTAM | 57000 [16.7]                 | 41100 [12.0]               | 15900 [4.7]              | 13.5 | 11.5 | 1650 [778.7]        | 8051627 |
|                                                           |                 | RCF6024STAM | 57000 [16.7]                 | 41100 [12.0]               | 15900 [4.7]              | 13.5 | 11.5 | 1650 [778.7]        | 8051650 |
| RA1360AC1                                                 | R801TA125524ZSA | RCF6024HTAM | 57000 [16.7]                 | 41300 [12.1]               | 15700 [4.6]              | 13   | 11   | 1675 [790.5]        | 7509295 |
|                                                           |                 | RCF6024STAM | 57000 [16.7]                 | 41300 [12.1]               | 15700 [4.6]              | 13   | 11   | 1675 [790.5]        | 7509319 |
| RA1360AC1                                                 | R801TA125524ZXA | RCF6024HTAM | 57000 [16.7]                 | 41300 [12.1]               | 15700 [4.6]              | 13   | 11   | 1675 [790.5]        | 8051629 |
|                                                           |                 | RCF6024STAM | 57000 [16.7]                 | 41300 [12.1]               | 15700 [4.6]              | 13   | 11   | 1675 [790.5]        | 8051651 |
| RA1360AJ1                                                 | R801TA075417MSA | RCF6021STAM | 54000 [15.8]                 | 35600 [10.4]               | 18400 [5.4]              | 13   | 11   | 1475 [696.1]        | 8088801 |
|                                                           |                 | RCF6021STAM | 54500 [16.0]                 | 35400 [10.4]               | 19100 [5.6]              | 13   | 11   | 1425 [672.5]        | 8088802 |
| RA1360AJ1                                                 | R801TA075421MSA | RCF6024HTAM | 55500 [16.3]                 | 37900 [11.1]               | 17600 [5.2]              | 13.5 | 11.5 | 1425 [672.5]        | 8049275 |
|                                                           |                 | RCF6024STAM | 55500 [16.3]                 | 37900 [11.1]               | 17600 [5.2]              | 13.5 | 11.5 | 1425 [672.5]        | 8049280 |
| RA1360AJ1                                                 | R801TA075421MXA | RCF6021STAM | 54500 [16.0]                 | 35400 [10.4]               | 19100 [5.6]              | 13   | 11   | 1425 [672.5]        | 8088803 |
|                                                           |                 | RCF6024HTAM | 55500 [16.3]                 | 37900 [11.1]               | 17600 [5.2]              | 13.5 | 11.5 | 1425 [672.5]        | 8051688 |
| RA1360AJ1                                                 | R801TA075521ZSA | RCF6024HTAM | 56000 [16.4]                 | 38500 [11.3]               | 17500 [5.1]              | 13   | 11   | 1450 [684.3]        | 7509413 |
|                                                           |                 | RCF6024STAM | 56000 [16.4]                 | 38500 [11.3]               | 17500 [5.1]              | 13   | 11   | 1450 [684.3]        | 7509437 |
| RA1360AJ1                                                 | R801TA075521ZXA | RCF6024HTAM | 56000 [16.4]                 | 38500 [11.3]               | 17500 [5.1]              | 13   | 11   | 1450 [684.3]        | 8051689 |
|                                                           |                 | RCF6024STAM | 56000 [16.4]                 | 38500 [11.3]               | 17500 [5.1]              | 13   | 11   | 1450 [684.3]        | 8051701 |
| RA1360AJ1                                                 | R801TA100521MSA | RCF6021STAM | 56000 [16.4]                 | 40400 [11.8]               | 15600 [4.6]              | 13   | 11   | 1850 [873.1]        | 8086804 |
|                                                           |                 | RCF6024HTAM | 57000 [16.7]                 | 41100 [12.0]               | 15900 [4.7]              | 13.5 | 11.5 | 1650 [778.7]        | 7509414 |
| RA1360AJ1                                                 | R801TA100521MXA | RCF6024STAM | 57000 [16.7]                 | 41100 [12.0]               | 15900 [4.7]              | 13.5 | 11.5 | 1650 [778.7]        | 7509438 |
|                                                           |                 | RCF6024HTAM | 57000 [16.7]                 | 41100 [12.0]               | 15900 [4.7]              | 13.5 | 11.5 | 1650 [778.7]        | 8051690 |
| RA1360AJ1                                                 | R801TA100521ZSA | RCF6024STAM | 57000 [16.7]                 | 41500 [12.2]               | 15500 [4.5]              | 13   | 11   | 1700 [802.3]        | 7509415 |
|                                                           |                 | RCF6024HTAM | 57000 [16.7]                 | 41500 [12.2]               | 15500 [4.5]              | 13   | 11   | 1700 [802.3]        | 7509439 |
| RA1360AJ1                                                 | R801TA100521ZXA | RCF6024STAM | 57000 [16.7]                 | 41500 [12.2]               | 15500 [4.5]              | 13   | 11   | 1700 [802.3]        | 8051691 |
|                                                           |                 | RCF6024HTAM | 57000 [16.7]                 | 41500 [12.2]               | 15500 [4.5]              | 13   | 11   | 1700 [802.3]        | 8051703 |
| RA1360AJ1                                                 | R801TA125524MSA | RCF6024HTAM | 57000 [16.7]                 | 41100 [12.0]               | 15900 [4.7]              | 13.5 | 11.5 | 1650 [778.7]        | 7509416 |
|                                                           |                 | RCF6024STAM | 57000 [16.7]                 | 41100 [12.0]               | 15900 [4.7]              | 13.5 | 11.5 | 1650 [778.7]        | 7509440 |
| RA1360AJ1                                                 | R801TA125524MXA | RCF6024HTAM | 57000 [16.7]                 | 41100 [12.0]               | 15900 [4.7]              | 13.5 | 11.5 | 1650 [778.7]        | 8051692 |
|                                                           |                 | RCF6024STAM | 57000 [16.7]                 | 41100 [12.0]               | 15900 [4.7]              | 13.5 | 11.5 | 1650 [778.7]        | 8051704 |
| RA1360AJ1                                                 | R801TA125524ZSA | RCF6024HTAM | 57000 [16.7]                 | 41300 [12.1]               | 15700 [4.6]              | 13   | 11   | 1675 [790.5]        | 7509417 |
|                                                           |                 | RCF6024STAM | 57000 [16.7]                 | 41300 [12.1]               | 15700 [4.6]              | 13   | 11   | 1675 [790.5]        | 7509441 |
| RA1360AJ1                                                 | R801TA125524ZXA | RCF6024HTAM | 57000 [16.7]                 | 41300 [12.1]               | 15700 [4.6]              | 13   | 11   | 1675 [790.5]        | 8051693 |
|                                                           |                 | RCF6024STAM | 57000 [16.7]                 | 41300 [12.1]               | 15700 [4.6]              | 13   | 11   | 1675 [790.5]        | 8051705 |

[ ] Designates Metric Conversions

## Performance Data @ AHRI Standard Conditions – Cooling (con't.)

| R802V, Ultra 2-Stage 80% ECM Furnace Ratings |                 |             |                              |                            |                          |      |      |                     |         |
|----------------------------------------------|-----------------|-------------|------------------------------|----------------------------|--------------------------|------|------|---------------------|---------|
| Outdoor Unit                                 | Furnace         | Indoor Coil | Total Capacity<br>BTU/H [kW] | Net Sensible<br>BTU/H [kW] | Net Latent<br>BTU/H [kW] | SEER | EER  | Indoor CFM<br>[L/s] | AHRI#   |
| RA1318AJ1                                    | R802VA050317MSA | RCF2417HTAM | 18000 [5.3]                  | 13400 [3.9]                | 4600 [1.3]               | 14.5 | 12   | 675 [318.6]         | 7982141 |
|                                              |                 | RCF2417MTAM | 18000 [5.3]                  | 13400 [3.9]                | 4600 [1.3]               | 14.5 | 12   | 675 [318.6]         | 7982150 |
|                                              |                 | RCF2417STAM | 18000 [5.3]                  | 13400 [3.9]                | 4600 [1.3]               | 14.5 | 12   | 675 [318.6]         | 7982159 |
|                                              |                 | RCF2421MTAM | 18000 [5.3]                  | 13400 [3.9]                | 4600 [1.3]               | 14.5 | 12   | 675 [318.6]         | 7982178 |
| RA1318AJ1                                    | R802VA050317MXA | RCF2417HTAM | 18000 [5.3]                  | 13400 [3.9]                | 4600 [1.3]               | 14.5 | 12   | 675 [318.6]         | 8050157 |
|                                              |                 | RCF2417MTAM | 18000 [5.3]                  | 13400 [3.9]                | 4600 [1.3]               | 14.5 | 12   | 675 [318.6]         | 8050164 |
|                                              |                 | RCF2417STAM | 18000 [5.3]                  | 13400 [3.9]                | 4600 [1.3]               | 14.5 | 12   | 675 [318.6]         | 8050171 |
|                                              |                 | RCF2421MTAM | 18000 [5.3]                  | 13400 [3.9]                | 4600 [1.3]               | 14.5 | 12   | 675 [318.6]         | 8050184 |
| RA1318AJ1                                    | R802VA075317MSA | RCF2417HTAM | 18000 [5.3]                  | 13400 [3.9]                | 4600 [1.3]               | 14.5 | 12   | 675 [318.6]         | 7982144 |
|                                              |                 | RCF2417MTAM | 18000 [5.3]                  | 13400 [3.9]                | 4600 [1.3]               | 14.5 | 12   | 675 [318.6]         | 7982152 |
|                                              |                 | RCF2417STAM | 18000 [5.3]                  | 13400 [3.9]                | 4600 [1.3]               | 14.5 | 12   | 675 [318.6]         | 7982162 |
|                                              |                 | RCF2421MTAM | 18000 [5.3]                  | 13400 [3.9]                | 4600 [1.3]               | 14.5 | 12   | 675 [318.6]         | 7982180 |
| RA1318AJ1                                    | R802VA075317MXA | RCF2417HTAM | 18000 [5.3]                  | 13400 [3.9]                | 4600 [1.3]               | 14.5 | 12   | 675 [318.6]         | 8050158 |
|                                              |                 | RCF2417MTAM | 18000 [5.3]                  | 13400 [3.9]                | 4600 [1.3]               | 14.5 | 12   | 675 [318.6]         | 8050165 |
|                                              |                 | RCF2417STAM | 18000 [5.3]                  | 13400 [3.9]                | 4600 [1.3]               | 14.5 | 12   | 675 [318.6]         | 8050172 |
|                                              |                 | RCF2421MTAM | 18000 [5.3]                  | 13400 [3.9]                | 4600 [1.3]               | 14.5 | 12   | 675 [318.6]         | 8050185 |
| RA1318AJ1                                    | R802VA075317ZSA | RCF2417HTAM | 18000 [5.3]                  | 13400 [3.9]                | 4600 [1.3]               | 14.5 | 12   | 675 [318.6]         | 7982146 |
|                                              |                 | RCF2417MTAM | 18000 [5.3]                  | 13400 [3.9]                | 4600 [1.3]               | 14.5 | 12   | 675 [318.6]         | 7982155 |
|                                              |                 | RCF2417STAM | 18000 [5.3]                  | 13400 [3.9]                | 4600 [1.3]               | 14.5 | 12   | 675 [318.6]         | 7982164 |
|                                              |                 | RCF2421MTAM | 18000 [5.3]                  | 13400 [3.9]                | 4600 [1.3]               | 14.5 | 12   | 675 [318.6]         | 7982182 |
| RA1318AJ1                                    | R802VA075317ZXA | RCF2417HTAM | 18000 [5.3]                  | 13400 [3.9]                | 4600 [1.3]               | 14.5 | 12   | 675 [318.6]         | 8050159 |
|                                              |                 | RCF2417MTAM | 18000 [5.3]                  | 13400 [3.9]                | 4600 [1.3]               | 14.5 | 12   | 675 [318.6]         | 8050166 |
|                                              |                 | RCF2417STAM | 18000 [5.3]                  | 13400 [3.9]                | 4600 [1.3]               | 14.5 | 12   | 675 [318.6]         | 8050173 |
|                                              |                 | RCF2421MTAM | 18000 [5.3]                  | 13400 [3.9]                | 4600 [1.3]               | 14.5 | 12   | 675 [318.6]         | 8050186 |
| RA1318AJ1                                    | R802VA075421MSA | RCF2421MTAM | 18000 [5.3]                  | 13400 [3.9]                | 4600 [1.3]               | 15   | 12.5 | 650 [306.8]         | 8048993 |
| RA1318AJ1                                    | R802VA075421MXA | RCF2421MTAM | 18000 [5.3]                  | 13400 [3.9]                | 4600 [1.3]               | 15   | 12.5 | 650 [306.8]         | 8050187 |
| RA1318AJ1                                    | R802VA050317MSA | RCF2421HTAM | 18000 [5.3]                  | 13400 [3.9]                | 4600 [1.3]               | 14.5 | 12   | 675 [318.6]         | 7982168 |
| RA1318AJ1                                    | R802VA050317MXA | RCF2421HTAM | 18000 [5.3]                  | 13400 [3.9]                | 4600 [1.3]               | 14.5 | 12   | 675 [318.6]         | 8050177 |
| RA1318AJ1                                    | R802VA075317MSA | RCF2421HTAM | 18000 [5.3]                  | 13400 [3.9]                | 4600 [1.3]               | 14.5 | 12   | 675 [318.6]         | 7982171 |
| RA1318AJ1                                    | R802VA075317MXA | RCF2421HTAM | 18000 [5.3]                  | 13400 [3.9]                | 4600 [1.3]               | 14.5 | 12   | 675 [318.6]         | 8050178 |
| RA1318AJ1                                    | R802VA075317ZSA | RCF2421HTAM | 18000 [5.3]                  | 13400 [3.9]                | 4600 [1.3]               | 14.5 | 12   | 675 [318.6]         | 7982173 |
| RA1318AJ1                                    | R802VA075317ZXA | RCF2421HTAM | 18000 [5.3]                  | 13400 [3.9]                | 4600 [1.3]               | 14.5 | 12   | 675 [318.6]         | 8050179 |
| RA1318AJ1                                    | R802VA075421MSA | RCF2421HTAM | 18000 [5.3]                  | 13400 [3.9]                | 4600 [1.3]               | 15   | 12.5 | 650 [306.8]         | 8048992 |
| RA1318AJ1                                    | R802VA075421MXA | RCF2421HTAM | 18000 [5.3]                  | 13400 [3.9]                | 4600 [1.3]               | 15   | 12.5 | 650 [306.8]         | 8050180 |
| RA1324AJ1                                    | R802VA050317MSA | RCF2417HTAM | 24000 [7.0]                  | 17900 [5.2]                | 6100 [1.8]               | 14   | 11.5 | 875 [413.0]         | 7982239 |
|                                              |                 | RCF2417MTAM | 24000 [7.0]                  | 17900 [5.1]                | 6700 [2.0]               | 14   | 11.5 | 850 [401.2]         | 7982248 |
|                                              |                 | RCF2417STAM | 23800 [7.0]                  | 17800 [5.2]                | 6000 [1.8]               | 14   | 11.5 | 775 [365.8]         | 7982257 |
|                                              |                 | RCF2421MTAM | 24000 [7.0]                  | 17900 [5.1]                | 6700 [2.0]               | 14   | 11.5 | 850 [401.2]         | 7982277 |
| RA1324AJ1                                    | R802VA050317MXA | RCF2417HTAM | 24000 [7.0]                  | 17900 [5.2]                | 6100 [1.8]               | 14   | 11.5 | 875 [413.0]         | 8050234 |
|                                              |                 | RCF2417MTAM | 24000 [7.0]                  | 17900 [5.1]                | 6700 [2.0]               | 14   | 11.5 | 850 [401.2]         | 8050241 |
|                                              |                 | RCF2417STAM | 23800 [7.0]                  | 17800 [5.2]                | 6000 [1.8]               | 14   | 11.5 | 775 [365.8]         | 8050248 |
|                                              |                 | RCF2421MTAM | 24000 [7.0]                  | 17900 [5.1]                | 6700 [2.0]               | 14   | 11.5 | 850 [401.2]         | 8050264 |
| RA1324AJ1                                    | R802VA075317MSA | RCF2417HTAM | 24000 [7.0]                  | 17900 [5.2]                | 6100 [1.8]               | 14.5 | 12   | 875 [413.0]         | 7982241 |
|                                              |                 | RCF2417STAM | 24000 [7.0]                  | 17900 [5.2]                | 6100 [1.8]               | 14   | 11.5 | 850 [401.2]         | 7982250 |
|                                              |                 | RCF2421MTAM | 24000 [7.0]                  | 17900 [5.2]                | 6100 [1.8]               | 14.5 | 12   | 875 [413.0]         | 7982259 |
|                                              |                 | RCF2421MTAM | 24000 [7.0]                  | 17900 [5.2]                | 6100 [1.8]               | 14.5 | 12   | 850 [401.2]         | 7982278 |

[ ] Designates Metric Conversions

## Performance Data @ AHRI Standard Conditions – Cooling (con't.)

| R802V Ultra 2-Stage 80% ECM Furnace Ratings |                 |             |                           |                         |                       |      |      |                  |         |
|---------------------------------------------|-----------------|-------------|---------------------------|-------------------------|-----------------------|------|------|------------------|---------|
| Outdoor Unit                                | Furnace         | Indoor Coil | Total Capacity BTU/H [kW] | Net Sensible BTU/H [kW] | Net Latent BTU/H [kW] | SEER | EER  | Indoor CFM [L/s] | AHRI#   |
| RA1324AJ1                                   | R802VA075317MXA | RCF2417HTAM | 24000 [7.0]               | 17900 [5.2]             | 6100 [1.8]            | 14.5 | 12   | 875 [413.0]      | 8050235 |
|                                             |                 | RCF2417MTAM | 24000 [7.0]               | 17900 [5.2]             | 6100 [1.8]            | 14.5 | 12   | 850 [401.2]      | 8050242 |
|                                             |                 | RCF2417STAM | 24000 [7.0]               | 17900 [5.2]             | 6100 [1.8]            | 14   | 11.5 | 875 [413.0]      | 8050250 |
|                                             |                 | RCF2421MTAM | 24000 [7.0]               | 17900 [5.2]             | 6100 [1.8]            | 14.5 | 12   | 850 [401.2]      | 8050265 |
| RA1324AJ1                                   | R802VA075317ZSA | RCF2417HTAM | 23600 [6.9]               | 16500 [4.8]             | 7100 [2.1]            | 14.5 | 12   | 725 [342.2]      | 7982243 |
|                                             |                 | RCF2417MTAM | 24000 [7.0]               | 17900 [5.2]             | 6100 [1.8]            | 14   | 11.5 | 875 [413.0]      | 7982252 |
|                                             |                 | RCF2417STAM | 24000 [7.0]               | 17900 [5.2]             | 6100 [1.8]            | 14   | 11.5 | 875 [413.0]      | 7982262 |
|                                             |                 | RCF2421MTAM | 24000 [7.0]               | 17900 [5.2]             | 6100 [1.8]            | 14   | 11.5 | 875 [413.0]      | 7982279 |
| RA1324AJ1                                   | R802VA075317ZXA | RCF2417HTAM | 23600 [6.9]               | 16500 [4.8]             | 7100 [2.1]            | 14.5 | 12   | 725 [342.2]      | 8050236 |
|                                             |                 | RCF2417MTAM | 24000 [7.0]               | 17900 [5.2]             | 6100 [1.8]            | 14   | 11.5 | 875 [413.0]      | 8050243 |
|                                             |                 | RCF2417STAM | 24000 [7.0]               | 17900 [5.2]             | 6100 [1.8]            | 14   | 11.5 | 875 [413.0]      | 8050251 |
|                                             |                 | RCF2421MTAM | 24000 [7.0]               | 17900 [5.2]             | 6100 [1.8]            | 14   | 11.5 | 875 [413.0]      | 8050266 |
| RA1324AJ1                                   | R802VA075421MSA | RCF2421MTAM | 24000 [7.0]               | 17900 [5.2]             | 6100 [1.8]            | 14.5 | 12   | 850 [401.2]      | 8049001 |
| RA1324AJ1                                   | R802VA075421MXA | RCF2421MTAM | 24000 [7.0]               | 17900 [5.2]             | 6100 [1.8]            | 14.5 | 12   | 850 [401.2]      | 8050267 |
| RA1324AJ1                                   | R802VA075421ZSA | RCF2421MTAM | 24000 [7.0]               | 17900 [5.2]             | 6100 [1.8]            | 14   | 11.5 | 875 [413.0]      | 7982280 |
| RA1324AJ1                                   | R802VA075421ZXA | RCF2421MTAM | 24000 [7.0]               | 17900 [5.2]             | 6100 [1.8]            | 14   | 11.5 | 875 [413.0]      | 8050268 |
| RA1324AJ1                                   | R802VA100521MSA | RCF2421MTAM | 24000 [7.0]               | 17900 [5.2]             | 6100 [1.8]            | 14.5 | 12   | 850 [401.2]      | 7982281 |
| RA1324AJ1                                   | R802VA100521MXA | RCF2421MTAM | 24000 [7.0]               | 17900 [5.2]             | 6100 [1.8]            | 14.5 | 12   | 850 [401.2]      | 8050269 |
| RA1324AJ1                                   | R802VA050317MSA | RCF2421HTAM | 24000 [7.0]               | 17300 [5.1]             | 6700 [2.0]            | 14   | 11.5 | 850 [401.2]      | 7982266 |
| RA1324AJ1                                   | R802VA050317MXA | RCF2421HTAM | 24000 [7.0]               | 17300 [5.1]             | 6700 [2.0]            | 14   | 11.5 | 850 [401.2]      | 8050255 |
| RA1324AJ1                                   | R802VA075317MSA | RCF2421HTAM | 24000 [7.0]               | 17900 [5.2]             | 6100 [1.8]            | 14.5 | 12   | 850 [401.2]      | 7982269 |
| RA1324AJ1                                   | R802VA075317MXA | RCF2421HTAM | 24000 [7.0]               | 17900 [5.2]             | 6100 [1.8]            | 14.5 | 12   | 850 [401.2]      | 8050256 |
| RA1324AJ1                                   | R802VA075317ZSA | RCF2421HTAM | 24000 [7.0]               | 17900 [5.2]             | 6100 [1.8]            | 14   | 11.5 | 875 [413.0]      | 7982271 |
| RA1324AJ1                                   | R802VA075317ZXA | RCF2421HTAM | 24000 [7.0]               | 17900 [5.2]             | 6100 [1.8]            | 14   | 11.5 | 875 [413.0]      | 8050257 |
| RA1324AJ1                                   | R802VA075421MSA | RCF2421HTAM | 24000 [7.0]               | 17900 [5.2]             | 6100 [1.8]            | 14.5 | 12   | 850 [401.2]      | 8048999 |
| RA1324AJ1                                   | R802VA075421MXA | RCF2421HTAM | 24000 [7.0]               | 17900 [5.2]             | 6100 [1.8]            | 14.5 | 12   | 850 [401.2]      | 8050258 |
| RA1324AJ1                                   | R802VA075421ZSA | RCF2421HTAM | 24000 [7.0]               | 17900 [5.2]             | 6100 [1.8]            | 14   | 11.5 | 875 [413.0]      | 7982273 |
| RA1324AJ1                                   | R802VA075421ZXA | RCF2421HTAM | 24000 [7.0]               | 17900 [5.2]             | 6100 [1.8]            | 14   | 11.5 | 875 [413.0]      | 8050259 |
| RA1324AJ1                                   | R802VA100521MSA | RCF2421HTAM | 24000 [7.0]               | 17900 [5.2]             | 6100 [1.8]            | 14.5 | 12   | 850 [401.2]      | 7982275 |
| RA1324AJ1                                   | R802VA100521MXA | RCF2421HTAM | 24000 [7.0]               | 17900 [5.2]             | 6100 [1.8]            | 14.5 | 12   | 850 [401.2]      | 8050260 |
| RA1330AJ1                                   | R802VA050317MSA | RCF3617STAM | 28000 [8.2]               | 20500 [6.0]             | 7500 [2.2]            | 14   | 11.5 | 800 [377.6]      | 7982307 |
|                                             |                 | RCF3621HTAM | 29800 [8.7]               | 21300 [6.2]             | 8500 [2.5]            | 15   | 12.5 | 800 [377.6]      | 8086519 |
|                                             |                 | RCF3621MTAM | 29800 [8.7]               | 21400 [6.3]             | 8400 [2.5]            | 14.5 | 12   | 875 [413.0]      | 7982311 |
|                                             |                 | RCF3621STAM | 28200 [8.3]               | 20900 [6.1]             | 7300 [2.1]            | 14   | 11.5 | 850 [401.2]      | 7982318 |
| RA1330AJ1                                   | R802VA050317MXA | RCF3617STAM | 28000 [8.2]               | 20500 [6.0]             | 7500 [2.2]            | 14   | 11.5 | 800 [377.6]      | 8050316 |
|                                             |                 | RCF3621MTAM | 29800 [8.7]               | 21400 [6.3]             | 8400 [2.5]            | 14.5 | 12   | 875 [413.0]      | 8050326 |
|                                             |                 | RCF3621STAM | 28200 [8.3]               | 20900 [6.1]             | 7300 [2.1]            | 14   | 11.5 | 850 [401.2]      | 8050340 |
|                                             |                 | RCF3617STAM | 29000 [8.5]               | 22300 [6.5]             | 6700 [2.0]            | 14   | 11.5 | 1025 [483.7]     | 7982308 |
| RA1330AJ1                                   | R802VA075317MSA | RCF3621HTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 15   | 12.5 | 1075 [507.3]     | 8086520 |
|                                             |                 | RCF3621MTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 14.5 | 12   | 1075 [507.3]     | 7982312 |
|                                             |                 | RCF3621STAM | 29000 [8.5]               | 22300 [6.5]             | 6700 [2.0]            | 14   | 11.5 | 1025 [483.7]     | 7982319 |
|                                             |                 | RCF3617STAM | 29000 [8.5]               | 22300 [6.5]             | 6700 [2.0]            | 14   | 11.5 | 1025 [483.7]     | 8050317 |
| RA1330AJ1                                   | R802VA075317MXA | RCF3621MTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 14.5 | 12   | 1075 [507.3]     | 8050327 |
|                                             |                 | RCF3621STAM | 29000 [8.5]               | 22300 [6.5]             | 6700 [2.0]            | 14   | 11.5 | 1025 [483.7]     | 8050341 |
|                                             |                 | RCF3617STAM | 28400 [8.3]               | 21300 [6.2]             | 7100 [2.1]            | 14   | 11.5 | 900 [424.8]      | 7982309 |
|                                             |                 | RCF3621MTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 14.5 | 12   | 1050 [495.5]     | 7982313 |
| RA1330AJ1                                   | R802VA075317ZSA | RCF3621STAM | 28600 [8.4]               | 21500 [6.3]             | 7100 [2.1]            | 14   | 11.5 | 900 [424.8]      | 7982320 |

[ ] Designates Metric Conversions

## Performance Data @ AHRI Standard Conditions – Cooling (con't.)

| R802V Ultra 2-Stage 80% ECM Furnace Ratings |                 |             |                           |                         |                       |      |      |                  |         |
|---------------------------------------------|-----------------|-------------|---------------------------|-------------------------|-----------------------|------|------|------------------|---------|
| Outdoor Unit                                | Furnace         | Indoor Coil | Total Capacity BTU/H [kW] | Net Sensible BTU/H [kW] | Net Latent BTU/H [kW] | SEER | EER  | Indoor CFM [L/s] | AHRF#   |
| RA1330AJ1                                   | R802VA075317ZXA | RCF3617STAM | 28400 [8.3]               | 21300 [6.2]             | 7100 [2.1]            | 14   | 11.5 | 900 [424.8]      | 8050318 |
|                                             |                 | RCF3621MTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 14.5 | 12   | 1050 [495.5]     | 8050328 |
|                                             |                 | RCF3621STAM | 28600 [8.4]               | 21500 [6.3]             | 7100 [2.1]            | 14   | 11.5 | 900 [424.8]      | 8050342 |
| RA1330AJ1                                   | R802VA075421MSA | RCF3621HTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 15.1 | 12.5 | 1075 [507.3]     | 8086521 |
|                                             |                 | RCF3621MTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 15   | 12.5 | 1000 [471.9]     | 8049011 |
|                                             |                 | RCF3621STAM | 29200 [8.6]               | 22500 [6.6]             | 6700 [2.0]            | 14   | 11.5 | 1025 [483.7]     | 8049015 |
|                                             |                 | RCF3624MTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 15   | 12.5 | 1000 [471.9]     | 8049019 |
|                                             |                 | RCF3621HTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 15.1 | 12.5 | 1075 [507.3]     | 8086522 |
| RA1330AJ1                                   | R802VA075421MXA | RCF3621MTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 15   | 12.5 | 1000 [471.9]     | 8050329 |
|                                             |                 | RCF3621STAM | 29200 [8.6]               | 22500 [6.6]             | 6700 [2.0]            | 14   | 11.5 | 1025 [483.7]     | 8050343 |
|                                             |                 | RCF3624MTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 15   | 12.5 | 1000 [471.9]     | 8050362 |
| RA1330AJ1                                   | R802VA075421ZSA | RCF3621MTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 14.5 | 12   | 1075 [507.3]     | 7982314 |
|                                             |                 | RCF3621STAM | 29000 [8.5]               | 22300 [6.5]             | 6700 [2.0]            | 14   | 11.5 | 1025 [483.7]     | 7982321 |
|                                             |                 | RCF3624HTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 15.1 | 12.5 | 1075 [507.3]     | 7982325 |
|                                             |                 | RCF3624MTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 14.5 | 12   | 1075 [507.3]     | 7982330 |
|                                             |                 | RCF3621MTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 14.5 | 12   | 1075 [507.3]     | 8050330 |
| RA1330AJ1                                   | R802VA075421ZXA | RCF3621STAM | 29000 [8.5]               | 22300 [6.5]             | 6700 [2.0]            | 14   | 11.5 | 1025 [483.7]     | 8050344 |
|                                             |                 | RCF3624HTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 15.1 | 12.5 | 1075 [507.3]     | 8050352 |
|                                             |                 | RCF3624MTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 14.5 | 12   | 1075 [507.3]     | 8050363 |
|                                             |                 | RCF3621HTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 15.5 | 13   | 1025 [483.7]     | 8086523 |
|                                             |                 | RCF3621MTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 15.1 | 12.5 | 1025 [483.7]     | 7982315 |
| RA1330AJ1                                   | R802VA100521MSA | RCF3621STAM | 29200 [8.6]               | 22500 [6.6]             | 6700 [2.0]            | 14.5 | 12   | 1025 [483.7]     | 7982322 |
|                                             |                 | RCF3624HTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 15.5 | 13   | 1025 [483.7]     | 7982326 |
|                                             |                 | RCF3624MTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 15.1 | 12.5 | 1025 [483.7]     | 7982331 |
|                                             |                 | RCF3621MTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 15.1 | 12.5 | 1025 [483.7]     | 8050331 |
|                                             |                 | RCF3621STAM | 29200 [8.6]               | 22500 [6.6]             | 6700 [2.0]            | 14.5 | 12   | 1025 [483.7]     | 8050345 |
| RA1330AJ1                                   | R802VA100521MXA | RCF3624HTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 15.5 | 13   | 1025 [483.7]     | 8050353 |
|                                             |                 | RCF3624MTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 15.1 | 12.5 | 1025 [483.7]     | 8050364 |
|                                             |                 | RCF3621MTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 14.5 | 12   | 1050 [495.5]     | 7982316 |
| RA1330AJ1                                   | R802VA100521ZSA | RCF3621STAM | 29000 [8.5]               | 22100 [6.5]             | 6900 [2.0]            | 14   | 11.5 | 975 [460.1]      | 7982323 |
|                                             |                 | RCF3624HTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 15.5 | 13   | 975 [460.1]      | 7982327 |
|                                             |                 | RCF3624MTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 14.5 | 12   | 1050 [495.5]     | 7982332 |
|                                             |                 | RCF3621MTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 14.5 | 12   | 1050 [495.5]     | 8050332 |
|                                             |                 | RCF3621STAM | 29000 [8.5]               | 22100 [6.5]             | 6900 [2.0]            | 14   | 11.5 | 975 [460.1]      | 8050346 |
| RA1330AJ1                                   | R802VA100521ZXA | RCF3624HTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 15.5 | 13   | 975 [460.1]      | 8050354 |
|                                             |                 | RCF3624MTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 14.5 | 12   | 1050 [495.5]     | 8050365 |
|                                             |                 | RCF3621MTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 15.5 | 13   | 1050 [495.5]     | 7982328 |
| RA1330AJ1                                   | R802VA125524MSA | RCF3624HTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 15.1 | 12.5 | 1050 [495.5]     | 7982333 |
|                                             |                 | RCF3624MTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 15.5 | 13   | 1050 [495.5]     | 8050355 |
| RA1330AJ1                                   | R802VA125524MXA | RCF3624MTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 15.1 | 12.5 | 1050 [495.5]     | 8050366 |
|                                             |                 | RCF3624HTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 15.5 | 13   | 1075 [507.3]     | 7982329 |
| RA1330AJ1                                   | R802VA125524ZSA | RCF3624MTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 15   | 12.5 | 1000 [471.9]     | 7982334 |
|                                             |                 | RCF3624HTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 15.5 | 13   | 1075 [507.3]     | 8050356 |
| RA1330AJ1                                   | R802VA125524ZXA | RCF3624MTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 15   | 12.5 | 1000 [471.9]     | 8050367 |
|                                             |                 | RCF3621MTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 15.5 | 13   | 1075 [507.3]     | 7982329 |
| RA1336AC1                                   | R802VA050317MSA | RCF3617STAM | 34400 [10.1]              | 24100 [7.1]             | 10300 [3.0]           | 13   | 11.5 | 975 [460.1]      | 7982369 |
|                                             |                 | RCF3621HTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 975 [460.1]      | 8086547 |
|                                             |                 | RCF3621MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14   | 11.5 | 975 [460.1]      | 7982373 |
|                                             |                 | RCF3621STAM | 34600 [10.1]              | 24300 [7.1]             | 10300 [3.0]           | 13   | 11.5 | 975 [460.1]      | 7982380 |

[ ] Designates Metric Conversions

## Performance Data @ AHRI Standard Conditions – Cooling (con't.)

| R802V Ultra 2-Stage 80% ECM Furnace Ratings |                 |             |                           |                         |                       |      |      |                  |         |
|---------------------------------------------|-----------------|-------------|---------------------------|-------------------------|-----------------------|------|------|------------------|---------|
| Outdoor Unit                                | Furnace         | Indoor Coil | Total Capacity BTU/h [kW] | Net Sensible BTU/h [kW] | Net Latent BTU/h [kW] | SEER | EER  | Indoor CFM [L/s] | AHRI#   |
| RA1336AC1                                   | R802VA050317MXA | RCF3617STAM | 34400 [10.1]              | 24100 [7.1]             | 10300 [3.0]           | 13   | 11.5 | 975 [460.1]      | 8050442 |
|                                             |                 | RCF3621MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14   | 11.5 | 975 [460.1]      | 8050453 |
|                                             |                 | RCF3621STAM | 34600 [10.1]              | 24300 [7.1]             | 10300 [3.0]           | 13   | 11.5 | 975 [460.1]      | 8050469 |
| RA1336AC1                                   | R802VA075317MSA | RCF3617STAM | 35600 [10.4]              | 26000 [7.6]             | 9600 [2.8]            | 13.5 | 11.5 | 1150 [542.7]     | 7982370 |
|                                             |                 | RCF3621HTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 15   | 12.5 | 975 [460.1]      | 8086548 |
|                                             |                 | RCF3621MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1075 [507.3]     | 7982374 |
| RA1336AC1                                   | R802VA075317MXA | RCF3621STAM | 35600 [10.4]              | 26000 [7.6]             | 9600 [2.8]            | 13.5 | 11.5 | 1150 [542.7]     | 7982381 |
|                                             |                 | RCF3617STAM | 35600 [10.4]              | 26000 [7.6]             | 9600 [2.8]            | 13.5 | 11.5 | 1150 [542.7]     | 8050443 |
|                                             |                 | RCF3621MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1075 [507.3]     | 8050454 |
| RA1336AC1                                   | R802VA075317ZSA | RCF3621STAM | 35600 [10.3]              | 25000 [7.3]             | 10000 [2.9]           | 13.5 | 11.5 | 1050 [495.5]     | 8050470 |
|                                             |                 | RCF3617STAM | 35000 [10.3]              | 25000 [7.3]             | 10000 [2.9]           | 13.5 | 11.5 | 1050 [495.5]     | 7982371 |
|                                             |                 | RCF3621MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1000 [471.9]     | 7982375 |
| RA1336AC1                                   | R802VA075317ZXA | RCF3621STAM | 35200 [10.3]              | 25400 [7.4]             | 9800 [2.9]            | 13.5 | 11.5 | 1100 [519.1]     | 7982382 |
|                                             |                 | RCF3617STAM | 35000 [10.3]              | 25000 [7.3]             | 10000 [2.9]           | 13.5 | 11.5 | 1050 [495.5]     | 8050444 |
|                                             |                 | RCF3621MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1000 [471.9]     | 8050455 |
| RA1336AC1                                   | R802VA075421MSA | RCF3621STAM | 35200 [10.3]              | 25400 [7.4]             | 9800 [2.9]            | 13.5 | 11.5 | 1100 [519.1]     | 8050471 |
|                                             |                 | RCF3621HTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 15.1 | 12.5 | 1000 [471.9]     | 8086549 |
|                                             |                 | RCF3621MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1250 [589.9]     | 8049043 |
| RA1336AC1                                   | R802VA075421MXA | RCF3621STAM | 35400 [10.4]              | 25600 [7.5]             | 9800 [2.9]            | 14   | 11.5 | 1100 [519.1]     | 8049047 |
|                                             |                 | RCF3624HTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 15.1 | 12.5 | 1250 [589.9]     | 8049051 |
|                                             |                 | RCF3624MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1250 [589.9]     | 8049053 |
| RA1336AC1                                   | R802VA075421ZSA | RCF3621STAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 15.1 | 12.5 | 1000 [471.9]     | 8086550 |
|                                             |                 | RCF3621MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1250 [589.9]     | 8050456 |
|                                             |                 | RCF3621STAM | 35400 [10.4]              | 25600 [7.5]             | 9800 [2.9]            | 14   | 11.5 | 1100 [519.1]     | 8050472 |
| RA1336AC1                                   | R802VA075421ZXA | RCF3624HTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 15.1 | 12.5 | 1250 [589.9]     | 8050485 |
|                                             |                 | RCF3624MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1250 [589.9]     | 8050498 |
|                                             |                 | RCF3621MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1075 [507.3]     | 7982376 |
| RA1336AC1                                   | R802VA075421ZSA | RCF3621STAM | 35800 [10.5]              | 26400 [7.7]             | 9400 [2.8]            | 13.5 | 11.5 | 1200 [566.3]     | 7982383 |
|                                             |                 | RCF3624HTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 15   | 12.5 | 1075 [507.3]     | 7982387 |
|                                             |                 | RCF3624MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1075 [507.3]     | 7982392 |
| RA1336AC1                                   | R802VA075421ZXA | RCF3621MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1075 [507.3]     | 8050457 |
|                                             |                 | RCF3621STAM | 35800 [10.5]              | 26400 [7.7]             | 9400 [2.8]            | 13.5 | 11.5 | 1200 [566.3]     | 8050473 |
|                                             |                 | RCF3624HTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 15   | 12.5 | 1075 [507.3]     | 8050486 |
| RA1336AC1                                   | R802VA100521MSA | RCF3624MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1075 [507.3]     | 8050499 |
|                                             |                 | RCF3621HTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 15.1 | 12.5 | 1250 [589.9]     | 8086551 |
|                                             |                 | RCF3621MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1250 [589.9]     | 7982377 |
| RA1336AC1                                   | R802VA100521MXA | RCF3621STAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14   | 11.5 | 1250 [589.9]     | 7982384 |
|                                             |                 | RCF3624HTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 15.1 | 12.5 | 1250 [589.9]     | 7982388 |
|                                             |                 | RCF3624MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1250 [589.9]     | 7982393 |
| RA1336AC1                                   | R802VA100521ZSA | RCF3621MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1250 [589.9]     | 8050458 |
|                                             |                 | RCF3621STAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14   | 11.5 | 1250 [589.9]     | 8050474 |
|                                             |                 | RCF3624HTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 15.1 | 12.5 | 1250 [589.9]     | 8050487 |
| RA1336AC1                                   | R802VA100521ZXA | RCF3624MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1250 [589.9]     | 8050500 |
|                                             |                 | RCF3621MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1200 [566.3]     | 7982378 |
|                                             |                 | RCF3621STAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 13.5 | 11.5 | 1250 [589.9]     | 7982385 |
| RA1336AC1                                   | R802VA100521ZSA | RCF3624HTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 15   | 12.5 | 1250 [589.9]     | 7982389 |
|                                             |                 | RCF3624MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1200 [566.3]     | 7982394 |

[ ] Designates Metric Conversions

## Performance Data @ AHRI Standard Conditions – Cooling (con't.)

| R802V, Ultra 2-Stage 86% ECM Furnace Ratings |                 |             |                              |                            |                          |      |      |                     |         |
|----------------------------------------------|-----------------|-------------|------------------------------|----------------------------|--------------------------|------|------|---------------------|---------|
| Outdoor Unit                                 | Furnace         | Indoor Coil | Total Capacity<br>BTU/H [kW] | Net Sensible<br>BTU/H [kW] | Net Latent<br>BTU/H [kW] | SEER | EER  | Indoor CFM<br>[L/s] | AHRI#   |
| RA1336AC1                                    | R802VA100521ZXA | RCF3621MTAM | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 14.5 | 12   | 1200 [566.3]        | 8050459 |
|                                              |                 | RCF3621STAM | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 13.5 | 11.5 | 1250 [589.9]        | 8050475 |
|                                              |                 | RCF3624HTAM | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 15   | 12.5 | 1250 [589.9]        | 8050488 |
|                                              |                 | RCF3624MTAM | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 14.5 | 12   | 1200 [566.3]        | 8050501 |
| RA1336AC1                                    | R802VA125524MSA | RCF3624HTAM | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 15.5 | 13   | 1000 [471.9]        | 7982390 |
|                                              |                 | RCF3624MTAM | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 15   | 12.5 | 1000 [471.9]        | 7982395 |
| RA1336AC1                                    | R802VA125524MXA | RCF3624HTAM | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 15.5 | 13   | 1000 [471.9]        | 8050489 |
|                                              |                 | RCF3624MTAM | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 15   | 12.5 | 1000 [471.9]        | 8050502 |
| RA1336AC1                                    | R802VA125524ZSA | RCF3624HTAM | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 15.1 | 12.5 | 1250 [589.9]        | 7982391 |
|                                              |                 | RCF3624MTAM | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 14.5 | 12   | 1250 [589.9]        | 7982396 |
| RA1336AC1                                    | R802VA125524ZXA | RCF3624HTAM | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 15.1 | 12.5 | 1250 [589.9]        | 8050490 |
|                                              |                 | RCF3624MTAM | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 14.5 | 12   | 1250 [589.9]        | 8050503 |
| RA1336AJ1                                    | R802VA050317MSA | RCF3617STAM | 34400 [10.1]                 | 24100 [7.1]                | 10300 [3.0]              | 13   | 11.5 | 975 [460.1]         | 7982426 |
|                                              |                 | RCF3621HTAM | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 14.5 | 12   | 975 [460.1]         | 8086575 |
|                                              |                 | RCF3621MTAM | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 14   | 11.5 | 975 [460.1]         | 7982430 |
|                                              |                 | RCF3621STAM | 34600 [10.1]                 | 24300 [7.1]                | 10300 [3.0]              | 13   | 11.5 | 975 [460.1]         | 7982437 |
| RA1336AJ1                                    | R802VA050317MXA | RCF3617STAM | 34400 [10.1]                 | 24100 [7.1]                | 10300 [3.0]              | 13   | 11.5 | 975 [460.1]         | 8050587 |
|                                              |                 | RCF3621MTAM | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 14   | 11.5 | 975 [460.1]         | 8050598 |
|                                              |                 | RCF3621STAM | 34600 [10.1]                 | 24300 [7.1]                | 10300 [3.0]              | 13   | 11.5 | 975 [460.1]         | 8050615 |
|                                              |                 | RCF3617STAM | 35600 [10.4]                 | 26000 [7.6]                | 9600 [2.8]               | 13.5 | 11.5 | 1150 [542.7]        | 7982427 |
| RA1336AJ1                                    | R802VA075317MSA | RCF3621HTAM | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 15   | 12.5 | 975 [460.1]         | 8086576 |
|                                              |                 | RCF3621MTAM | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 14.5 | 12   | 1075 [507.3]        | 7982431 |
|                                              |                 | RCF3621STAM | 35600 [10.4]                 | 26000 [7.6]                | 9600 [2.8]               | 13.5 | 11.5 | 1150 [542.7]        | 7982438 |
|                                              |                 | RCF3617STAM | 35600 [10.4]                 | 26000 [7.6]                | 9600 [2.8]               | 13.5 | 11.5 | 1150 [542.7]        | 8050588 |
| RA1336AJ1                                    | R802VA075317MXA | RCF3621MTAM | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 14.5 | 12   | 1075 [507.3]        | 8050599 |
|                                              |                 | RCF3621STAM | 35600 [10.4]                 | 26000 [7.6]                | 9600 [2.8]               | 13.5 | 11.5 | 1150 [542.7]        | 8050616 |
| RA1336AJ1                                    | R802VA075317ZSA | RCF3617STAM | 35000 [10.3]                 | 25000 [7.3]                | 10000 [2.9]              | 13.5 | 11.5 | 1050 [495.5]        | 7982428 |
|                                              |                 | RCF3621MTAM | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 14.5 | 12   | 1000 [471.9]        | 7982432 |
|                                              |                 | RCF3621STAM | 35200 [10.3]                 | 25400 [7.4]                | 9800 [2.9]               | 13.5 | 11.5 | 1100 [519.1]        | 7982439 |
|                                              |                 | RCF3617STAM | 35000 [10.3]                 | 25000 [7.3]                | 10000 [2.9]              | 13.5 | 11.5 | 1050 [495.5]        | 8050589 |
| RA1336AJ1                                    | R802VA075317ZXA | RCF3621MTAM | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 14.5 | 12   | 1000 [471.9]        | 8050600 |
|                                              |                 | RCF3621STAM | 35200 [10.3]                 | 25400 [7.4]                | 9800 [2.9]               | 13.5 | 11.5 | 1100 [519.1]        | 8050617 |
| RA1336AJ1                                    | R802VA075421MSA | RCF3621HTAM | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 15.1 | 12.5 | 1000 [471.9]        | 8088577 |
|                                              |                 | RCF3621MTAM | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 14   | 12   | 1250 [589.9]        | 8049077 |
|                                              |                 | RCF3621STAM | 35400 [10.4]                 | 25600 [7.5]                | 9800 [2.9]               | 14   | 11.5 | 1100 [519.1]        | 8049081 |
|                                              |                 | RCF3624HTAM | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 15.1 | 12.5 | 1250 [589.9]        | 8049085 |
|                                              |                 | RCF3624MTAM | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 14.5 | 12   | 1250 [589.9]        | 8049087 |
|                                              |                 | RCF3621HTAM | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 15.1 | 12.5 | 1000 [471.9]        | 8086578 |
| RA1336AJ1                                    | R802VA075421MXA | RCF3621MTAM | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 14.5 | 12   | 1250 [589.9]        | 8050601 |
|                                              |                 | RCF3621STAM | 35400 [10.4]                 | 25600 [7.5]                | 9800 [2.9]               | 14   | 11.5 | 1100 [519.1]        | 8050618 |
|                                              |                 | RCF3624HTAM | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 15.1 | 12.5 | 1250 [589.9]        | 8050635 |
|                                              |                 | RCF3624MTAM | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 14.5 | 12   | 1250 [589.9]        | 8050669 |
|                                              |                 | RCF3621MTAM | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 14.5 | 12   | 1075 [507.3]        | 7982433 |
|                                              |                 | RCF3621STAM | 35800 [10.5]                 | 26400 [7.7]                | 9400 [2.8]               | 13.5 | 11.5 | 1200 [566.3]        | 7982440 |
| RA1336AJ1                                    | R802VA075421ZSA | RCF3624HTAM | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 15   | 12.5 | 1075 [507.3]        | 7982444 |
|                                              |                 | RCF3624MTAM | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 14.5 | 12   | 1075 [507.3]        | 7982449 |

[ ] Designates Metric Conversions

## Performance Data @ AHRI Standard Conditions – Cooling (con't.)

| R802V Ultra 2-Stage 80% ECM Furnace Ratings |                 |             |                           |                         |                       |      |      |                  |         |
|---------------------------------------------|-----------------|-------------|---------------------------|-------------------------|-----------------------|------|------|------------------|---------|
| Outdoor Unit                                | Furnace         | Indoor Coil | Total Capacity BTU/H [kW] | Net Sensible BTU/H [kW] | Net Latent BTU/H [kW] | SEER | EER  | Indoor CFM [L/s] | AHRI#   |
| RA1336AJ1                                   | R802VA075421ZXA | RCF3621MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1075 [507.3]     | 8050602 |
|                                             |                 | RCF3621STAM | 35800 [10.5]              | 26400 [7.7]             | 9400 [2.8]            | 13.5 | 11.5 | 1200 [566.3]     | 8050619 |
|                                             |                 | RCF3624HTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 15   | 12.5 | 1075 [507.3]     | 8050637 |
|                                             |                 | RCF3624MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1075 [507.3]     | 8050672 |
| RA1336AJ1                                   | R802VA100521MSA | RCF3621HTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 15.1 | 12.5 | 1250 [589.9]     | 8086579 |
|                                             |                 | RCF3621MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1250 [589.9]     | 7982434 |
|                                             |                 | RCF3621STAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14   | 11.5 | 1250 [589.9]     | 7982441 |
|                                             |                 | RCF3624HTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 15.1 | 12.5 | 1250 [589.9]     | 7982445 |
| RA1336AJ1                                   | R802VA100521MXA | RCF3624MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1250 [589.9]     | 7982450 |
|                                             |                 | RCF3621MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1250 [589.9]     | 8050603 |
|                                             |                 | RCF3621STAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14   | 11.5 | 1250 [589.9]     | 8050620 |
|                                             |                 | RCF3624HTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 15.1 | 12.5 | 1250 [589.9]     | 8050640 |
| RA1336AJ1                                   | R802VA100521ZSA | RCF3624MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1250 [589.9]     | 8050574 |
|                                             |                 | RCF3621MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1200 [566.3]     | 7982435 |
|                                             |                 | RCF3621STAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 13.5 | 11.5 | 1250 [589.9]     | 7982442 |
|                                             |                 | RCF3624HTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 15   | 12.5 | 1250 [589.9]     | 7982446 |
| RA1336AJ1                                   | R802VA100521ZXA | RCF3624MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1200 [566.3]     | 7982451 |
|                                             |                 | RCF3621MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1200 [566.3]     | 8050604 |
|                                             |                 | RCF3621STAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 13.5 | 11.5 | 1250 [589.9]     | 8050621 |
|                                             |                 | RCF3624HTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 15   | 12.5 | 1250 [589.9]     | 8050642 |
| RA1336AJ1                                   | R802VA125524MSA | RCF3624MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1200 [566.3]     | 8050676 |
|                                             |                 | RCF3624HTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 15.5 | 13   | 1000 [471.9]     | 7982447 |
|                                             |                 | RCF3624MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 15   | 12.5 | 1000 [471.9]     | 7982452 |
|                                             |                 | RCF3624HTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 15.5 | 13   | 1000 [471.9]     | 8050644 |
| RA1336AJ1                                   | R802VA125524MXA | RCF3624MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 15   | 12.5 | 1000 [471.9]     | 8050679 |
|                                             |                 | RCF3624HTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 15.1 | 12.5 | 1250 [589.9]     | 7982448 |
|                                             |                 | RCF3624MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1250 [589.9]     | 7982453 |
|                                             |                 | RCF3624HTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 15.1 | 12.5 | 1250 [589.9]     | 8050647 |
| RA1336AJ1                                   | R802VA125524ZXA | RCF3624MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1250 [589.9]     | 8050681 |
|                                             |                 | RCF4821MTAM | 40000 [11.7]              | 26600 [7.8]             | 13400 [3.9]           | 13.5 | 11.5 | 1100 [519.1]     | 8086605 |
|                                             |                 | RCF4821STAM | 39000 [11.4]              | 27200 [8.0]             | 11800 [3.5]           | 13   | 11.5 | 1100 [519.1]     | 7982513 |
|                                             |                 | RCF4821STAM | 39000 [11.4]              | 27200 [8.0]             | 11800 [3.5]           | 13   | 11.5 | 1100 [519.1]     | 8050911 |
| RA1342AC1                                   | R802VA050317MSA | RCF4821MTAM | 40500 [11.9]              | 27400 [8.0]             | 13100 [3.8]           | 14   | 11.5 | 1150 [542.7]     | 8086606 |
|                                             |                 | RCF4821STAM | 39500 [11.6]              | 27900 [8.2]             | 11600 [3.4]           | 13.5 | 11.5 | 1150 [542.7]     | 7982515 |
|                                             |                 | RCF4821STAM | 39500 [11.6]              | 27900 [8.2]             | 11600 [3.4]           | 13.5 | 11.5 | 1150 [542.7]     | 8050913 |
|                                             |                 | RCF4821MTAM | 41000 [12.0]              | 28800 [8.4]             | 12200 [3.6]           | 13.5 | 11.5 | 1325 [625.3]     | 8086607 |
| RA1342AC1                                   | R802VA075317ZSA | RCF4821STAM | 39500 [11.6]              | 28200 [8.3]             | 11300 [3.3]           | 13.5 | 11.5 | 1200 [566.3]     | 7982517 |
|                                             |                 | RCF4821STAM | 39500 [11.6]              | 28200 [8.3]             | 11300 [3.3]           | 13.5 | 11.5 | 1200 [566.3]     | 8050916 |
|                                             |                 | RCF4821MTAM | 42000 [12.3]              | 30700 [9.0]             | 11300 [3.3]           | 14   | 11.5 | 1475 [696.1]     | 8086608 |
|                                             |                 | RCF4821STAM | 40000 [11.7]              | 29000 [8.5]             | 11000 [3.2]           | 14   | 11.5 | 1250 [589.9]     | 8049109 |
| RA1342AC1                                   | R802VA075421MSA | RCF4824HTAM | 41500 [12.2]              | 28600 [8.4]             | 12900 [3.8]           | 14.5 | 12   | 1250 [589.9]     | 8049115 |
|                                             |                 | RCF4824STAM | 40000 [11.7]              | 29000 [8.5]             | 11000 [3.2]           | 14   | 11.5 | 1250 [589.9]     | 8049120 |
|                                             |                 | RCF4821STAM | 40000 [11.7]              | 29000 [8.5]             | 11000 [3.2]           | 14   | 11.5 | 1250 [589.9]     | 8050919 |
|                                             |                 | RCF4824HTAM | 41500 [12.2]              | 28600 [8.4]             | 12900 [3.8]           | 14.5 | 12   | 1250 [589.9]     | 8050949 |
| RA1342AC1                                   | R802VA075421MXA | RCF4824STAM | 40000 [11.7]              | 29000 [8.5]             | 11000 [3.2]           | 14   | 11.5 | 1250 [589.9]     | 8050982 |
|                                             |                 | RCF4821MTAM | 41000 [12.0]              | 28400 [8.3]             | 12600 [3.7]           | 14   | 11.5 | 1250 [589.9]     | 8086609 |
|                                             |                 | RCF4821STAM | 40000 [11.7]              | 29200 [8.6]             | 10800 [3.2]           | 13.5 | 11.5 | 1300 [613.5]     | 7982519 |
|                                             |                 | RCF4824HTAM | 42000 [12.3]              | 29900 [8.8]             | 12100 [3.5]           | 14   | 11.5 | 1400 [660.7]     | 7982525 |
| RA1342AC1                                   | R802VA075421ZSA | RCF4824STAM | 40000 [11.7]              | 29200 [8.6]             | 10800 [3.2]           | 13.5 | 11.5 | 1300 [613.5]     | 7982536 |

[ ] Designates Metric Conversions

## Performance Data @ AHRI Standard Conditions – Cooling (con't.)

| R802V, Ultra 2-Stage 80% ECM Furnace Ratings |                 |             |                           |                         |                       |      |      |                  |         |
|----------------------------------------------|-----------------|-------------|---------------------------|-------------------------|-----------------------|------|------|------------------|---------|
| Outdoor Unit                                 | Furnace         | Indoor Coil | Total Capacity BTU/H [kW] | Net Sensible BTU/H [kW] | Net Latent BTU/H [kW] | SEER | EER  | Indoor CFM [L/s] | AHRI#   |
| RA1342AC1                                    | R802VA075421ZX  | RCF4821STAM | 40000 [11.7]              | 29200 [8.6]             | 10800 [3.2]           | 13.5 | 11.5 | 1300 [613.5]     | 8050922 |
|                                              |                 | RCF4824HTAM | 42000 [12.3]              | 29900 [8.8]             | 12100 [3.5]           | 14   | 11.5 | 1400 [660.7]     | 8050951 |
|                                              |                 | RCF4824STAM | 40000 [11.7]              | 29200 [8.6]             | 10800 [3.2]           | 13.5 | 11.5 | 1300 [613.5]     | 8050985 |
|                                              |                 | RCF4821MTAM | 41000 [12.0]              | 28400 [8.3]             | 12600 [3.7]           | 14.5 | 12   | 1250 [589.9]     | 8086610 |
| RA1342AC1                                    | R802VA100521MSA | RCF4821STAM | 41000 [12.0]              | 30800 [9.0]             | 10200 [3.0]           | 14   | 11.5 | 1400 [660.7]     | 7982521 |
|                                              |                 | RCF4824HTAM | 42000 [12.3]              | 31400 [9.2]             | 10600 [3.1]           | 14.5 | 12   | 1400 [660.7]     | 7982527 |
|                                              |                 | RCF4824STAM | 41000 [12.0]              | 30800 [9.0]             | 10200 [3.0]           | 14   | 11.5 | 1400 [660.7]     | 7982538 |
|                                              |                 | RCF4821STAM | 41000 [12.0]              | 30800 [9.0]             | 10200 [3.0]           | 14   | 11.5 | 1400 [660.7]     | 8050924 |
| RA1342AC1                                    | R802VA100521MXA | RCF4824HTAM | 42000 [12.3]              | 31400 [9.2]             | 10600 [3.1]           | 14.5 | 12   | 1400 [660.7]     | 8050954 |
|                                              |                 | RCF4824STAM | 41000 [12.0]              | 30800 [9.0]             | 10200 [3.0]           | 14   | 11.5 | 1400 [660.7]     | 8050987 |
|                                              |                 | RCF4821MTAM | 41000 [12.0]              | 28700 [8.4]             | 12300 [3.6]           | 14   | 11.5 | 1300 [613.5]     | 8086611 |
|                                              |                 | RCF4821STAM | 41000 [12.0]              | 31100 [9.1]             | 9900 [2.9]            | 13.5 | 11.5 | 1450 [684.3]     | 7982523 |
| RA1342AC1                                    | R802VA100521ZSA | RCF4824HTAM | 42000 [12.3]              | 31400 [9.2]             | 10600 [3.1]           | 14   | 11.5 | 1450 [684.3]     | 7982529 |
|                                              |                 | RCF4824STAM | 41000 [12.0]              | 31100 [9.1]             | 9900 [2.9]            | 13.5 | 11.5 | 1450 [684.3]     | 7982540 |
|                                              |                 | RCF4821MTAM | 41000 [12.0]              | 31100 [9.1]             | 9900 [2.9]            | 13.5 | 11.5 | 1450 [684.3]     | 8050927 |
|                                              |                 | RCF4824HTAM | 42000 [12.3]              | 31400 [9.2]             | 10600 [3.1]           | 14   | 11.5 | 1450 [684.3]     | 8050956 |
| RA1342AC1                                    | R802VA125524MSA | RCF4824STAM | 41000 [12.0]              | 30800 [9.0]             | 10200 [3.0]           | 14   | 11.5 | 1450 [684.3]     | 8050990 |
|                                              |                 | RCF4824HTAM | 42000 [12.3]              | 31400 [9.2]             | 10600 [3.1]           | 14.5 | 12   | 1425 [672.5]     | 7982531 |
|                                              |                 | RCF4824STAM | 41000 [12.0]              | 30800 [9.0]             | 10200 [3.0]           | 14   | 11.5 | 1425 [672.5]     | 7982542 |
|                                              |                 | RCF4824HTAM | 42000 [12.3]              | 31400 [9.2]             | 10600 [3.1]           | 14.5 | 12   | 1425 [672.5]     | 8050959 |
| RA1342AC1                                    | R802VA125524MXA | RCF4824STAM | 41000 [12.0]              | 30800 [9.0]             | 10200 [3.0]           | 14   | 11.5 | 1425 [672.5]     | 8050992 |
|                                              |                 | RCF4824HTAM | 41500 [12.2]              | 28300 [8.3]             | 13200 [3.9]           | 14.5 | 12   | 1200 [566.3]     | 7982533 |
| RA1342AC1                                    | R802VA125524ZSA | RCF4824STAM | 40000 [11.7]              | 28700 [8.4]             | 11300 [3.3]           | 14   | 11.5 | 1200 [566.3]     | 7982544 |
|                                              |                 | RCF4824HTAM | 41500 [12.2]              | 28300 [8.3]             | 13200 [3.9]           | 14.5 | 12   | 1200 [566.3]     | 8050961 |
| RA1342AJ1                                    | R802VA050317MSA | RCF4821MTAM | 40000 [11.7]              | 26600 [7.8]             | 13400 [3.9]           | 13.5 | 11.5 | 1100 [519.1]     | 8086661 |
|                                              |                 | RCF4821STAM | 39000 [11.4]              | 27200 [8.0]             | 11800 [3.5]           | 13   | 11.5 | 1100 [519.1]     | 7982579 |
| RA1342AJ1                                    | R802VA050317MXA | RCF4821STAM | 39000 [11.4]              | 27200 [8.0]             | 11800 [3.5]           | 13   | 11.5 | 1100 [519.1]     | 8051129 |
|                                              |                 | RCF4821MTAM | 40500 [11.9]              | 27400 [8.0]             | 13100 [3.8]           | 14   | 11.5 | 1150 [542.7]     | 8086662 |
| RA1342AJ1                                    | R802VA075317MSA | RCF4821STAM | 39500 [11.6]              | 27900 [8.2]             | 11600 [3.4]           | 13.5 | 11.5 | 1150 [542.7]     | 7982582 |
|                                              |                 | RCF4821STAM | 39500 [11.6]              | 27900 [8.2]             | 11600 [3.4]           | 13.5 | 11.5 | 1150 [542.7]     | 8051132 |
| RA1342AJ1                                    | R802VA075317MXA | RCF4821MTAM | 41000 [12.0]              | 28800 [8.4]             | 12200 [3.6]           | 13.5 | 11.5 | 1325 [625.3]     | 8086663 |
|                                              |                 | RCF4821STAM | 39500 [11.6]              | 28200 [8.3]             | 11300 [3.3]           | 13.5 | 11.5 | 1200 [566.3]     | 7982584 |
| RA1342AJ1                                    | R802VA075317ZSA | RCF4821STAM | 39500 [11.6]              | 28200 [8.3]             | 11300 [3.3]           | 13.5 | 11.5 | 1200 [566.3]     | 8051134 |
|                                              |                 | RCF4821MTAM | 42000 [12.3]              | 30700 [9.0]             | 11300 [3.3]           | 14   | 11.5 | 1475 [696.1]     | 8086664 |
|                                              |                 | RCF4821STAM | 40000 [11.7]              | 29000 [8.5]             | 11000 [3.2]           | 14   | 11.5 | 1250 [589.9]     | 8049141 |
|                                              |                 | RCF4824HTAM | 41500 [12.2]              | 28600 [8.4]             | 12900 [3.8]           | 14.5 | 12   | 1250 [589.9]     | 8049147 |
| RA1342AJ1                                    | R802VA075421MSA | RCF4824STAM | 40000 [11.7]              | 29000 [8.5]             | 11000 [3.2]           | 14   | 11.5 | 1250 [589.9]     | 8049152 |
|                                              |                 | RCF4821STAM | 40000 [11.7]              | 29000 [8.5]             | 11000 [3.2]           | 14   | 11.5 | 1250 [589.9]     | 8051137 |
|                                              |                 | RCF4824HTAM | 41500 [12.2]              | 28600 [8.4]             | 12900 [3.8]           | 14.5 | 12   | 1250 [589.9]     | 8051167 |
|                                              |                 | RCF4824STAM | 40000 [11.7]              | 29000 [8.5]             | 11000 [3.2]           | 14   | 11.5 | 1250 [589.9]     | 8051200 |
|                                              |                 | RCF4821MTAM | 41000 [12.0]              | 28400 [8.3]             | 12600 [3.7]           | 14   | 11.5 | 1250 [589.9]     | 8086665 |
| RA1342AJ1                                    | R802VA075421ZSA | RCF4821STAM | 40000 [11.7]              | 29200 [8.6]             | 10800 [3.2]           | 13.5 | 11.5 | 1300 [613.5]     | 7982585 |
|                                              |                 | RCF4824HTAM | 42000 [12.3]              | 29900 [8.8]             | 12100 [3.5]           | 14   | 11.5 | 1400 [660.7]     | 7982591 |
|                                              |                 | RCF4824STAM | 40000 [11.7]              | 29200 [8.6]             | 10800 [3.2]           | 13.5 | 11.5 | 1300 [613.5]     | 7982602 |
|                                              |                 | RCF4821STAM | 40000 [11.7]              | 29200 [8.6]             | 10800 [3.2]           | 13.5 | 11.5 | 1300 [613.5]     | 8051140 |
| RA1342AJ1                                    | R802VA075421ZX  | RCF4824HTAM | 42000 [12.3]              | 29900 [8.8]             | 12100 [3.5]           | 14   | 11.5 | 1400 [660.7]     | 8051169 |
|                                              |                 | RCF4824STAM | 40000 [11.7]              | 29200 [8.6]             | 10800 [3.2]           | 13.5 | 11.5 | 1300 [613.5]     | 8051203 |

[ ] Designates Metric Conversions

## Performance Data @ AHRI Standard Conditions – Cooling (con't.)

| R802V Ultra 2-Stage 80% ECM Furnace Ratings |                 |             |                              |                            |                          |      |      |                     |         |
|---------------------------------------------|-----------------|-------------|------------------------------|----------------------------|--------------------------|------|------|---------------------|---------|
| Outdoor Unit                                | Furnace         | Indoor Coil | Total Capacity<br>BTU/H [kW] | Net Sensible<br>BTU/H [kW] | Net Latent<br>BTU/H [kW] | SEER | EER  | Indoor CFM<br>[L/s] | AHRI#   |
| RA1342AJ1                                   | R802VA100521MSA | RCF4821MTAM | 41000 [12.0]                 | 28400 [8.3]                | 12600 [3.7]              | 14.5 | 12   | 1250 [589.9]        | 8086666 |
|                                             |                 | RCF4821STAM | 41000 [12.0]                 | 30800 [9.0]                | 10200 [3.0]              | 14   | 11.5 | 1400 [660.7]        | 7982587 |
|                                             |                 | RCF4824HTAM | 42000 [12.3]                 | 31400 [9.2]                | 10600 [3.1]              | 14.5 | 12   | 1400 [660.7]        | 7982593 |
|                                             |                 | RCF4824STAM | 41000 [12.0]                 | 30800 [9.0]                | 10200 [3.0]              | 14   | 11.5 | 1400 [660.7]        | 7982604 |
| RA1342AJ1                                   | R802VA100521MXA | RCF4821STAM | 41000 [12.0]                 | 30800 [9.0]                | 10200 [3.0]              | 14   | 11.5 | 1400 [660.7]        | 8051142 |
|                                             |                 | RCF4824HTAM | 42000 [12.3]                 | 31400 [9.2]                | 10600 [3.1]              | 14.5 | 12   | 1400 [660.7]        | 8051171 |
|                                             |                 | RCF4824STAM | 41000 [12.0]                 | 30800 [9.0]                | 10200 [3.0]              | 14   | 11.5 | 1400 [660.7]        | 8051205 |
|                                             |                 | RCF4821MTAM | 41000 [12.0]                 | 28700 [8.4]                | 12300 [3.6]              | 14   | 11.5 | 1300 [613.5]        | 8086667 |
| RA1342AJ1                                   | R802VA100521ZSA | RCF4821STAM | 41000 [12.0]                 | 31100 [9.1]                | 9900 [2.9]               | 13.5 | 11.5 | 1450 [684.3]        | 7982589 |
|                                             |                 | RCF4824HTAM | 42000 [12.3]                 | 31400 [9.2]                | 10600 [3.1]              | 14   | 11.5 | 1450 [684.3]        | 7982595 |
|                                             |                 | RCF4824STAM | 41000 [12.0]                 | 31100 [9.1]                | 9900 [2.9]               | 13.5 | 11.5 | 1450 [684.3]        | 7982606 |
|                                             |                 | RCF4821STAM | 41000 [12.0]                 | 31100 [9.1]                | 9900 [2.9]               | 13.5 | 11.5 | 1450 [684.3]        | 8051145 |
| RA1342AJ1                                   | R802VA100521ZXA | RCF4824HTAM | 42000 [12.3]                 | 31400 [9.2]                | 10600 [3.1]              | 14   | 11.5 | 1450 [684.3]        | 8051174 |
|                                             |                 | RCF4824STAM | 41000 [12.0]                 | 31100 [9.1]                | 9900 [2.9]               | 13.5 | 11.5 | 1450 [684.3]        | 8051207 |
|                                             |                 | RCF4824HTAM | 42000 [12.3]                 | 31400 [9.2]                | 10600 [3.1]              | 14.5 | 12   | 1425 [672.5]        | 7982597 |
|                                             |                 | RCF4824STAM | 41000 [12.0]                 | 30800 [9.0]                | 10200 [3.0]              | 14   | 11.5 | 1425 [672.5]        | 7982608 |
| RA1342AJ1                                   | R802VA125524MSA | RCF4824HTAM | 42000 [12.3]                 | 31400 [9.2]                | 10600 [3.1]              | 14.5 | 12   | 1425 [672.5]        | 8051176 |
|                                             |                 | RCF4824STAM | 41000 [12.0]                 | 30800 [9.0]                | 10200 [3.0]              | 14   | 11.5 | 1425 [672.5]        | 8051210 |
|                                             |                 | RCF4824HTAM | 41500 [12.2]                 | 28300 [8.3]                | 13200 [3.9]              | 14.5 | 12   | 1200 [566.3]        | 7982597 |
|                                             |                 | RCF4824STAM | 40000 [11.7]                 | 28700 [8.4]                | 11300 [3.3]              | 14   | 11.5 | 1200 [566.3]        | 7982610 |
| RA1342AJ1                                   | R802VA125524ZXA | RCF4824HTAM | 41500 [12.2]                 | 28300 [8.3]                | 13200 [3.9]              | 14.5 | 12   | 1200 [566.3]        | 8051179 |
|                                             |                 | RCF4824STAM | 40000 [11.7]                 | 28700 [8.4]                | 11300 [3.3]              | 14   | 11.5 | 1200 [566.3]        | 8051212 |
|                                             |                 | RCF4821MTAM | 47500 [13.9]                 | 31300 [9.2]                | 16200 [4.7]              | 13   | 11.5 | 1325 [625.3]        | 8086717 |
|                                             |                 | RCF4821STAM | 48000 [14.1]                 | 34400 [10.1]               | 13600 [4.0]              | 13.5 | 11.5 | 1550 [731.5]        | 8086718 |
| RA1348AC1                                   | R802VA075421MSA | RCF4821STAM | 46500 [13.6]                 | 31600 [9.3]                | 14900 [4.4]              | 13.5 | 11.5 | 1250 [589.9]        | 8049174 |
|                                             |                 | RCF4824HTAM | 48000 [14.1]                 | 34400 [10.1]               | 13600 [4.0]              | 14   | 11.5 | 1350 [637.1]        | 8049179 |
|                                             |                 | RCF4824STAM | 46500 [13.6]                 | 31600 [9.3]                | 14900 [4.4]              | 13.5 | 11.5 | 1250 [589.9]        | 8049184 |
|                                             |                 | RCF4821STAM | 46500 [13.6]                 | 31600 [9.3]                | 14900 [4.4]              | 13.5 | 11.5 | 1250 [589.9]        | 8051347 |
| RA1348AC1                                   | R802VA075421MXA | RCF4824HTAM | 48000 [14.1]                 | 34400 [10.1]               | 13600 [4.0]              | 14   | 11.5 | 1350 [637.1]        | 8051375 |
|                                             |                 | RCF4824STAM | 46500 [13.6]                 | 31600 [9.3]                | 14900 [4.4]              | 13.5 | 11.5 | 1250 [589.9]        | 8051405 |
|                                             |                 | RCF4821MTAM | 47500 [13.9]                 | 31200 [9.1]                | 16300 [4.8]              | 13.5 | 11.5 | 1300 [613.5]        | 8086719 |
|                                             |                 | RCF4821STAM | 47000 [13.8]                 | 33000 [9.7]                | 14000 [4.1]              | 13   | 11.5 | 1400 [660.7]        | 7982646 |
| RA1348AC1                                   | R802VA075421ZSA | RCF4824HTAM | 48000 [14.1]                 | 34400 [10.1]               | 13600 [4.0]              | 13.5 | 11.5 | 1450 [684.3]        | 7982652 |
|                                             |                 | RCF4824STAM | 47000 [13.8]                 | 33000 [9.7]                | 14000 [4.1]              | 13   | 11.5 | 1400 [660.7]        | 7982663 |
|                                             |                 | RCF4821STAM | 47000 [13.8]                 | 33000 [9.7]                | 14000 [4.1]              | 13   | 11.5 | 1400 [660.7]        | 8051349 |
|                                             |                 | RCF4824HTAM | 48000 [14.1]                 | 34400 [10.1]               | 13600 [4.0]              | 13.5 | 11.5 | 1450 [684.3]        | 8051377 |
| RA1348AC1                                   | R802VA075421ZXA | RCF4824STAM | 47000 [13.8]                 | 33000 [9.7]                | 14000 [4.1]              | 13   | 11.5 | 1400 [660.7]        | 8051407 |
|                                             |                 | RCF4821MTAM | 48000 [14.1]                 | 34400 [10.1]               | 13600 [4.0]              | 14   | 11.5 | 1400 [660.7]        | 8086720 |
|                                             |                 | RCF4821STAM | 47500 [13.9]                 | 33500 [9.8]                | 14000 [4.1]              | 13.5 | 11.5 | 1400 [660.7]        | 7982648 |
|                                             |                 | RCF4824HTAM | 48000 [14.1]                 | 34400 [10.1]               | 13600 [4.0]              | 14   | 11.5 | 1525 [719.7]        | 7982654 |
| RA1348AC1                                   | R802VA100521MSA | RCF4824STAM | 47500 [13.9]                 | 33500 [9.8]                | 14000 [4.1]              | 13.5 | 11.5 | 1400 [660.7]        | 7982665 |
|                                             |                 | RCF4821MTAM | 47500 [13.9]                 | 33500 [9.8]                | 14000 [4.1]              | 13.5 | 11.5 | 1400 [660.7]        | 8051351 |
|                                             |                 | RCF4824HTAM | 48000 [14.1]                 | 34400 [10.1]               | 13600 [4.0]              | 14   | 11.5 | 1525 [719.7]        | 8051379 |
|                                             |                 | RCF4824STAM | 47500 [13.9]                 | 33500 [9.8]                | 14000 [4.1]              | 13.5 | 11.5 | 1400 [660.7]        | 8051409 |
| RA1348AC1                                   | R802VA100521MXA | RCF4821MTAM | 48000 [14.1]                 | 34400 [10.1]               | 13600 [4.0]              | 13.5 | 11.5 | 1500 [707.9]        | 8086721 |
|                                             |                 | RCF4821STAM | 47500 [13.9]                 | 34500 [10.1]               | 13000 [3.8]              | 13   | 11.5 | 1550 [731.5]        | 7982650 |
|                                             |                 | RCF4824HTAM | 48000 [14.1]                 | 34400 [10.1]               | 13600 [4.0]              | 13.5 | 11.5 | 1600 [755.1]        | 7982657 |
|                                             |                 | RCF4824STAM | 47500 [13.9]                 | 34500 [10.1]               | 13000 [3.8]              | 13   | 11.5 | 1550 [731.5]        | 7982667 |

[ ] Designates Metric Conversions

## Performance Data @ AHRI Standard Conditions – Cooling (con't.)

| R802V, Ultra 2-Stage 88% ECM Furnace Ratings |                 |             |                           |                         |                       |      |      |                  |         |
|----------------------------------------------|-----------------|-------------|---------------------------|-------------------------|-----------------------|------|------|------------------|---------|
| Outdoor Unit                                 | Furnace         | Indoor Coil | Total Capacity BTU/H (kW) | Net Sensible BTU/H (kW) | Net Latent BTU/H (kW) | SEER | EER  | Indoor CFM [L/s] | AHRI#   |
| RA1348AC1                                    | R802VA100521ZXA | RCF4821STAM | 47500 [13.9]              | 34500 [10.1]            | 13000 [3.8]           | 13   | 11.5 | 1550 [731.5]     | 8051354 |
|                                              |                 | RCF4824HTAM | 48000 [14.1]              | 34400 [10.1]            | 13600 [4.0]           | 13.5 | 11.5 | 1600 [755.1]     | 8051381 |
|                                              |                 | RCF4824STAM | 47500 [13.9]              | 34500 [10.1]            | 13000 [3.8]           | 13   | 11.5 | 1550 [731.5]     | 8051412 |
| RA1348AC1                                    | R802VA125524MSA | RCF4824HTAM | 48000 [14.1]              | 34400 [10.1]            | 13600 [4.0]           | 14   | 11.5 | 1575 [743.3]     | 7982659 |
|                                              |                 | RCF4824STAM | 48000 [14.1]              | 34800 [10.2]            | 13200 [3.9]           | 13.5 | 11.5 | 1525 [719.7]     | 7982670 |
|                                              |                 | RCF4824HTAM | 48000 [14.1]              | 34400 [10.1]            | 13600 [4.0]           | 14   | 11.5 | 1575 [743.3]     | 8051383 |
| RA1348AC1                                    | R802VA125524MXA | RCF4824STAM | 48000 [14.1]              | 34800 [10.2]            | 13200 [3.9]           | 13.5 | 11.5 | 1525 [719.7]     | 8051414 |
|                                              |                 | RCF4824HTAM | 48000 [14.1]              | 34400 [10.1]            | 13600 [4.0]           | 14   | 11.5 | 1325 [625.3]     | 7982661 |
|                                              |                 | RCF4824STAM | 46500 [13.6]              | 31600 [9.3]             | 14900 [4.4]           | 13.5 | 11.5 | 1250 [589.9]     | 7982672 |
| RA1348AC1                                    | R802VA125524ZSA | RCF4824HTAM | 48000 [14.1]              | 34400 [10.1]            | 13600 [4.0]           | 14   | 11.5 | 1325 [625.3]     | 8051386 |
|                                              |                 | RCF4824STAM | 46500 [13.6]              | 31600 [9.3]             | 14900 [4.4]           | 13.5 | 11.5 | 1250 [589.9]     | 8051416 |
|                                              |                 | RCF4821MTAM | 47500 [13.9]              | 31300 [9.2]             | 16200 [4.7]           | 13   | 11.5 | 1325 [625.3]     | 8086753 |
| RA1348AJ1                                    | R802VA075317ZSA | RCF4821MTAM | 48000 [14.1]              | 34400 [10.1]            | 13600 [4.0]           | 13.5 | 11.5 | 1550 [731.5]     | 8086754 |
|                                              |                 | RCF4821STAM | 46500 [13.6]              | 31600 [9.3]             | 14900 [4.4]           | 13.5 | 11.5 | 1250 [589.9]     | 8049209 |
|                                              |                 | RCF4824HTAM | 48000 [14.1]              | 34400 [10.1]            | 13600 [4.0]           | 14   | 11.5 | 1350 [637.1]     | 8049214 |
| RA1348AJ1                                    | R802VA075421MSA | RCF4824STAM | 46500 [13.6]              | 31600 [9.3]             | 14900 [4.4]           | 13.5 | 11.5 | 1250 [589.9]     | 8049219 |
|                                              |                 | RCF4821STAM | 46500 [13.6]              | 31600 [9.3]             | 14900 [4.4]           | 13.5 | 11.5 | 1250 [589.9]     | 8051528 |
|                                              |                 | RCF4824HTAM | 48000 [14.1]              | 34400 [10.1]            | 13600 [4.0]           | 14   | 11.5 | 1350 [637.1]     | 8051556 |
| RA1348AJ1                                    | R802VA075421MXA | RCF4824STAM | 46500 [13.6]              | 31600 [9.3]             | 14900 [4.4]           | 13.5 | 11.5 | 1250 [589.9]     | 8051570 |
|                                              |                 | RCF4821MTAM | 47500 [13.9]              | 31200 [9.1]             | 16300 [4.8]           | 13.5 | 11.5 | 1300 [613.5]     | 8086755 |
|                                              |                 | RCF4821STAM | 47000 [13.8]              | 33000 [9.7]             | 14000 [4.1]           | 13   | 11.5 | 1400 [660.7]     | 7982703 |
| RA1348AJ1                                    | R802VA075421ZSA | RCF4824HTAM | 48000 [14.1]              | 34400 [10.1]            | 13600 [4.0]           | 13.5 | 11.5 | 1450 [684.3]     | 7982712 |
|                                              |                 | RCF4824STAM | 47000 [13.8]              | 33000 [9.7]             | 14000 [4.1]           | 13   | 11.5 | 1400 [660.7]     | 7982724 |
|                                              |                 | RCF4821STAM | 47000 [13.8]              | 33000 [9.7]             | 14000 [4.1]           | 13   | 11.5 | 1400 [660.7]     | 8051530 |
| RA1348AJ1                                    | R802VA075421ZXA | RCF4821STAM | 48000 [14.1]              | 34400 [10.1]            | 13600 [4.0]           | 13.5 | 11.5 | 1450 [684.3]     | 8051559 |
|                                              |                 | RCF4824STAM | 47000 [13.8]              | 33000 [9.7]             | 14000 [4.1]           | 13   | 11.5 | 1400 [660.7]     | 8051571 |
|                                              |                 | RCF4821MTAM | 48000 [14.1]              | 34400 [10.1]            | 13600 [4.0]           | 14   | 11.5 | 1400 [660.7]     | 8086756 |
| RA1348AJ1                                    | R802VA100521MSA | RCF4821STAM | 47500 [13.9]              | 33500 [9.8]             | 14000 [4.1]           | 13.5 | 11.5 | 1400 [660.7]     | 7982706 |
|                                              |                 | RCF4824HTAM | 48000 [14.1]              | 34400 [10.1]            | 13600 [4.0]           | 14   | 11.5 | 1525 [719.7]     | 7982714 |
|                                              |                 | RCF4824STAM | 47500 [13.9]              | 33500 [9.8]             | 14000 [4.1]           | 13.5 | 11.5 | 1400 [660.7]     | 7982727 |
| RA1348AJ1                                    | R802VA100521MXA | RCF4821STAM | 47500 [13.9]              | 33500 [9.8]             | 14000 [4.1]           | 13.5 | 11.5 | 1400 [660.7]     | 8051533 |
|                                              |                 | RCF4824HTAM | 48000 [14.1]              | 34400 [10.1]            | 13600 [4.0]           | 14   | 11.5 | 1525 [719.7]     | 8051560 |
|                                              |                 | RCF4824STAM | 47500 [13.9]              | 33500 [9.8]             | 14000 [4.1]           | 13.5 | 11.5 | 1400 [660.7]     | 8051572 |
| RA1348AJ1                                    | R802VA100521ZSA | RCF4821MTAM | 48000 [14.1]              | 34400 [10.1]            | 13600 [4.0]           | 13.5 | 11.5 | 1500 [707.9]     | 8086757 |
|                                              |                 | RCF4821STAM | 47500 [13.9]              | 34500 [10.1]            | 13000 [3.8]           | 13   | 11.5 | 1550 [731.5]     | 7982709 |
|                                              |                 | RCF4824HTAM | 48000 [14.1]              | 34400 [10.1]            | 13600 [4.0]           | 13.5 | 11.5 | 1600 [755.1]     | 7982716 |
| RA1348AJ1                                    | R802VA100521ZXA | RCF4824STAM | 47500 [13.9]              | 34500 [10.1]            | 13000 [3.8]           | 13   | 11.5 | 1550 [731.5]     | 7982730 |
|                                              |                 | RCF4821STAM | 47500 [13.9]              | 34500 [10.1]            | 13000 [3.8]           | 13   | 11.5 | 1550 [731.5]     | 8051535 |
|                                              |                 | RCF4824HTAM | 48000 [14.1]              | 34400 [10.1]            | 13600 [4.0]           | 13.5 | 11.5 | 1600 [755.1]     | 8051561 |
| RA1348AJ1                                    | R802VA125524MSA | RCF4824STAM | 47500 [13.9]              | 34500 [10.1]            | 13000 [3.8]           | 13   | 11.5 | 1550 [731.5]     | 8051573 |
|                                              |                 | RCF4824HTAM | 48000 [14.1]              | 34400 [10.1]            | 13600 [4.0]           | 14   | 11.5 | 1575 [743.3]     | 7982718 |
|                                              |                 | RCF4824STAM | 48000 [14.1]              | 34800 [10.2]            | 13200 [3.9]           | 13.5 | 11.5 | 1525 [719.7]     | 7982733 |
| RA1348AJ1                                    | R802VA125524MXA | RCF4824HTAM | 48000 [14.1]              | 34400 [10.1]            | 13600 [4.0]           | 14   | 11.5 | 1575 [743.3]     | 8051562 |
|                                              |                 | RCF4824STAM | 48000 [14.1]              | 34800 [10.2]            | 13200 [3.9]           | 13.5 | 11.5 | 1525 [719.7]     | 8051574 |
|                                              |                 | RCF4824HTAM | 48000 [14.1]              | 34400 [10.1]            | 13600 [4.0]           | 14   | 11.5 | 1325 [625.3]     | 7982721 |
| RA1348AJ1                                    | R802VA125524ZSA | RCF4824STAM | 46500 [13.6]              | 31600 [9.3]             | 14900 [4.4]           | 13.5 | 11.5 | 1250 [589.9]     | 7982735 |
|                                              |                 | RCF4824HTAM | 48000 [14.1]              | 34400 [10.1]            | 13600 [4.0]           | 14   | 11.5 | 1325 [625.3]     | 8051563 |
|                                              |                 | RCF4824STAM | 46500 [13.6]              | 31600 [9.3]             | 14900 [4.4]           | 13.5 | 11.5 | 1250 [589.9]     | 8051575 |

[ ] Designates Metric Conversions

## Performance Data @ AHRI Standard Conditions – Cooling (con't.)

| R802V Ultra 2-Stage 80% ECM Furnace Ratings |                 |             |                           |                         |                       |      |      |                  |         |
|---------------------------------------------|-----------------|-------------|---------------------------|-------------------------|-----------------------|------|------|------------------|---------|
| Outdoor Unit                                | Furnace         | Indoor Coil | Total Capacity BTU/h [kW] | Net Sensible BTU/h [kW] | Net Latent BTU/h [kW] | SEER | EER  | Indoor CFM [L/s] | AHRI#   |
| RA1360AC1                                   | R802VA075421MSA | RCF6021STAM | 55500 [16.3]              | 37700 [11.0]            | 17800 [5.2]           | 13   | 11   | 1600 [755.1]     | 8086787 |
|                                             |                 | RCF6024HTAM | 56500 [16.6]              | 39800 [11.7]            | 16700 [4.9]           | 13.5 | 11.5 | 1550 [731.5]     | 8049245 |
|                                             |                 | RCF6024STAM | 56500 [16.6]              | 39800 [11.7]            | 16700 [4.9]           | 13.5 | 11.5 | 1550 [731.5]     | 8049250 |
| RA1360AC1                                   | R802VA075421MXA | RCF6021STAM | 55500 [16.3]              | 37700 [11.0]            | 17800 [5.2]           | 13   | 11   | 1600 [755.1]     | 8086788 |
|                                             |                 | RCF6024HTAM | 56500 [16.6]              | 39800 [11.7]            | 16700 [4.9]           | 13.5 | 11.5 | 1550 [731.5]     | 8051632 |
|                                             |                 | RCF6024STAM | 56500 [16.6]              | 39800 [11.7]            | 16700 [4.9]           | 13.5 | 11.5 | 1550 [731.5]     | 8051652 |
| RA1360AC1                                   | R802VA075421ZSA | RCF6024HTAM | 56000 [16.4]              | 39600 [11.6]            | 16400 [4.8]           | 13   | 11   | 1600 [755.1]     | 7982767 |
|                                             |                 | RCF6024STAM | 56000 [16.4]              | 39600 [11.6]            | 16400 [4.8]           | 13   | 11   | 1600 [755.1]     | 7982777 |
|                                             |                 | RCF6024HTAM | 56000 [16.4]              | 39600 [11.6]            | 16400 [4.8]           | 13   | 11   | 1600 [755.1]     | 8051634 |
| RA1360AC1                                   | R802VA075421ZXA | RCF6024STAM | 56000 [16.4]              | 39600 [11.6]            | 16400 [4.8]           | 13   | 11   | 1600 [755.1]     | 8051653 |
|                                             |                 | RCF6021STAM | 54000 [15.8]              | 35100 [10.3]            | 18900 [5.5]           | 13.5 | 11   | 1400 [660.7]     | 8086789 |
|                                             |                 | RCF6024HTAM | 57000 [16.7]              | 40500 [11.9]            | 16500 [4.8]           | 13.5 | 11.5 | 1575 [743.3]     | 7982769 |
| RA1360AC1                                   | R802VA100521MSA | RCF6024STAM | 57000 [16.7]              | 40500 [11.9]            | 16500 [4.8]           | 13.5 | 11.5 | 1575 [743.3]     | 7982780 |
|                                             |                 | RCF6024HTAM | 57000 [16.7]              | 40500 [11.9]            | 16500 [4.8]           | 13.5 | 11.5 | 1575 [743.3]     | 8051637 |
|                                             |                 | RCF6024STAM | 57000 [16.7]              | 40500 [11.9]            | 16500 [4.8]           | 13.5 | 11.5 | 1575 [743.3]     | 8051654 |
| RA1360AC1                                   | R802VA100521MXA | RCF6024HTAM | 55500 [16.3]              | 37700 [11.0]            | 17800 [5.2]           | 13.5 | 11.5 | 1400 [660.7]     | 7982771 |
|                                             |                 | RCF6024STAM | 55500 [16.3]              | 37700 [11.0]            | 17800 [5.2]           | 13.5 | 11.5 | 1400 [660.7]     | 7982782 |
|                                             |                 | RCF6024HTAM | 55500 [16.3]              | 37700 [11.0]            | 17800 [5.2]           | 13.5 | 11.5 | 1400 [660.7]     | 8051639 |
| RA1360AC1                                   | R802VA100521ZSA | RCF6024STAM | 55500 [16.3]              | 37700 [11.0]            | 17800 [5.2]           | 13.5 | 11.5 | 1400 [660.7]     | 8051655 |
|                                             |                 | RCF6024HTAM | 57500 [16.9]              | 42600 [12.5]            | 14900 [4.4]           | 13.5 | 11.5 | 1775 [837.7]     | 7982773 |
|                                             |                 | RCF6024STAM | 57500 [16.9]              | 42600 [12.5]            | 14900 [4.4]           | 13.5 | 11.5 | 1775 [837.7]     | 7982784 |
| RA1360AC1                                   | R802VA125524MSA | RCF6024HTAM | 57500 [16.9]              | 42600 [12.5]            | 14900 [4.4]           | 13.5 | 11.5 | 1775 [837.7]     | 8051641 |
|                                             |                 | RCF6024STAM | 57500 [16.9]              | 42600 [12.5]            | 14900 [4.4]           | 13.5 | 11.5 | 1775 [837.7]     | 8051656 |
|                                             |                 | RCF6024HTAM | 56000 [16.4]              | 38900 [11.4]            | 17100 [5.0]           | 13.5 | 11.5 | 1500 [707.9]     | 7982775 |
| RA1360AC1                                   | R802VA125524ZSA | RCF6024STAM | 56000 [16.4]              | 38900 [11.4]            | 17100 [5.0]           | 13.5 | 11.5 | 1500 [707.9]     | 7982786 |
|                                             |                 | RCF6024HTAM | 56000 [16.4]              | 38900 [11.4]            | 17100 [5.0]           | 13.5 | 11.5 | 1500 [707.9]     | 8051643 |
|                                             |                 | RCF6024STAM | 56000 [16.4]              | 38900 [11.4]            | 17100 [5.0]           | 13.5 | 11.5 | 1500 [707.9]     | 8051657 |
| RA1360AJ1                                   | R802VA125524ZXA | RCF6021STAM | 55500 [16.3]              | 37700 [11.0]            | 17800 [5.2]           | 13   | 11   | 1600 [755.1]     | 8086805 |
|                                             |                 | RCF6024HTAM | 56500 [16.6]              | 39800 [11.7]            | 16700 [4.9]           | 13.5 | 11.5 | 1550 [731.5]     | 8049276 |
|                                             |                 | RCF6024STAM | 56500 [16.6]              | 39800 [11.7]            | 16700 [4.9]           | 13.5 | 11.5 | 1550 [731.5]     | 8049281 |
| RA1360AJ1                                   | R802VA075421MSA | RCF6021STAM | 55500 [16.3]              | 37700 [11.0]            | 17800 [5.2]           | 13   | 11   | 1600 [755.1]     | 8086806 |
|                                             |                 | RCF6024HTAM | 56500 [16.6]              | 39800 [11.7]            | 16700 [4.9]           | 13.5 | 11.5 | 1550 [731.5]     | 8051694 |
|                                             |                 | RCF6024STAM | 56500 [16.6]              | 39800 [11.7]            | 16700 [4.9]           | 13.5 | 11.5 | 1550 [731.5]     | 8051706 |
| RA1360AJ1                                   | R802VA075421MXA | RCF6024HTAM | 56000 [16.4]              | 39600 [11.6]            | 16400 [4.8]           | 13   | 11   | 1600 [755.1]     | 7982813 |
|                                             |                 | RCF6024STAM | 56000 [16.4]              | 39600 [11.6]            | 16400 [4.8]           | 13   | 11   | 1600 [755.1]     | 7982824 |
|                                             |                 | RCF6024HTAM | 56000 [16.4]              | 39600 [11.6]            | 16400 [4.8]           | 13   | 11   | 1600 [755.1]     | 8051695 |
| RA1360AJ1                                   | R802VA075421ZSA | RCF6024STAM | 56000 [16.4]              | 39600 [11.6]            | 16400 [4.8]           | 13   | 11   | 1600 [755.1]     | 8051707 |
|                                             |                 | RCF6021STAM | 54000 [15.8]              | 35100 [10.3]            | 18900 [5.5]           | 13.5 | 11   | 1400 [660.7]     | 8086807 |
|                                             |                 | RCF6024HTAM | 57000 [16.7]              | 40500 [11.9]            | 16500 [4.8]           | 13.5 | 11.5 | 1575 [743.3]     | 7982815 |
| RA1360AJ1                                   | R802VA100521MSA | RCF6024STAM | 57000 [16.7]              | 40500 [11.9]            | 16500 [4.8]           | 13.5 | 11.5 | 1575 [743.3]     | 7982826 |
|                                             |                 | RCF6024HTAM | 57000 [16.7]              | 40500 [11.9]            | 16500 [4.8]           | 13.5 | 11.5 | 1575 [743.3]     | 8051696 |
|                                             |                 | RCF6024STAM | 57000 [16.7]              | 40500 [11.9]            | 16500 [4.8]           | 13.5 | 11.5 | 1575 [743.3]     | 8051708 |
| RA1360AJ1                                   | R802VA100521MXA | RCF6024HTAM | 55500 [16.3]              | 37700 [11.0]            | 17800 [5.2]           | 13.5 | 11.5 | 1400 [660.7]     | 7982818 |
|                                             |                 | RCF6024STAM | 55500 [16.3]              | 37700 [11.0]            | 17800 [5.2]           | 13.5 | 11.5 | 1400 [660.7]     | 7982828 |
|                                             |                 | RCF6024HTAM | 55500 [16.3]              | 37700 [11.0]            | 17800 [5.2]           | 13.5 | 11.5 | 1400 [660.7]     | 8051697 |
| RA1360AJ1                                   | R802VA100521ZSA | RCF6024STAM | 55500 [16.3]              | 37700 [11.0]            | 17800 [5.2]           | 13.5 | 11.5 | 1400 [660.7]     | 8051709 |
|                                             |                 | RCF6024HTAM | 57500 [16.9]              | 42600 [12.5]            | 14900 [4.4]           | 13.5 | 11.5 | 1775 [837.7]     | 7982820 |
|                                             |                 | RCF6024STAM | 57500 [16.9]              | 42600 [12.5]            | 14900 [4.4]           | 13.5 | 11.5 | 1775 [837.7]     | 7982831 |

[ ] Designates Metric Conversions

## Performance Data @ AHRI Standard Conditions – Cooling (con't.)

| R802V Ultra 2-Stage 80% ECM Furnace Ratings |                 |             |                              |                            |                          |      |      |                     |         |
|---------------------------------------------|-----------------|-------------|------------------------------|----------------------------|--------------------------|------|------|---------------------|---------|
| Outdoor Unit                                | Furnace         | Indoor Coil | Total Capacity<br>BTU/H [kW] | Net Sensible<br>BTU/H [kW] | Net Latent<br>BTU/H [kW] | SEER | EER  | Indoor CFM<br>[L/s] | AHRI#   |
| RA1360AJ1                                   | R802VA125524MXA | RCF6024HTAM | 57500 [16.9]                 | 42600 [12.5]               | 14900 [4.4]              | 13.5 | 11.5 | 1775 [837.7]        | 8051698 |
|                                             |                 | RCF6024STAM | 57500 [16.9]                 | 42600 [12.5]               | 14900 [4.4]              | 13.5 | 11.5 | 1775 [837.7]        | 8051710 |
| RA1360AJ1                                   | R802VA125524ZSA | RCF6024HTAM | 56000 [16.4]                 | 38900 [11.4]               | 17100 [5.0]              | 13.5 | 11.5 | 1500 [707.9]        | 7982822 |
|                                             |                 | RCF6024STAM | 56000 [16.4]                 | 38900 [11.4]               | 17100 [5.0]              | 13.5 | 11.5 | 1500 [707.9]        | 7982833 |
| RA1360AJ1                                   | R802VA125524ZXA | RCF6024HTAM | 56000 [16.4]                 | 38900 [11.4]               | 17100 [5.0]              | 13.5 | 11.5 | 1500 [707.9]        | 8051699 |
|                                             |                 | RCF6024STAM | 56000 [16.4]                 | 38900 [11.4]               | 17100 [5.0]              | 13.5 | 11.5 | 1500 [707.9]        | 8051711 |

[ ] Designates Metric Conversions

## Performance Data @ AHRI Standard Conditions – Cooling (con't.)

| R95T 95% AFUE single-stage Constant Torque Multipurpose Gas Furnace Ratings |                 |             |                              |                            |                          |      |      |                     |         |
|-----------------------------------------------------------------------------|-----------------|-------------|------------------------------|----------------------------|--------------------------|------|------|---------------------|---------|
| Outdoor Unit                                                                | Furnace         | Indoor Coil | Total Capacity<br>BTU/H [kW] | Net Sensible<br>BTU/H [kW] | Net Latent<br>BTU/H [kW] | SEER | EER  | Indoor CFM<br>[L/s] | AHRI#   |
| RA1318AJ1                                                                   | R95TA0401317MSA | RCF2417HTAM | 18000 [5.3]                  | 12900 [3.8]                | 5100 [1.5]               | 14.5 | 12   | 650 [306.8]         | 7507411 |
|                                                                             |                 | RCF2417MTAM | 18000 [5.3]                  | 12900 [3.8]                | 5100 [1.5]               | 14.5 | 12   | 650 [306.8]         | 7507426 |
|                                                                             |                 | RCF2417STAM | 18000 [5.3]                  | 13600 [4.0]                | 4400 [1.3]               | 14.5 | 12   | 650 [306.8]         | 7507442 |
|                                                                             |                 | RCF2421MTAM | 18000 [5.3]                  | 12900 [3.8]                | 5100 [1.5]               | 14.5 | 12   | 650 [306.8]         | 7507474 |
|                                                                             |                 | RCF2421HTAM | 18000 [5.3]                  | 12900 [3.8]                | 5100 [1.5]               | 14.5 | 12   | 650 [306.8]         | 7507455 |
| RA1324AJ1                                                                   | R95TA0401317MSA | RCF2417HTAM | 24000 [7.0]                  | 17300 [5.1]                | 6700 [2.0]               | 14   | 11.5 | 875 [413.0]         | 7507615 |
|                                                                             |                 | RCF2417MTAM | 24000 [7.0]                  | 17300 [5.1]                | 6700 [2.0]               | 14   | 11.5 | 875 [413.0]         | 7507633 |
|                                                                             |                 | RCF2417STAM | 24000 [7.0]                  | 18200 [5.3]                | 5800 [1.7]               | 14   | 11.5 | 850 [401.2]         | 7507652 |
|                                                                             |                 | RCF2421MTAM | 24000 [7.0]                  | 17300 [5.1]                | 6700 [2.0]               | 14   | 11.5 | 875 [413.0]         | 7507693 |
|                                                                             |                 | RCF2417HTAM | 24000 [7.0]                  | 17300 [5.1]                | 6700 [2.0]               | 14   | 11.5 | 850 [401.2]         | 7507616 |
| RA1324AJ1                                                                   | R95TA0601317MSA | RCF2417MTAM | 24000 [7.0]                  | 17300 [5.1]                | 6700 [2.0]               | 14   | 11.5 | 850 [401.2]         | 7507634 |
|                                                                             |                 | RCF2417STAM | 23400 [6.9]                  | 17200 [5.0]                | 6200 [1.8]               | 14   | 11.5 | 700 [330.4]         | 7507653 |
|                                                                             |                 | RCF2421MTAM | 24000 [7.0]                  | 17300 [5.1]                | 6700 [2.0]               | 14   | 11.5 | 850 [401.2]         | 7507694 |
|                                                                             |                 | RCF2417HTAM | 24000 [7.0]                  | 17300 [5.1]                | 6700 [2.0]               | 14   | 11.5 | 850 [401.2]         | 7507617 |
|                                                                             |                 | RCF2417MTAM | 24000 [7.0]                  | 17300 [5.1]                | 6700 [2.0]               | 14   | 11.5 | 850 [401.2]         | 7507635 |
| RA1324AJ1                                                                   | R95TA0701317MSA | RCF2421STAM | 24000 [7.0]                  | 18100 [5.3]                | 5900 [1.7]               | 13.5 | 11.5 | 825 [389.4]         | 7507654 |
|                                                                             |                 | RCF2421MTAM | 24000 [7.0]                  | 17300 [5.1]                | 6700 [2.0]               | 14   | 11.5 | 850 [401.2]         | 7507695 |
|                                                                             |                 | RCF2421HTAM | 24000 [7.0]                  | 17300 [5.1]                | 6700 [2.0]               | 14   | 11.5 | 875 [413.0]         | 7507668 |
|                                                                             |                 | RCF2421MTAM | 24000 [7.0]                  | 17300 [5.1]                | 6700 [2.0]               | 14   | 11.5 | 850 [401.2]         | 7507669 |
|                                                                             |                 | RCF2421HTAM | 24000 [7.0]                  | 17300 [5.1]                | 6700 [2.0]               | 14   | 11.5 | 850 [401.2]         | 7507670 |
| RA1330AJ1                                                                   | R95TA0401317MSA | RCF3617STAM | 28600 [8.4]                  | 21600 [6.3]                | 7000 [2.1]               | 14   | 11.5 | 925 [436.6]         | 7507850 |
|                                                                             |                 | RCF3621HTAM | 30000 [8.8]                  | 22900 [6.7]                | 7100 [2.1]               | 15.1 | 12.5 | 1000 [471.9]        | 8086524 |
|                                                                             |                 | RCF3621MTAM | 30000 [8.8]                  | 22500 [6.6]                | 7500 [2.2]               | 14.5 | 12   | 1100 [519.1]        | 7507870 |
|                                                                             |                 | RCF3621STAM | 28800 [8.4]                  | 21900 [6.4]                | 6900 [2.0]               | 14   | 11.5 | 950 [448.4]         | 7507901 |
|                                                                             |                 | RCF3617STAM | 28800 [8.4]                  | 22100 [6.5]                | 6700 [2.0]               | 13.5 | 11.5 | 1025 [483.7]        | 7507851 |
| RA1330AJ1                                                                   | R95TA0601317MSA | RCF3621HTAM | 30000 [8.8]                  | 22900 [6.7]                | 7100 [2.1]               | 14.5 | 12   | 1075 [507.3]        | 8086525 |
|                                                                             |                 | RCF3621MTAM | 30000 [8.8]                  | 21700 [6.4]                | 8300 [2.4]               | 14.5 | 12   | 900 [424.8]         | 7507871 |
|                                                                             |                 | RCF3621STAM | 29000 [8.5]                  | 22400 [6.6]                | 6600 [1.9]               | 13.5 | 11.5 | 1050 [495.5]        | 7507902 |
|                                                                             |                 | RCF3617STAM | 28400 [8.3]                  | 21400 [6.3]                | 7000 [2.1]               | 13.5 | 11.5 | 925 [436.6]         | 7507852 |
|                                                                             |                 | RCF3621HTAM | 30000 [8.8]                  | 22900 [6.7]                | 7100 [2.1]               | 14.5 | 12   | 975 [460.1]         | 8086526 |
| RA1330AJ1                                                                   | R95TA0701317MSA | RCF3621MTAM | 29800 [8.7]                  | 21400 [6.3]                | 8400 [2.5]               | 14.5 | 12   | 875 [413.0]         | 7507872 |
|                                                                             |                 | RCF3621STAM | 28400 [8.3]                  | 21400 [6.3]                | 7000 [2.1]               | 13.5 | 11.5 | 925 [436.6]         | 7507903 |
|                                                                             |                 | RCF3617STAM | 35000 [10.3]                 | 25000 [7.3]                | 10000 [2.9]              | 13.5 | 11.5 | 1050 [495.5]        | 7508195 |
|                                                                             |                 | RCF3621HTAM | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 15   | 12.5 | 1000 [471.9]        | 8086552 |
|                                                                             |                 | RCF3621MTAM | 36000 [10.6]                 | 24900 [7.3]                | 11100 [3.3]              | 14   | 11.5 | 1175 [554.5]        | 7508215 |
| RA1336AC1                                                                   | R95TA0401317MSA | RCF3621STAM | 35200 [10.3]                 | 25300 [7.4]                | 9900 [2.9]               | 13.5 | 11.5 | 1075 [507.3]        | 7508246 |
|                                                                             |                 | RCF3617STAM | 34800 [10.2]                 | 24500 [7.2]                | 10300 [3.0]              | 13   | 11.5 | 1000 [471.9]        | 7508196 |
|                                                                             |                 | RCF3621HTAM | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 14   | 11.5 | 1075 [507.3]        | 8086553 |
|                                                                             |                 | RCF3621MTAM | 36000 [10.6]                 | 24300 [7.1]                | 11700 [3.4]              | 14   | 11.5 | 1050 [495.5]        | 7508216 |
|                                                                             |                 | RCF3621STAM | 34800 [10.2]                 | 24700 [7.2]                | 10100 [3.0]              | 13   | 11.5 | 1025 [483.7]        | 7508247 |
| RA1336AC1                                                                   | R95TA0601317MSA | RCF3617STAM | 34600 [10.1]                 | 24500 [7.2]                | 10100 [3.0]              | 13   | 11   | 1025 [483.7]        | 7508197 |
|                                                                             |                 | RCF3621HTAM | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 14.5 | 12   | 975 [460.1]         | 8086554 |
|                                                                             |                 | RCF3621MTAM | 36000 [10.6]                 | 24500 [7.2]                | 11500 [3.4]              | 14   | 11.5 | 1075 [507.3]        | 7508217 |
|                                                                             |                 | RCF3621STAM | 34200 [10.0]                 | 23700 [6.9]                | 10500 [3.1]              | 13   | 11.5 | 925 [436.6]         | 7508248 |
|                                                                             |                 | RCF3624HTAM | 36000 [10.6]                 | 25600 [7.5]                | 10400 [3.0]              | 14   | 11.5 | 1325 [625.3]        | 7508277 |
| RA1336AC1                                                                   | R95TA1151524MSA | RCF3624MTAM | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 13.5 | 11.5 | 1275 [601.7]        | 7508304 |

[ ] Designates Metric Conversions

## Performance Data @ AHRI Standard Conditions – Cooling (con't.)

| R95T 95% AFUE single-stage Constant Torque Multipipe Gas Furnace Ratings |                 |             |                              |                            |                          |      |      |                     |         |
|--------------------------------------------------------------------------|-----------------|-------------|------------------------------|----------------------------|--------------------------|------|------|---------------------|---------|
| Outdoor Unit                                                             | Furnace         | Indoor Coil | Total Capacity<br>BTU/H [kW] | Net Sensible<br>BTU/H [kW] | Net Latent<br>BTU/H [kW] | SEER | EER  | Indoor CFM<br>[L/s] | AHRI#   |
| RA1336AJ1                                                                | R95TA0401317MSA | RCF3617STAM | 35000 [10.3]                 | 25000 [7.3]                | 10000 [2.9]              | 13.5 | 11.5 | 1050 [495.5]        | 7508561 |
|                                                                          |                 | RCF3621HTAM | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 15   | 12.5 | 1000 [471.9]        | 8086580 |
|                                                                          |                 | RCF3621MTAM | 36000 [10.6]                 | 24900 [7.3]                | 11100 [3.3]              | 14   | 11.5 | 1175 [554.5]        | 7508581 |
|                                                                          |                 | RCF3621STAM | 35200 [10.3]                 | 25300 [7.4]                | 9900 [2.9]               | 13.5 | 11.5 | 1075 [507.3]        | 7508612 |
| RA1336AJ1                                                                | R95TA0501317MSA | RCF3617STAM | 34800 [10.2]                 | 24500 [7.2]                | 10300 [3.0]              | 13   | 11.5 | 1000 [471.9]        | 7508562 |
|                                                                          |                 | RCF3621HTAM | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 14   | 11.5 | 1075 [507.3]        | 8086581 |
|                                                                          |                 | RCF3621MTAM | 36000 [10.6]                 | 24300 [7.1]                | 11700 [3.4]              | 14   | 11.5 | 1050 [495.5]        | 7508582 |
|                                                                          |                 | RCF3621STAM | 34800 [10.2]                 | 24700 [7.2]                | 10100 [3.0]              | 13   | 11.5 | 1025 [483.7]        | 7508613 |
| RA1336AJ1                                                                | R95TA0701317MSA | RCF3617STAM | 34600 [10.1]                 | 24500 [7.2]                | 10100 [3.0]              | 13   | 11   | 1025 [483.7]        | 7508563 |
|                                                                          |                 | RCF3621HTAM | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 14.5 | 12   | 975 [460.1]         | 8086582 |
|                                                                          |                 | RCF3621MTAM | 36000 [10.6]                 | 24500 [7.2]                | 11500 [3.4]              | 14   | 11.5 | 1075 [507.3]        | 7508583 |
|                                                                          |                 | RCF3621STAM | 34200 [10.0]                 | 23700 [6.9]                | 10500 [3.1]              | 13   | 11.5 | 925 [436.6]         | 7508614 |
| RA1336AJ1                                                                | R95TA1151524MSA | RCF3624HTAM | 36000 [10.6]                 | 26600 [7.5]                | 10400 [3.0]              | 14   | 11.5 | 1325 [625.3]        | 7508643 |
|                                                                          |                 | RCF3624MTAM | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 13.5 | 11.5 | 1275 [601.7]        | 7508670 |
| RA1342AC1                                                                | R95TA0401317MSA | RCF4821MTAM | 40500 [11.9]                 | 27300 [8.0]                | 13200 [3.9]              | 14   | 11.5 | 1125 [530.9]        | 8086612 |
|                                                                          |                 | RCF4821STAM | 39500 [11.6]                 | 28100 [8.2]                | 11400 [3.3]              | 13.5 | 11.5 | 1175 [554.5]        | 7511564 |
| RA1342AC1                                                                | R95TA0601317MSA | RCF4821MTAM | 40000 [11.7]                 | 26500 [7.8]                | 13500 [4.0]              | 13.5 | 11.5 | 1075 [507.3]        | 8086613 |
|                                                                          |                 | RCF4821STAM | 39000 [11.4]                 | 26900 [7.9]                | 12100 [3.5]              | 13.5 | 11.5 | 1050 [495.5]        | 7511565 |
| RA1342AC1                                                                | R95TA0701317MSA | RCF4821MTAM | 40000 [11.7]                 | 26500 [7.8]                | 13500 [4.0]              | 13.5 | 11.5 | 1075 [507.3]        | 8086614 |
|                                                                          |                 | RCF4821STAM | 39000 [11.4]                 | 27300 [8.0]                | 11700 [3.4]              | 13   | 11.5 | 1125 [530.9]        | 7511566 |
| RA1342AC1                                                                | R95TA0851521MSA | RCF4821MTAM | 41000 [12.0]                 | 29000 [8.5]                | 12000 [3.5]              | 13.5 | 11.5 | 1350 [637.1]        | 8086615 |
|                                                                          |                 | RCF4821STAM | 40000 [11.7]                 | 29400 [8.6]                | 10600 [3.1]              | 13   | 11.5 | 1325 [625.3]        | 7511567 |
|                                                                          |                 | RCF4824HTAM | 42000 [12.3]                 | 30500 [8.9]                | 11500 [3.4]              | 13.5 | 11.5 | 1500 [707.9]        | 7511594 |
|                                                                          |                 | RCF4824STAM | 40000 [11.7]                 | 29400 [8.6]                | 10600 [3.1]              | 13   | 11.5 | 1325 [625.3]        | 7511622 |
| RA1342AC1                                                                | R95TA1001521MSA | RCF4821MTAM | 41000 [12.0]                 | 29200 [8.6]                | 11800 [3.5]              | 13.5 | 11.5 | 1425 [672.5]        | 8086616 |
|                                                                          |                 | RCF4821STAM | 40500 [11.9]                 | 30300 [8.9]                | 10200 [3.0]              | 13   | 11.5 | 1400 [660.7]        | 7511568 |
|                                                                          |                 | RCF4824HTAM | 42000 [12.3]                 | 30200 [8.9]                | 11800 [3.5]              | 13.5 | 11.5 | 1450 [684.3]        | 7511595 |
|                                                                          |                 | RCF4824STAM | 40500 [11.9]                 | 30300 [8.9]                | 10200 [3.0]              | 13   | 11.5 | 1400 [660.7]        | 7511623 |
| RA1342AC1                                                                | R95TA1151524MSA | RCF4824HTAM | 42000 [12.3]                 | 30200 [8.9]                | 11800 [3.5]              | 13.5 | 11.5 | 1450 [684.3]        | 7511596 |
|                                                                          |                 | RCF4824STAM | 40500 [11.9]                 | 30300 [8.9]                | 10200 [3.0]              | 13   | 11.5 | 1425 [672.5]        | 7511624 |
| RA1342AJ1                                                                | R95TA0401317MSA | RCF4821MTAM | 40500 [11.9]                 | 27300 [8.0]                | 13200 [3.9]              | 14   | 11.5 | 1125 [530.9]        | 8086668 |
|                                                                          |                 | RCF4821STAM | 39500 [11.6]                 | 28100 [8.2]                | 11400 [3.3]              | 13.5 | 11.5 | 1175 [554.5]        | 7511798 |
| RA1342AJ1                                                                | R95TA0601317MSA | RCF4821MTAM | 40000 [11.7]                 | 26500 [7.8]                | 13500 [4.0]              | 13.5 | 11.5 | 1075 [507.3]        | 8086669 |
|                                                                          |                 | RCF4821STAM | 39000 [11.4]                 | 26900 [7.9]                | 12100 [3.5]              | 13.5 | 11.5 | 1050 [495.5]        | 7511799 |
| RA1342AJ1                                                                | R95TA0701317MSA | RCF4821MTAM | 40000 [11.7]                 | 26500 [7.8]                | 13500 [4.0]              | 13.5 | 11.5 | 1075 [507.3]        | 8086670 |
|                                                                          |                 | RCF4821STAM | 39000 [11.4]                 | 27300 [8.0]                | 11700 [3.4]              | 13   | 11.5 | 1125 [530.9]        | 7511800 |
| RA1342AJ1                                                                | R95TA0851521MSA | RCF4821MTAM | 41000 [12.0]                 | 29000 [8.5]                | 12000 [3.5]              | 13.5 | 11.5 | 1350 [637.1]        | 8086671 |
|                                                                          |                 | RCF4821STAM | 40000 [11.7]                 | 29400 [8.6]                | 10600 [3.1]              | 13   | 11.5 | 1325 [625.3]        | 7511801 |
|                                                                          |                 | RCF4824HTAM | 42000 [12.3]                 | 30500 [8.9]                | 11500 [3.4]              | 13.5 | 11.5 | 1500 [707.9]        | 7511828 |
|                                                                          |                 | RCF4824STAM | 40000 [11.7]                 | 29400 [8.6]                | 10600 [3.1]              | 13   | 11.5 | 1325 [625.3]        | 7511856 |
| RA1342AJ1                                                                | R95TA1001521MSA | RCF4821MTAM | 41000 [12.0]                 | 29200 [8.6]                | 11800 [3.5]              | 13.5 | 11.5 | 1425 [672.5]        | 8086672 |
|                                                                          |                 | RCF4821STAM | 40500 [11.9]                 | 30300 [8.9]                | 10200 [3.0]              | 13   | 11.5 | 1400 [660.7]        | 7511802 |
|                                                                          |                 | RCF4824HTAM | 42000 [12.3]                 | 30200 [8.9]                | 11800 [3.5]              | 13.5 | 11.5 | 1450 [684.3]        | 7511829 |
|                                                                          |                 | RCF4824STAM | 40500 [11.9]                 | 30300 [8.9]                | 10200 [3.0]              | 13   | 11.5 | 1400 [660.7]        | 7511857 |
| RA1342AJ1                                                                | R95TA1151524MSA | RCF4824HTAM | 42000 [12.3]                 | 30200 [8.9]                | 11800 [3.5]              | 13.5 | 11.5 | 1450 [684.3]        | 7511830 |
|                                                                          |                 | RCF4824STAM | 40500 [11.9]                 | 30300 [8.9]                | 10200 [3.0]              | 13   | 11.5 | 1425 [672.5]        | 7511858 |

[ ] Designates Metric Conversions

## Performance Data @ AHRI Standard Conditions – Cooling (con't.)

| R95T 95% AFUE single-stage Constant Torque Multiphase Gas Furnace Ratings |                 |             |                              |                            |                          |      |      |                     |         |
|---------------------------------------------------------------------------|-----------------|-------------|------------------------------|----------------------------|--------------------------|------|------|---------------------|---------|
| Outdoor Unit                                                              | Furnace         | Indoor Coil | Total Capacity<br>BTU/H [kW] | Net Sensible<br>BTU/H [kW] | Net Latent<br>BTU/H [kW] | SEER | EER  | Indoor CFM<br>[L/s] | AHRI#   |
| RA1348AC1                                                                 | R95TA0851521MSA | RCF4821MTAM | 48000 [14.1]                 | 34400 [10.1]               | 13600 [4.0]              | 13   | 11.5 | 1475 [696.1]        | 8086722 |
|                                                                           |                 | RCF4821STAM | 46500 [13.6]                 | 31900 [9.3]                | 14600 [4.3]              | 13   | 11   | 1300 [613.5]        | 7508928 |
|                                                                           |                 | RCF4824HTAM | 48000 [14.1]                 | 31700 [9.3]                | 16300 [4.8]              | 13.5 | 11.5 | 1350 [637.1]        | 7508944 |
|                                                                           |                 | RCF4824STAM | 46500 [13.6]                 | 31900 [9.3]                | 14600 [4.3]              | 13   | 11   | 1300 [613.5]        | 7508982 |
| RA1348AC1                                                                 | R95TA1001521MSA | RCF4821MTAM | 48000 [14.1]                 | 34400 [10.1]               | 13600 [4.0]              | 13   | 11.5 | 1525 [719.7]        | 8086723 |
|                                                                           |                 | RCF4821STAM | 47000 [13.8]                 | 32800 [9.6]                | 14200 [4.2]              | 13   | 11   | 1375 [648.9]        | 7508929 |
|                                                                           |                 | RCF4824HTAM | 48000 [14.1]                 | 32200 [9.4]                | 15800 [4.6]              | 13.5 | 11.5 | 1425 [672.5]        | 7508945 |
|                                                                           |                 | RCF4824STAM | 47000 [13.8]                 | 32800 [9.6]                | 14200 [4.2]              | 13   | 11   | 1375 [648.9]        | 7508984 |
| RA1348AC1                                                                 | R95TA1151524MSA | RCF4824HTAM | 48000 [14.1]                 | 33400 [9.8]                | 14600 [4.3]              | 13   | 11.5 | 1600 [755.1]        | 7508946 |
|                                                                           |                 | RCF4824STAM | 46500 [13.6]                 | 31700 [9.3]                | 14800 [4.3]              | 13   | 11.5 | 1275 [601.7]        | 7508986 |
| RA1348AJ1                                                                 | R95TA0851521MSA | RCF4821MTAM | 48000 [14.1]                 | 34400 [10.1]               | 13600 [4.0]              | 13   | 11.5 | 1475 [696.1]        | 8086758 |
|                                                                           |                 | RCF4821STAM | 46500 [13.6]                 | 31900 [9.3]                | 14600 [4.3]              | 13   | 11   | 1300 [613.5]        | 7509153 |
|                                                                           |                 | RCF4824HTAM | 48000 [14.1]                 | 31700 [9.3]                | 16300 [4.8]              | 13.5 | 11.5 | 1350 [637.1]        | 7509169 |
|                                                                           |                 | RCF4824STAM | 46500 [13.6]                 | 31900 [9.3]                | 14600 [4.3]              | 13   | 11   | 1300 [613.5]        | 7509194 |
| RA1348AJ1                                                                 | R95TA1001521MSA | RCF4821MTAM | 48000 [14.1]                 | 34400 [10.1]               | 13600 [4.0]              | 13   | 11.5 | 1525 [719.7]        | 8086759 |
|                                                                           |                 | RCF4821STAM | 47000 [13.8]                 | 32800 [9.6]                | 14200 [4.2]              | 13   | 11   | 1375 [648.9]        | 7509154 |
|                                                                           |                 | RCF4824HTAM | 48000 [14.1]                 | 32200 [9.4]                | 15800 [4.6]              | 13.5 | 11.5 | 1425 [672.5]        | 7509170 |
|                                                                           |                 | RCF4824STAM | 47000 [13.8]                 | 32800 [9.6]                | 14200 [4.2]              | 13   | 11   | 1375 [648.9]        | 7509195 |
| RA1348AJ1                                                                 | R95TA1151524MSA | RCF4824HTAM | 48000 [14.1]                 | 33400 [9.8]                | 14600 [4.3]              | 13   | 11.5 | 1600 [755.1]        | 7509171 |
|                                                                           |                 | RCF4824STAM | 46500 [13.6]                 | 31700 [9.3]                | 14800 [4.3]              | 13   | 11.5 | 1275 [601.7]        | 7509196 |
| RA1360AC1                                                                 | R95TA0851521MSA | RCF6021STAM | 53500 [15.7]                 | 34400 [10.1]               | 19100 [5.6]              | 13   | 11   | 1375 [648.9]        | 8086790 |
|                                                                           |                 | RCF6024HTAM | 55500 [16.3]                 | 38200 [11.2]               | 17300 [5.1]              | 13   | 11   | 1475 [696.1]        | 7509296 |
|                                                                           |                 | RCF6024STAM | 55500 [16.3]                 | 38200 [11.2]               | 17300 [5.1]              | 13   | 11   | 1475 [696.1]        | 7509320 |
| RA1360AC1                                                                 | R95TA1001521MSA | RCF6021STAM | 53500 [15.7]                 | 34800 [10.2]               | 18700 [5.5]              | 13   | 11   | 1425 [672.5]        | 8086791 |
|                                                                           |                 | RCF6024HTAM | 56000 [16.4]                 | 39300 [11.5]               | 16700 [4.9]              | 13   | 11   | 1550 [731.5]        | 7509297 |
|                                                                           |                 | RCF6024STAM | 56000 [16.4]                 | 39300 [11.5]               | 16700 [4.9]              | 13   | 11   | 1550 [731.5]        | 7509321 |
| RA1360AC1                                                                 | R95TA1151524MSA | RCF6024HTAM | 55500 [16.3]                 | 37900 [11.1]               | 17600 [5.2]              | 13   | 11   | 1425 [672.5]        | 7509298 |
|                                                                           |                 | RCF6024STAM | 55500 [16.3]                 | 37900 [11.1]               | 17600 [5.2]              | 13   | 11   | 1425 [672.5]        | 7509322 |
|                                                                           |                 | RCF6021STAM | 53500 [15.7]                 | 34400 [10.1]               | 19100 [5.6]              | 13   | 11   | 1375 [648.9]        | 8086808 |
| RA1360AJ1                                                                 | R95TA0851521MSA | RCF6024HTAM | 55500 [16.3]                 | 38200 [11.2]               | 17300 [5.1]              | 13   | 11   | 1475 [696.1]        | 7509418 |
|                                                                           |                 | RCF6024STAM | 55500 [16.3]                 | 38200 [11.2]               | 17300 [5.1]              | 13   | 11   | 1475 [696.1]        | 7509442 |
|                                                                           |                 | RCF6021STAM | 53500 [15.7]                 | 34800 [10.2]               | 18700 [5.5]              | 13   | 11   | 1425 [672.5]        | 8086809 |
| RA1360AJ1                                                                 | R95TA1001521MSA | RCF6024HTAM | 56000 [16.4]                 | 39300 [11.5]               | 16700 [4.9]              | 13   | 11   | 1550 [731.5]        | 7509419 |
|                                                                           |                 | RCF6024STAM | 56000 [16.4]                 | 39300 [11.5]               | 16700 [4.9]              | 13   | 11   | 1550 [731.5]        | 7509443 |
| RA1360AJ1                                                                 | R95TA1151524MSA | RCF6024HTAM | 55500 [16.3]                 | 37900 [11.1]               | 17600 [5.2]              | 13   | 11   | 1425 [672.5]        | 7509420 |
|                                                                           |                 | RCF6024STAM | 55500 [16.3]                 | 37900 [11.1]               | 17600 [5.2]              | 13   | 11   | 1425 [672.5]        | 7509444 |

[ ] Designates Metric Conversions

## Performance Data @ AHRI Standard Conditions – Cooling (con't.)

| R95V 96% AFUE 2-stage Variable Speed Multipoise Gas Furnace Ratings |                 |             |                           |                         |                       |      |      |                  |         |
|---------------------------------------------------------------------|-----------------|-------------|---------------------------|-------------------------|-----------------------|------|------|------------------|---------|
| Outdoor Unit                                                        | Furnace         | Indoor Coil | Total Capacity BTU/H [kW] | Net Sensible BTU/H [kW] | Net Latent BTU/H [kW] | SEER | EER  | Indoor CFM [L/s] | AHRI#   |
| RA1318AJ1                                                           | R96VA0402317MSA | RCF2417HTAM | 18000 [5.3]               | 13400 [3.9]             | 4600 [1.3]            | 14.5 | 12   | 675 [318.6]      | 7982148 |
|                                                                     |                 | RCF2417MTAM | 18000 [5.3]               | 13400 [3.9]             | 4600 [1.3]            | 14.5 | 12   | 675 [318.6]      | 7982157 |
|                                                                     |                 | RCF2417STAM | 18000 [5.3]               | 13400 [3.9]             | 4600 [1.3]            | 14.5 | 12   | 675 [318.6]      | 7982166 |
|                                                                     |                 | RCF2421MTAM | 18000 [5.3]               | 13400 [3.9]             | 4600 [1.3]            | 14.5 | 12   | 675 [318.6]      | 7982184 |
| RA1318AJ1                                                           | R96VA0602317MSA | RCF2417HTAM | 18000 [5.3]               | 13400 [3.9]             | 4600 [1.3]            | 14.5 | 12   | 650 [306.8]      | 8050160 |
|                                                                     |                 | RCF2417MTAM | 18000 [5.3]               | 13400 [3.9]             | 4600 [1.3]            | 14.5 | 12   | 650 [306.8]      | 8050167 |
|                                                                     |                 | RCF2417STAM | 18000 [5.3]               | 13400 [3.9]             | 4600 [1.3]            | 14   | 11.5 | 650 [306.8]      | 8050174 |
|                                                                     |                 | RCF2421MTAM | 18000 [5.3]               | 13400 [3.9]             | 4600 [1.3]            | 14.5 | 12   | 650 [306.8]      | 8050188 |
| RA1318AJ1                                                           | R96VA0702317MSA | RCF2417HTAM | 18000 [5.3]               | 13400 [3.9]             | 4600 [1.3]            | 14.5 | 12   | 650 [306.8]      | 8050161 |
|                                                                     |                 | RCF2417MTAM | 18000 [5.3]               | 13400 [3.9]             | 4600 [1.3]            | 14.5 | 12   | 650 [306.8]      | 8050168 |
|                                                                     |                 | RCF2417STAM | 18000 [5.3]               | 13400 [3.9]             | 4600 [1.3]            | 14.5 | 12   | 650 [306.8]      | 8050175 |
|                                                                     |                 | RCF2421MTAM | 18000 [5.3]               | 13400 [3.9]             | 4600 [1.3]            | 14.5 | 12   | 650 [306.8]      | 8050189 |
| RA1318AJ1                                                           | R96VA0402317MSA | RCF2421HTAM | 18000 [5.3]               | 13400 [3.9]             | 4600 [1.3]            | 14.5 | 12   | 675 [318.6]      | 7982175 |
| RA1318AJ1                                                           | R96VA0602317MSA | RCF2421HTAM | 18000 [5.3]               | 13400 [3.9]             | 4600 [1.3]            | 14.5 | 12   | 650 [306.8]      | 8050181 |
| RA1318AJ1                                                           | R96VA0702317MSA | RCF2421HTAM | 18000 [5.3]               | 13400 [3.9]             | 4600 [1.3]            | 14.5 | 12   | 650 [306.8]      | 8050182 |
| RA1324AJ1                                                           | R96VA0402317MSA | RCF2417HTAM | 24000 [7.0]               | 17900 [5.2]             | 6100 [1.8]            | 14   | 11.5 | 875 [413.0]      | 7982246 |
|                                                                     |                 | RCF2417MTAM | 24000 [7.0]               | 17900 [5.2]             | 6100 [1.8]            | 14   | 11.5 | 875 [413.0]      | 7982255 |
|                                                                     |                 | RCF2417STAM | 24000 [7.0]               | 17900 [5.2]             | 6100 [1.8]            | 14   | 11.5 | 875 [413.0]      | 7982264 |
|                                                                     |                 | RCF2421MTAM | 24000 [7.0]               | 17900 [5.2]             | 6100 [1.8]            | 14   | 11.5 | 875 [413.0]      | 7982282 |
| RA1324AJ1                                                           | R96VA0602317MSA | RCF2417HTAM | 24000 [7.0]               | 17900 [5.2]             | 6100 [1.8]            | 14   | 11.5 | 850 [401.2]      | 8050237 |
|                                                                     |                 | RCF2417MTAM | 24000 [7.0]               | 17900 [5.2]             | 6100 [1.8]            | 14   | 11.5 | 850 [401.2]      | 8050244 |
|                                                                     |                 | RCF2417STAM | 23800 [7.0]               | 17800 [5.2]             | 6000 [1.8]            | 14   | 11.5 | 775 [365.8]      | 8050252 |
|                                                                     |                 | RCF2421MTAM | 24000 [7.0]               | 17900 [5.2]             | 6100 [1.8]            | 14   | 11.5 | 775 [365.8]      | 8050270 |
| RA1324AJ1                                                           | R96VA0702317MSA | RCF2417HTAM | 24000 [7.0]               | 17900 [5.2]             | 6100 [1.8]            | 14   | 11.5 | 875 [413.0]      | 8050238 |
|                                                                     |                 | RCF2417MTAM | 24000 [7.0]               | 17900 [5.2]             | 6100 [1.8]            | 14   | 11.5 | 875 [413.0]      | 8050245 |
|                                                                     |                 | RCF2417STAM | 24000 [7.0]               | 17900 [5.2]             | 6100 [1.8]            | 14   | 11.5 | 875 [413.0]      | 8050253 |
|                                                                     |                 | RCF2421MTAM | 24000 [7.0]               | 17900 [5.2]             | 6100 [1.8]            | 14   | 11.5 | 875 [413.0]      | 8050271 |
| RA1324AJ1                                                           | R96VA0402317MSA | RCF2421HTAM | 24000 [7.0]               | 17900 [5.2]             | 6100 [1.8]            | 14   | 11.5 | 875 [413.0]      | 7982276 |
| RA1324AJ1                                                           | R96VA0602317MSA | RCF2421HTAM | 24000 [7.0]               | 17900 [5.2]             | 6100 [1.8]            | 14   | 11.5 | 775 [365.8]      | 8050261 |
| RA1324AJ1                                                           | R96VA0702317MSA | RCF2421HTAM | 24000 [7.0]               | 17900 [5.2]             | 6100 [1.8]            | 14   | 11.5 | 875 [413.0]      | 8050262 |
| RA1330AJ1                                                           | R96VA0402317MSA | RCF3617STAM | 28600 [8.4]               | 21700 [6.4]             | 6900 [2.0]            | 14   | 11.5 | 950 [448.4]      | 7982310 |
|                                                                     |                 | RCF3621HTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 15.1 | 12.5 | 875 [413.0]      | 8086527 |
|                                                                     |                 | RCF3621MTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 14.5 | 12   | 950 [448.4]      | 7982317 |
|                                                                     |                 | RCF3621STAM | 28600 [8.4]               | 21700 [6.4]             | 6900 [2.0]            | 14   | 11.5 | 950 [448.4]      | 7982324 |
| RA1330AJ1                                                           | R96VA0602317MSA | RCF3621HTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 14.5 | 12   | 1050 [495.5]     | 8086528 |
| RA1330AJ1                                                           | R96VA0702317MSA | RCF3617STAM | 28600 [8.4]               | 21700 [6.4]             | 6900 [2.0]            | 14   | 11.5 | 950 [448.4]      | 8050319 |
|                                                                     |                 | RCF3621HTAM | 29800 [8.7]               | 21300 [6.2]             | 8500 [2.5]            | 15.1 | 12.5 | 800 [377.6]      | 8086529 |
|                                                                     |                 | RCF3621MTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 14.5 | 12   | 950 [448.4]      | 8050333 |
|                                                                     |                 | RCF3621STAM | 28600 [8.4]               | 21700 [6.4]             | 6900 [2.0]            | 14   | 11.5 | 950 [448.4]      | 8050347 |
| RA1330AJ1                                                           | R96VA0852521MSB | RCF3621HTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 15.1 | 12.5 | 975 [460.1]      | 8086530 |
| RA1330AJ1                                                           | R96VA1002521MSA | RCF3621HTAM | 30000 [8.8]               | 22900 [6.7]             | 7100 [2.1]            | 15.1 | 12.5 | 1050 [495.5]     | 8086531 |
| RA1336AC1                                                           | R96VA0402317MSA | RCF3617STAM | 34800 [10.2]              | 24700 [7.2]             | 10100 [3.0]           | 13.5 | 11.5 | 1025 [483.7]     | 7982372 |
|                                                                     |                 | RCF3621HTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1125 [530.9]     | 8086555 |
|                                                                     |                 | RCF3621MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14   | 11.5 | 1125 [530.9]     | 7982379 |
|                                                                     |                 | RCF3621STAM | 34800 [10.2]              | 24700 [7.2]             | 10100 [3.0]           | 13.5 | 11.5 | 1025 [483.7]     | 7982386 |
| RA1336AC1                                                           | R96VA0602317MSA | RCF3617STAM | 34600 [10.1]              | 24300 [7.1]             | 10300 [3.0]           | 13   | 11.5 | 975 [460.1]      | 8050445 |
|                                                                     |                 | RCF3621HTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 975 [460.1]      | 8086556 |
|                                                                     |                 | RCF3621MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14   | 11.5 | 1050 [495.5]     | 8050460 |
|                                                                     |                 | RCF3621STAM | 34400 [10.1]              | 24000 [7.0]             | 10400 [3.0]           | 13.5 | 11.5 | 950 [448.4]      | 8050476 |

[ J ] Designates Metric Conversions

## Performance Data @ AHRI Standard Conditions – Cooling (con't.)

| R96V, 96% AFUE 2-stage Variable Speed Multipoint Gas Furnace Ratings |                 |             |                           |                         |                       |      |      |                  |         |
|----------------------------------------------------------------------|-----------------|-------------|---------------------------|-------------------------|-----------------------|------|------|------------------|---------|
| Outdoor Unit                                                         | Furnace         | Indoor Coil | Total Capacity BTU/H [kW] | Net Sensible BTU/H [kW] | Net Latent BTU/H [kW] | SEER | EER  | Indoor CFM [L/s] | AHRI#   |
| RA1336AC1                                                            | R96VA0702317MSA | RCF3617STAM | 34400 [10.1]              | 24000 [7.0]             | 10400 [3.0]           | 13.5 | 11.5 | 950 [448.4]      | 8050446 |
|                                                                      |                 | RCF3621HTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1050 [495.5]     | 8086557 |
|                                                                      |                 | RCF3621MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14   | 11.5 | 1150 [542.7]     | 8050461 |
|                                                                      |                 | RCF3621STAM | 34600 [10.1]              | 24200 [7.1]             | 10400 [3.0]           | 13.5 | 11.5 | 950 [448.4]      | 8050477 |
| RA1336AC1                                                            | R96VA0852521MSB | RCF3621HTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1275 [601.7]     | 8086558 |
|                                                                      |                 | RCF3621MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1025 [483.7]     | 8050462 |
|                                                                      |                 | RCF3621STAM | 35600 [10.4]              | 26000 [7.6]             | 9600 [2.8]            | 13.5 | 11.5 | 1150 [542.7]     | 8050478 |
|                                                                      |                 | RCF3624HTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 15   | 12.5 | 1075 [507.3]     | 8050491 |
| RA1336AC1                                                            | R96VA1002521MSA | RCF3624MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1025 [483.7]     | 8050504 |
|                                                                      |                 | RCF3621HTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 15   | 12.5 | 1000 [471.9]     | 8086559 |
| RA1336AJ1                                                            | R96VA0402317MSA | RCF3617STAM | 34800 [10.2]              | 24700 [7.2]             | 10100 [3.0]           | 13.5 | 11.5 | 1025 [483.7]     | 7982429 |
|                                                                      |                 | RCF3621HTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1125 [530.9]     | 8086583 |
|                                                                      |                 | RCF3621MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14   | 11.5 | 1125 [530.9]     | 7982436 |
|                                                                      |                 | RCF3621STAM | 34800 [10.2]              | 24700 [7.2]             | 10100 [3.0]           | 13.5 | 11.5 | 1025 [483.7]     | 7982443 |
| RA1336AJ1                                                            | R96VA0602317MSA | RCF3617STAM | 34600 [10.1]              | 24300 [7.1]             | 10300 [3.0]           | 13   | 11.5 | 975 [460.1]      | 8050590 |
|                                                                      |                 | RCF3621HTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 975 [460.1]      | 8086584 |
|                                                                      |                 | RCF3621MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14   | 11.5 | 1050 [495.5]     | 8050605 |
|                                                                      |                 | RCF3621STAM | 34400 [10.1]              | 24000 [7.0]             | 10400 [3.0]           | 13.5 | 11.5 | 950 [448.4]      | 8050622 |
| RA1336AJ1                                                            | R96VA0702317MSA | RCF3617STAM | 34400 [10.1]              | 24000 [7.0]             | 10400 [3.0]           | 13.5 | 11.5 | 950 [448.4]      | 8050591 |
|                                                                      |                 | RCF3621HTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1050 [495.5]     | 8086585 |
|                                                                      |                 | RCF3621MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14   | 11.5 | 1150 [542.7]     | 8050606 |
|                                                                      |                 | RCF3621STAM | 34600 [10.1]              | 24200 [7.1]             | 10400 [3.0]           | 13.5 | 11.5 | 950 [448.4]      | 8050623 |
| RA1336AJ1                                                            | R96VA0852521MSB | RCF3621HTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1275 [601.7]     | 8086586 |
|                                                                      |                 | RCF3621MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1025 [483.7]     | 8050607 |
|                                                                      |                 | RCF3621STAM | 35600 [10.4]              | 26000 [7.6]             | 9600 [2.8]            | 13.5 | 11.5 | 1150 [542.7]     | 8050624 |
|                                                                      |                 | RCF3624HTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 15   | 12.5 | 1075 [507.3]     | 8050649 |
| RA1336AJ1                                                            | R96VA1002521MSA | RCF3624MTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 14.5 | 12   | 1025 [483.7]     | 8050684 |
|                                                                      |                 | RCF3621HTAM | 36000 [10.6]              | 25400 [7.4]             | 10600 [3.1]           | 15   | 12.5 | 1000 [471.9]     | 8086587 |
| RA1342AC1                                                            | R96VA0402317MSA | RCF4821MTAM | 40000 [11.7]              | 26800 [7.9]             | 13200 [3.9]           | 13.5 | 11.5 | 1125 [530.9]     | 8086617 |
| RA1342AC1                                                            | R96VA0602317MSA | RCF4821MTAM | 40000 [11.7]              | 26800 [7.9]             | 13200 [3.9]           | 13.5 | 11.5 | 1125 [530.9]     | 8086618 |
| RA1342AC1                                                            | R96VA0702317MSA | RCF4821MTAM | 40500 [11.9]              | 27400 [8.0]             | 13100 [3.8]           | 13.5 | 11.5 | 1150 [542.7]     | 8086619 |
| RA1342AC1                                                            | R96VA0852521MSB | RCF4821MTAM | 40500 [11.9]              | 27800 [8.1]             | 12700 [3.7]           | 14   | 11.5 | 1225 [578.1]     | 8086620 |
|                                                                      |                 | RCF4821STAM | 40000 [11.7]              | 29100 [8.5]             | 10900 [3.2]           | 13.5 | 11.5 | 1275 [601.7]     | 8049110 |
|                                                                      |                 | RCF4824HTAM | 41500 [12.2]              | 28900 [8.5]             | 12600 [3.7]           | 14   | 11.5 | 1300 [613.5]     | 8049116 |
|                                                                      |                 | RCF4824STAM | 40000 [11.7]              | 29100 [8.5]             | 10900 [3.2]           | 13.5 | 11.5 | 1275 [601.7]     | 8049121 |
| RA1342AC1                                                            | R96VA1002521MSA | RCF4821MTAM | 41000 [12.0]              | 28400 [8.3]             | 12600 [3.7]           | 14   | 11.5 | 1250 [589.9]     | 8086621 |
|                                                                      |                 | RCF4821STAM | 40500 [11.9]              | 30000 [8.8]             | 10500 [3.1]           | 13.5 | 11.5 | 1350 [637.1]     | 8049111 |
|                                                                      |                 | RCF4824HTAM | 42000 [12.3]              | 29900 [8.8]             | 12100 [3.5]           | 14   | 11.5 | 1400 [660.7]     | 8049117 |
|                                                                      |                 | RCF4824STAM | 40000 [11.9]              | 30000 [8.8]             | 10500 [3.1]           | 13.5 | 11.5 | 1350 [637.1]     | 8049122 |
| RA1342AC1                                                            | R96VA1152524MSA | RCF4824HTAM | 41500 [12.2]              | 28600 [8.4]             | 12900 [3.8]           | 14.5 | 12   | 1250 [589.9]     | 8049118 |
| RA1342AJ1                                                            | R96VA1002317MSA | RCF4824STAM | 40000 [11.7]              | 29000 [8.5]             | 11000 [3.2]           | 14   | 11.5 | 1250 [589.9]     | 8049123 |
|                                                                      |                 | RCF4821MTAM | 40000 [11.7]              | 26800 [7.9]             | 13200 [3.9]           | 13.5 | 11.5 | 1125 [530.9]     | 8086673 |
|                                                                      |                 | RCF4821MTAM | 40000 [11.7]              | 26800 [7.9]             | 13200 [3.9]           | 13.5 | 11.5 | 1125 [530.9]     | 8086674 |
|                                                                      |                 | RCF4821MTAM | 40000 [11.9]              | 27400 [8.0]             | 13100 [3.8]           | 13.5 | 11.5 | 1150 [542.7]     | 8086675 |
| RA1342AJ1                                                            | R96VA0702317MSA | RCF4821MTAM | 40500 [11.9]              | 27800 [8.1]             | 12700 [3.7]           | 14   | 11.5 | 1225 [578.1]     | 8086676 |
|                                                                      |                 | RCF4821STAM | 40000 [11.7]              | 29100 [8.5]             | 10900 [3.2]           | 13.5 | 11.5 | 1275 [601.7]     | 8049142 |
|                                                                      |                 | RCF4824HTAM | 41500 [12.2]              | 28900 [8.5]             | 12600 [3.7]           | 14   | 11.5 | 1300 [613.5]     | 8049148 |
|                                                                      |                 | RCF4824STAM | 40000 [11.7]              | 29100 [8.5]             | 10900 [3.2]           | 13.5 | 11.5 | 1275 [601.7]     | 8049153 |

[ ] Designates Metric Conversions

## Performance Data @ AHRI Standard Conditions – Cooling (con't.)

| R96V, 96% AFUE 2-stage Variable Speed Multistage Gas Furnace Ratings |                 |             |                              |                            |                          |      |      |                     |         |
|----------------------------------------------------------------------|-----------------|-------------|------------------------------|----------------------------|--------------------------|------|------|---------------------|---------|
| Outdoor Unit                                                         | Furnace         | Indoor Coil | Total Capacity<br>BTU/H [kW] | Net Sensible<br>BTU/H [kW] | Net Latent<br>BTU/H [kW] | SEER | EER  | Indoor CFM<br>[L/s] | AHRI#   |
| RA1342AJ1                                                            | R96VA1002521MSA | RCF4821MTAM | 41000 [12.0]                 | 28400 [8.3]                | 12600 [3.7]              | 14   | 11.5 | 1250 [589.9]        | 8086677 |
|                                                                      |                 | RCF4821STAM | 40500 [11.9]                 | 30000 [8.8]                | 10500 [3.1]              | 13.5 | 11.5 | 1350 [637.1]        | 8049143 |
|                                                                      |                 | RCF4824HTAM | 42000 [12.3]                 | 29900 [8.8]                | 12100 [3.5]              | 14   | 11.5 | 1400 [660.7]        | 8049149 |
|                                                                      |                 | RCF4824STAM | 40500 [11.9]                 | 30000 [8.8]                | 10500 [3.1]              | 13.5 | 11.5 | 1350 [637.1]        | 8049154 |
| RA1342AJ1                                                            | R96VA1152524MSA | RCF4824HTAM | 41500 [12.2]                 | 28600 [8.4]                | 12900 [3.8]              | 14.5 | 12   | 1250 [589.9]        | 8049150 |
|                                                                      |                 | RCF4824STAM | 40000 [11.7]                 | 29000 [8.5]                | 11000 [3.2]              | 14   | 11.5 | 1250 [589.9]        | 8049155 |
| RA1348AC1                                                            | R96VA0852521MSB | RCF4821MTAM | 47500 [13.9]                 | 31000 [9.1]                | 16500 [4.8]              | 13.5 | 11.5 | 1275 [601.7]        | 8086724 |
|                                                                      |                 | RCF4821STAM | 46500 [13.6]                 | 31900 [9.3]                | 14600 [4.3]              | 13   | 11.5 | 1300 [613.5]        | 8049175 |
|                                                                      |                 | RCF4824HTAM | 48000 [14.1]                 | 34400 [10.1]               | 13600 [4.0]              | 13.5 | 11.5 | 1350 [637.1]        | 8049180 |
|                                                                      |                 | RCF4824STAM | 46500 [13.6]                 | 31900 [9.3]                | 14600 [4.3]              | 13   | 11.5 | 1300 [613.5]        | 8049185 |
| RA1348AC1                                                            | R96VA1002521MSA | RCF4821MTAM | 48000 [14.1]                 | 32000 [9.4]                | 16000 [4.7]              | 13.5 | 11.5 | 1350 [637.1]        | 8086725 |
|                                                                      |                 | RCF4821STAM | 47000 [13.8]                 | 32700 [9.6]                | 14300 [4.2]              | 13   | 11.5 | 1350 [637.1]        | 8049176 |
|                                                                      |                 | RCF4824HTAM | 48000 [14.1]                 | 34400 [10.1]               | 13600 [4.0]              | 13.5 | 11.5 | 1475 [696.1]        | 8049181 |
|                                                                      |                 | RCF4824STAM | 47000 [13.8]                 | 32700 [9.6]                | 14300 [4.2]              | 13   | 11.5 | 1350 [637.1]        | 8049186 |
| RA1348AC1                                                            | R96VA1152524MSA | RCF4824HTAM | 48000 [14.1]                 | 34400 [10.1]               | 13600 [4.0]              | 14   | 11.5 | 1350 [637.1]        | 8049182 |
|                                                                      |                 | RCF4824STAM | 46500 [13.6]                 | 31600 [9.3]                | 14900 [4.4]              | 13.5 | 11.5 | 1250 [589.9]        | 8049187 |
| RA1348AJ1                                                            | R96VA0852521MSB | RCF4821MTAM | 47500 [13.9]                 | 31000 [9.1]                | 16500 [4.8]              | 13.5 | 11.5 | 1275 [601.7]        | 8086760 |
|                                                                      |                 | RCF4821STAM | 46500 [13.6]                 | 31900 [9.3]                | 14600 [4.3]              | 13   | 11.5 | 1300 [613.5]        | 8049210 |
|                                                                      |                 | RCF4824HTAM | 48000 [14.1]                 | 34400 [10.1]               | 13600 [4.0]              | 13.5 | 11.5 | 1350 [637.1]        | 8049215 |
|                                                                      |                 | RCF4824STAM | 46500 [13.6]                 | 31900 [9.3]                | 14600 [4.3]              | 13   | 11.5 | 1300 [613.5]        | 8049220 |
| RA1348AJ1                                                            | R96VA1002521MSA | RCF4821MTAM | 48000 [14.1]                 | 32000 [9.4]                | 16000 [4.7]              | 13.5 | 11.5 | 1350 [637.1]        | 8086761 |
|                                                                      |                 | RCF4821STAM | 47000 [13.8]                 | 32700 [9.6]                | 14300 [4.2]              | 13   | 11.5 | 1350 [637.1]        | 8049211 |
|                                                                      |                 | RCF4824HTAM | 48000 [14.1]                 | 34400 [10.1]               | 13600 [4.0]              | 13.5 | 11.5 | 1475 [696.1]        | 8049216 |
|                                                                      |                 | RCF4824STAM | 47000 [13.8]                 | 32700 [9.6]                | 14300 [4.2]              | 13   | 11.5 | 1350 [637.1]        | 8049221 |
| RA1348AJ1                                                            | R96VA1152524MSA | RCF4824HTAM | 48000 [14.1]                 | 34400 [10.1]               | 13600 [4.0]              | 14   | 11.5 | 1350 [637.1]        | 8049217 |
|                                                                      |                 | RCF4824STAM | 46500 [13.6]                 | 31600 [9.3]                | 14900 [4.4]              | 13.5 | 11.5 | 1250 [589.9]        | 8049222 |
| RA1360AC1                                                            | R96VA0852521MSB | RCF6024HTAM | 56500 [16.6]                 | 40000 [11.7]               | 16500 [4.8]              | 13   | 11   | 1575 [743.3]        | 8049246 |
|                                                                      |                 | RCF6024STAM | 56500 [16.6]                 | 40000 [11.7]               | 16500 [4.8]              | 13   | 11   | 1575 [743.3]        | 8049251 |
| RA1360AC1                                                            | R96VA1002521MSA | RCF6021STAM | 54500 [16.0]                 | 35200 [10.3]               | 19300 [5.7]              | 13   | 11   | 1400 [660.7]        | 8086792 |
|                                                                      |                 | RCF6024HTAM | 56500 [16.6]                 | 40400 [11.8]               | 16100 [4.7]              | 13   | 11   | 1625 [766.9]        | 8049247 |
|                                                                      |                 | RCF6024STAM | 56500 [16.6]                 | 40400 [11.8]               | 16100 [4.7]              | 13   | 11   | 1625 [766.9]        | 8049252 |
| RA1360AC1                                                            | R96VA1152524MSA | RCF6024HTAM | 56500 [16.6]                 | 40000 [11.7]               | 16500 [4.8]              | 13.5 | 11.5 | 1575 [743.3]        | 8049248 |
|                                                                      |                 | RCF6024STAM | 56500 [16.6]                 | 40000 [11.7]               | 16500 [4.8]              | 13.5 | 11.5 | 1575 [743.3]        | 8049253 |
| RA1360AJ1                                                            | R96VA0852521MSB | RCF6024HTAM | 56500 [16.6]                 | 40000 [11.7]               | 16500 [4.8]              | 13   | 11   | 1575 [743.3]        | 8049277 |
|                                                                      |                 | RCF6024STAM | 56500 [16.6]                 | 40000 [11.7]               | 16500 [4.8]              | 13   | 11   | 1575 [743.3]        | 8049282 |
| RA1360AJ1                                                            | R96VA1002521MSA | RCF6021STAM | 54500 [16.0]                 | 35200 [10.3]               | 19300 [5.7]              | 13   | 11   | 1400 [660.7]        | 8086810 |
|                                                                      |                 | RCF6024HTAM | 56500 [16.6]                 | 40400 [11.8]               | 16100 [4.7]              | 13   | 11   | 1625 [766.9]        | 8049278 |
|                                                                      |                 | RCF6024STAM | 56500 [16.6]                 | 40400 [11.8]               | 16100 [4.7]              | 13   | 11   | 1625 [766.9]        | 8049283 |
| RA1360AJ1                                                            | R96VA1152524MSA | RCF6024HTAM | 56500 [16.6]                 | 40000 [11.7]               | 16500 [4.8]              | 13.5 | 11.5 | 1575 [743.3]        | 8049279 |
|                                                                      |                 | RCF6024STAM | 56500 [16.6]                 | 40000 [11.7]               | 16500 [4.8]              | 13.5 | 11.5 | 1575 [743.3]        | 8049284 |

[ ] Designates Metric Conversions

## Performance Data @ AHRI Standard Conditions – Cooling (con't.)

| Air Handler Ratings |              |                              |                            |                          |      |      |                     |         |
|---------------------|--------------|------------------------------|----------------------------|--------------------------|------|------|---------------------|---------|
| Outdoor Unit        | Air Handler  | Total Capacity<br>BTU/H [kW] | Net Sensible<br>BTU/H [kW] | Net Latent<br>BTU/H [kW] | SEER | EER  | Indoor CFM<br>[L/s] | AHRI#   |
| RA1318AJ1           | RF1T2421MTAN | 18000 [5.3]                  | 13400 [3.9]                | 4600 [1.3]               | 14.5 | 12   | 625 [295.0]         | 7886804 |
|                     | RBHP-17      | 17800 [5.2]                  | 11800 [3.5]                | 6000 [1.8]               | 14   | 11.5 | 600 [283.2]         | 7507406 |
|                     | RH1P1817STAN | 17700 [5.2]                  | 13200 [3.9]                | 4500 [1.3]               | 13   | 11.5 | 600 [283.2]         | 7507603 |
|                     | RH1T2417STAN | 18000 [5.3]                  | 13500 [4.0]                | 4500 [1.3]               | 14.5 | 12   | 600 [283.2]         | 7507604 |
|                     | RH1V2417STAN | 18000 [5.3]                  | 13600 [4.0]                | 4400 [1.3]               | 14.5 | 12   | 650 [306.8]         | 7507605 |
| RA1324AJ1           | RF1T2421MTAN | 24000 [7.0]                  | 17400 [5.1]                | 6600 [1.9]               | 14   | 11.5 | 800 [377.6]         | 7886807 |
|                     | RBHP-17      | 23800 [7.0]                  | 15700 [4.6]                | 8100 [2.4]               | 14   | 11.5 | 800 [377.6]         | 7507610 |
|                     | RH1P2417STAN | 23600 [6.9]                  | 17600 [5.2]                | 6000 [1.8]               | 13   | 11.5 | 800 [377.6]         | 7507835 |
|                     | RH1T2417STAN | 24000 [7.0]                  | 18000 [5.3]                | 6000 [1.8]               | 14.5 | 12   | 800 [377.6]         | 7507836 |
|                     | RH2T2421MTAN | 23600 [6.9]                  | 16500 [4.8]                | 7100 [2.1]               | 14   | 11.5 | 700 [330.4]         | 7507838 |
| RA1330AJ1           | RH1V2417STAN | 24000 [7.0]                  | 18200 [5.3]                | 5800 [1.7]               | 14   | 11.5 | 850 [401.2]         | 7507837 |
|                     | RF1P3024SPAN | 29200 [8.6]                  | 21400 [6.3]                | 7800 [2.3]               | 13   | 11.5 | 900 [424.8]         | 7886610 |
|                     | RF1T3624MTAN | 30000 [8.8]                  | 22900 [6.7]                | 7100 [2.1]               | 14.5 | 12   | 1025 [483.7]        | 7886612 |
|                     | RBHP-21      | 29600 [8.7]                  | 20200 [5.9]                | 9400 [2.8]               | 14.5 | 12   | 1000 [471.9]        | 7507845 |
|                     | RH1P3017STAN | 28600 [8.4]                  | 21700 [6.4]                | 6900 [2.0]               | 13   | 11.5 | 975 [460.1]         | 7508177 |
| RA1336AJ1           | RH1T3617STAN | 29000 [8.5]                  | 22200 [6.5]                | 6800 [2.0]               | 14.5 | 12   | 1000 [471.9]        | 7508178 |
|                     | RH1T3621HTAN | 30000 [8.8]                  | 22900 [6.7]                | 7100 [2.1]               | 15.5 | 13   | 1000 [471.9]        | 8086541 |
|                     | RH1T3621MTAN | 30000 [8.8]                  | 22100 [6.5]                | 7900 [2.3]               | 15   | 12.5 | 1000 [471.9]        | 7508179 |
|                     | RH1V3617STAN | 29000 [8.5]                  | 22300 [6.5]                | 6700 [2.0]               | 14   | 11.5 | 1025 [483.7]        | 7508180 |
|                     | RH1V3621HTAN | 30000 [8.8]                  | 22900 [6.7]                | 7100 [2.1]               | 15.5 | 13   | 1000 [471.9]        | 8086542 |
| RA1336AC1           | RH1V3621MTAN | 30000 [8.8]                  | 22100 [6.5]                | 7900 [2.3]               | 15   | 12.5 | 1000 [471.9]        | 7508181 |
|                     | RH2V3624HTAC | 32200 [9.4]                  | 24800 [7.3]                | 7400 [2.2]               | 15   | 12.5 | 1200 [566.3]        | 7508182 |
|                     | RF1P3624SPAN | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 13   | 11.5 | 1100 [519.1]        | 7886615 |
|                     | RF1T3624STAN | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 13   | 11.5 | 1100 [519.1]        | 7886618 |
|                     | RF1T3624MTAN | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 14.5 | 12   | 1025 [483.7]        | 7886621 |
| RA1336AJ1           | RBHP-21      | 36000 [10.6]                 | 24100 [7.1]                | 11900 [3.5]              | 14   | 11.5 | 1200 [566.3]        | 7508190 |
|                     | RH1P3017STAN | 34200 [10.0]                 | 23800 [7.0]                | 10400 [3.0]              | 13   | 11   | 950 [448.4]         | 7508541 |
|                     | RH1T3617STAN | 35200 [10.3]                 | 24900 [7.3]                | 10300 [3.0]              | 14   | 11.5 | 1000 [471.9]        | 7508542 |
|                     | RH1T3621HTAN | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 15   | 12.5 | 1200 [566.3]        | 8086559 |
|                     | RH1T3621MTAN | 36000 [10.6]                 | 25000 [7.3]                | 11000 [3.2]              | 14.5 | 12   | 1175 [554.5]        | 7508543 |
| RA1336AJ1           | RH1V3617STAN | 36000 [10.6]                 | 26800 [7.9]                | 9200 [2.7]               | 13.5 | 11.5 | 1225 [578.1]        | 7508544 |
|                     | RH1V3621HTAN | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 15   | 12.5 | 1200 [566.3]        | 8086570 |
|                     | RH1V3621MTAN | 36000 [10.6]                 | 25100 [7.4]                | 10900 [3.2]              | 14.5 | 12   | 1200 [566.3]        | 7508545 |
|                     | RH2V3624HTAC | 36000 [10.6]                 | 25000 [7.3]                | 11000 [3.2]              | 15   | 12.5 | 1200 [566.3]        | 7508546 |
|                     | RF1P3624SPAN | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 13   | 11.5 | 1100 [519.1]        | 7886624 |
| RA1336AJ1           | RF1T3624STAN | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 13   | 11.5 | 1100 [519.1]        | 7886626 |
|                     | RF1T3624MTAN | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 14.5 | 12   | 1025 [483.7]        | 7886628 |
|                     | RBHP-21      | 36000 [10.6]                 | 24100 [7.1]                | 11900 [3.5]              | 14   | 11.5 | 1200 [566.3]        | 7508556 |
|                     | RH1P3017STAN | 34200 [10.0]                 | 23800 [7.0]                | 10400 [3.0]              | 13   | 11   | 950 [448.4]         | 7508907 |
|                     | RH1T3617STAN | 35200 [10.3]                 | 24900 [7.3]                | 10300 [3.0]              | 14   | 11.5 | 1000 [471.9]        | 7508908 |
| RA1336AJ1           | RH1T3621HTAN | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 15   | 12.5 | 1200 [566.3]        | 8086597 |
|                     | RH1T3621MTAN | 36000 [10.6]                 | 25000 [7.3]                | 11000 [3.2]              | 14.5 | 12   | 1175 [554.5]        | 7508909 |
|                     | RH1V3617STAN | 36000 [10.6]                 | 26800 [7.9]                | 9200 [2.7]               | 13.5 | 11.5 | 1225 [578.1]        | 7508910 |
|                     | RH1V3621HTAN | 36000 [10.6]                 | 25400 [7.4]                | 10600 [3.1]              | 15   | 12.5 | 1200 [566.3]        | 8086598 |
|                     | RH1V3621MTAN | 36000 [10.6]                 | 25100 [7.4]                | 10900 [3.2]              | 14.5 | 12   | 1200 [566.3]        | 7508911 |
| RA1336AJ1           | RH2V3624HTAC | 36000 [10.6]                 | 25000 [7.3]                | 11000 [3.2]              | 15   | 12.5 | 1200 [566.3]        | 7508912 |

[ ] Designates Metric Conversions

## Performance Data @ AHRI Standard Conditions – Cooling (con't.)

| Air Handler Ratings |              |                              |                            |                          |      |      |                     |         |
|---------------------|--------------|------------------------------|----------------------------|--------------------------|------|------|---------------------|---------|
| Outdoor Unit        | Air Handler  | Total Capacity<br>BTU/H [kW] | Net Sensible<br>BTU/H [kW] | Net Latent<br>BTU/H [kW] | SEER | EER  | Indoor CFM<br>[L/s] | AHRI#   |
| RA1342AC1           | RBHP-24      | 40500 [11.9]                 | 26900 [7.9]                | 13600 [4.0]              | 14   | 11.5 | 1400 [660.7]        | 7511557 |
|                     | RH1T4821MTAN | 41500 [12.2]                 | 29700 [8.7]                | 11800 [3.5]              | 14   | 11.5 | 1400 [660.7]        | 8086653 |
|                     | RH1T4821STAN | 41000 [12.0]                 | 30800 [9.0]                | 10200 [3.0]              | 14   | 11.5 | 1400 [660.7]        | 7511783 |
|                     | RH2T4824MTAN | 42000 [12.3]                 | 29900 [8.8]                | 12100 [3.5]              | 14.5 | 12   | 1400 [660.7]        | 7511785 |
|                     | RH1V4821MTAN | 41500 [12.2]                 | 29700 [8.7]                | 11800 [3.5]              | 14   | 11.5 | 1425 [672.5]        | 8086654 |
|                     | RH1V4821STAN | 41000 [12.0]                 | 30800 [9.0]                | 10200 [3.0]              | 13.5 | 11.5 | 1400 [660.7]        | 7511784 |
| RA1342AJ1           | RH2V4824HTAC | 43500 [12.7]                 | 32600 [9.6]                | 10900 [3.2]              | 14   | 11.5 | 1600 [755.1]        | 7511786 |
|                     | RBHP-24      | 40500 [11.9]                 | 26900 [7.9]                | 13600 [4.0]              | 14   | 11.5 | 1400 [660.7]        | 7511791 |
|                     | RH1T4821MTAN | 41500 [12.2]                 | 29700 [8.7]                | 11800 [3.5]              | 14   | 11.5 | 1400 [660.7]        | 8086709 |
|                     | RH1T4821STAN | 41000 [12.0]                 | 30800 [9.0]                | 10200 [3.0]              | 14   | 11.5 | 1400 [660.7]        | 7512017 |
|                     | RH2T4824MTAN | 42000 [12.3]                 | 29900 [8.8]                | 12100 [3.5]              | 14.5 | 12   | 1400 [660.7]        | 7512019 |
|                     | RH1V4821MTAN | 41500 [12.2]                 | 29700 [8.7]                | 11800 [3.5]              | 14   | 11.5 | 1425 [672.5]        | 8086710 |
| RA1348AC1           | RH1V4821STAN | 41000 [12.0]                 | 30800 [9.0]                | 10200 [3.0]              | 13.5 | 11.5 | 1400 [660.7]        | 7512018 |
|                     | RH2V4824HTAC | 43500 [12.7]                 | 32600 [9.6]                | 10900 [3.2]              | 14   | 11.5 | 1600 [755.1]        | 7512020 |
|                     | RBHP-24      | 48000 [14.1]                 | 31700 [9.3]                | 16300 [4.8]              | 13.5 | 11.5 | 1600 [755.1]        | 7509922 |
|                     | RH1T4821MTAN | 48000 [14.1]                 | 34400 [10.1]               | 13600 [4.0]              | 14   | 11.5 | 1400 [660.7]        | 8086745 |
|                     | RH1T4821STAN | 47500 [13.9]                 | 33500 [9.8]                | 14000 [4.1]              | 13.5 | 11.5 | 1400 [660.7]        | 7509131 |
|                     | RH2T4824STAN | 48000 [14.1]                 | 35000 [10.3]               | 13000 [3.8]              | 13.5 | 11.5 | 1550 [731.5]        | 7509132 |
| RA1348AJ1           | RH2T4824MTAN | 48000 [14.1]                 | 32000 [9.4]                | 16000 [4.7]              | 14   | 11.5 | 1400 [660.7]        | 7509135 |
|                     | RH1V4821MTAN | 48000 [14.1]                 | 34400 [10.1]               | 13600 [4.0]              | 13.5 | 11.5 | 1625 [766.9]        | 8086746 |
|                     | RH1V4821STAN | 48000 [14.1]                 | 35100 [10.3]               | 12900 [3.8]              | 13   | 11.5 | 1575 [743.3]        | 7509133 |
|                     | RH1V4824STAN | 48000 [14.1]                 | 35500 [10.4]               | 12500 [3.7]              | 13.5 | 11.5 | 1625 [766.9]        | 7509134 |
|                     | RH2V4824HTAC | 51000 [14.9]                 | 36400 [10.7]               | 14600 [4.3]              | 14   | 11.5 | 1600 [755.1]        | 7509136 |
|                     | RBHP-24      | 48000 [14.1]                 | 31700 [9.3]                | 16300 [4.8]              | 13.5 | 11.5 | 1600 [755.1]        | 7509147 |
| RA1348AJ1           | RH1T4821MTAN | 48000 [14.1]                 | 34400 [10.1]               | 13600 [4.0]              | 14   | 11.5 | 1400 [660.7]        | 8086781 |
|                     | RH1T4821STAN | 47500 [13.9]                 | 33500 [9.8]                | 14000 [4.1]              | 13.5 | 11.5 | 1400 [660.7]        | 7509274 |
|                     | RH1T4824STAN | 48000 [14.1]                 | 35000 [10.3]               | 13000 [3.8]              | 13.5 | 11.5 | 1550 [731.5]        | 7509275 |
|                     | RH2T4824MTAN | 48000 [14.1]                 | 32000 [9.4]                | 16000 [4.7]              | 14   | 11.5 | 1400 [660.7]        | 7509278 |
|                     | RH1V4821MTAN | 48000 [14.1]                 | 34400 [10.1]               | 13600 [4.0]              | 13.5 | 11.5 | 1625 [766.9]        | 8086782 |
|                     | RH1V4821STAN | 48000 [14.1]                 | 35100 [10.3]               | 12900 [3.8]              | 13   | 11.5 | 1575 [743.3]        | 7509276 |
| RA1360AC1           | RH1V4824STAN | 48000 [14.1]                 | 35500 [10.4]               | 12500 [3.7]              | 13.5 | 11.5 | 1625 [766.9]        | 7509277 |
|                     | RH2V4824HTAC | 51000 [14.9]                 | 36400 [10.7]               | 14600 [4.3]              | 14   | 11.5 | 1600 [755.1]        | 7509279 |
|                     | RBHP-25      | 55000 [16.1]                 | 38300 [11.2]               | 16700 [4.9]              | 13   | 11   | 1800 [849.5]        | 7509290 |
|                     | RH1T6021STAN | 56000 [16.4]                 | 39300 [11.5]               | 16700 [4.9]              | 13   | 11   | 1750 [825.9]        | 8086799 |
|                     | RH1T6024STAN | 57000 [16.7]                 | 40600 [11.9]               | 16400 [4.8]              | 13.5 | 11.5 | 1600 [755.1]        | 7509404 |
|                     | RH2T6024STAN | 57000 [16.7]                 | 40600 [11.9]               | 16400 [4.8]              | 13.5 | 11.5 | 1600 [755.1]        | 7509406 |
| RA1360AJ1           | RH1V6021STAN | 56000 [16.4]                 | 39000 [11.4]               | 17000 [5.0]              | 13   | 11   | 1700 [802.3]        | 8086800 |
|                     | RH1V6024STAN | 57000 [16.7]                 | 40600 [11.9]               | 16400 [4.8]              | 14   | 11.5 | 1600 [755.1]        | 7509405 |
|                     | RBHP-25      | 55000 [16.1]                 | 38300 [11.2]               | 16700 [4.9]              | 13   | 11   | 1800 [849.5]        | 7509412 |
|                     | RH1T6021STAN | 56000 [16.4]                 | 39300 [11.5]               | 16700 [4.9]              | 13   | 11   | 1750 [825.9]        | 8086817 |
|                     | RH1T6024STAN | 57000 [16.7]                 | 40600 [11.9]               | 16400 [4.8]              | 13.5 | 11.5 | 1600 [755.1]        | 7509526 |
|                     | RH2T6024STAN | 57000 [16.7]                 | 40600 [11.9]               | 16400 [4.8]              | 13.5 | 11.5 | 1600 [755.1]        | 7509528 |
| RA1360AJ1           | RH1V6021STAN | 56000 [16.4]                 | 39000 [11.4]               | 17000 [5.0]              | 13   | 11   | 1700 [802.3]        | 8086818 |
|                     | RH1V6024STAN | 57000 [16.7]                 | 40600 [11.9]               | 16400 [4.8]              | 14   | 11.5 | 1600 [755.1]        | 7509527 |

[ ] Designates Metric Conversions

## Performance Data @ AHRI Standard Conditions – Cooling (con't.)

| RHWB Hydronic Air Handler Ratings |                      |             |                              |                            |                          |      |      |                     |         |
|-----------------------------------|----------------------|-------------|------------------------------|----------------------------|--------------------------|------|------|---------------------|---------|
| Outdoor Unit                      | Hydronic Air Handler | Indoor Coil | Total Capacity<br>BTU/H [kW] | Net Sensible<br>BTU/H [kW] | Net Latent<br>BTU/H [kW] | SEER | EER  | Indoor CFM<br>[L/s] | AHRI#   |
| RA1324AJ1                         | RHWB-04WMX36B        | RCF2417HTAM | 24000 [7 0]                  | 17900 [5 2]                | 6100 [1 8]               | 14.5 | 12   | 875 [413 0]         | 8048996 |
|                                   |                      | RCF2417MTAM | 24000 [7 0]                  | 17900 [5 2]                | 6100 [1 8]               | 14   | 11.5 | 875 [413 0]         | 8048997 |
|                                   |                      | RCF2417STAM | 24000 [7 0]                  | 17900 [5 2]                | 6100 [1 8]               | 14   | 11.5 | 875 [413 0]         | 8048998 |
|                                   |                      | RCF2421MTAM | 24000 [7 0]                  | 17900 [5 2]                | 6100 [1 8]               | 14   | 11.5 | 875 [413 0]         | 8049002 |
|                                   |                      | RCF2421HTAM | 24000 [7 0]                  | 17900 [5 2]                | 6100 [1 8]               | 14   | 11.5 | 875 [413 0]         | 8049000 |
| RA1330AJ1                         | RHWB-04WMX36B        | RCF3617STAM | 28400 [8 3]                  | 21200 [6 2]                | 7200 [2 1]               | 14   | 11.5 | 875 [413 0]         | 8049008 |
|                                   |                      | RCF3621MTAM | 30000 [8 8]                  | 22900 [6 7]                | 7100 [2 1]               | 14.5 | 12   | 1075 [507 3]        | 8049012 |
|                                   |                      | RCF3621STAM | 28600 [8 4]                  | 21500 [6 3]                | 7100 [2 1]               | 14   | 11.5 | 900 [424 8]         | 8049016 |
| RA1330AJ1                         | RHWB-06WMX48B        | RCF3617STAM | 29000 [8 5]                  | 22100 [6 5]                | 6900 [2 0]               | 14   | 11.5 | 975 [460 1]         | 8049009 |
|                                   |                      | RCF3621MTAM | 30000 [8 8]                  | 22900 [6 7]                | 7100 [2 1]               | 14.5 | 12   | 1000 [471 9]        | 8049013 |
|                                   |                      | RCF3621STAM | 29000 [8 5]                  | 22200 [6 5]                | 6800 [2 0]               | 14   | 11.5 | 1000 [471 9]        | 8049017 |
| RA1336AC1                         | RHWB-04WMX36B        | RCF3617STAM | 34800 [10 2]                 | 24700 [7 2]                | 10100 [3 0]              | 13.5 | 11.5 | 1025 [483 7]        | 8049040 |
|                                   |                      | RCF3621MTAM | 36000 [10 6]                 | 25400 [7 4]                | 10600 [3 1]              | 14   | 11.5 | 1200 [566 3]        | 8049044 |
|                                   |                      | RCF3621STAM | 35000 [10 3]                 | 25000 [7 3]                | 10000 [2 9]              | 13.5 | 11.5 | 1050 [495 5]        | 8049048 |
| RA1336AC1                         | RHWB-06WMX48B        | RCF3617STAM | 34800 [10 2]                 | 24500 [7 2]                | 10300 [3 0]              | 13.5 | 11.5 | 975 [460 1]         | 8049041 |
|                                   |                      | RCF3621MTAM | 36000 [10 6]                 | 25400 [7 4]                | 10600 [3 1]              | 14.5 | 12   | 1000 [471 9]        | 8049045 |
|                                   |                      | RCF3621STAM | 34800 [10 2]                 | 24500 [7 2]                | 10300 [3 0]              | 13.5 | 11.5 | 975 [460 1]         | 8049049 |
| RA1336AJ1                         | RHWB-04WMX36B        | RCF3617STAM | 34800 [10 2]                 | 24700 [7 2]                | 10100 [3 0]              | 13.5 | 11.5 | 1025 [483 7]        | 8049074 |
|                                   |                      | RCF3621MTAM | 36000 [10 6]                 | 25400 [7 4]                | 10600 [3 1]              | 14   | 11.5 | 1200 [566 3]        | 8049078 |
|                                   |                      | RCF3621STAM | 35000 [10 3]                 | 25000 [7 3]                | 10000 [2 9]              | 13.5 | 11.5 | 1050 [495 5]        | 8049082 |
| RA1336AJ1                         | RHWB-06WMX48B        | RCF3617STAM | 34800 [10 2]                 | 24500 [7 2]                | 10300 [3 0]              | 13.5 | 11.5 | 975 [460 1]         | 8049075 |
|                                   |                      | RCF3621MTAM | 36000 [10 6]                 | 25400 [7 4]                | 10600 [3 1]              | 14.5 | 12   | 1000 [471 9]        | 8049079 |
|                                   |                      | RCF3621STAM | 34800 [10 2]                 | 24500 [7 2]                | 10300 [3 0]              | 13.5 | 11.5 | 975 [460 1]         | 8049083 |
| RA1342AC1                         | RHWB-04WMX36B        | RCF4821MTAM | 40000 [11 7]                 | 26600 [7 8]                | 13400 [3 9]              | 14   | 11.5 | 1100 [519 1]        | 8086644 |
|                                   |                      | RCF4821STAM | 39500 [11 6]                 | 28200 [8 3]                | 11300 [3 3]              | 13.5 | 11.5 | 1200 [566 3]        | 8049112 |
|                                   |                      | RCF4821MTAM | 41000 [12 0]                 | 29100 [8 5]                | 11900 [3 5]              | 13.5 | 11.5 | 1375 [648 9]        | 8086645 |
| RA1342AC1                         | RHWB-06WMX48B        | RCF4821MTAM | 40000 [11 7]                 | 29000 [8 5]                | 11000 [3 2]              | 13.5 | 11.5 | 1250 [589 9]        | 8049113 |
|                                   |                      | RCF4821STAM | 40000 [11 7]                 | 26600 [7 8]                | 13400 [3 9]              | 14   | 11.5 | 1100 [519 1]        | 8086700 |
|                                   |                      | RCF4821MTAM | 39500 [11 6]                 | 28200 [8 3]                | 11300 [3 3]              | 13.5 | 11.5 | 1200 [566 3]        | 8049144 |
| RA1342AJ1                         | RHWB-06WMX48B        | RCF4821MTAM | 41000 [12 0]                 | 29100 [8 5]                | 11900 [3 5]              | 13.5 | 11.5 | 1375 [648 9]        | 8086701 |
|                                   |                      | RCF4821STAM | 40000 [11 7]                 | 29000 [8 5]                | 11000 [3 2]              | 13.5 | 11.5 | 1250 [589 9]        | 8049145 |
|                                   |                      | RCF4821MTAM | 47500 [13 9]                 | 31300 [9 2]                | 16200 [4 7]              | 13   | 11.5 | 1325 [625 3]        | 8086739 |
| RA1348AC1                         | RHWB-04WMX36B        | RCF4821STAM | 46500 [13 6]                 | 32000 [9 4]                | 14500 [4 2]              | 13   | 11   | 1325 [625 3]        | 8049177 |
|                                   |                      | RCF4821MTAM | 48000 [14 1]                 | 32000 [9 4]                | 16000 [4 7]              | 13   | 11.5 | 1350 [637 1]        | 8086740 |
| RA1348AC1                         | RHWB-06WMX48B        | RCF4821MTAM | 48000 [14 1]                 | 32000 [9 4]                | 16000 [4 7]              | 13   | 11.5 | 1350 [637 1]        | 8086740 |
| RA1348AC1                         | RHWB-08WRX60B        | RCF4824STAM | 47000 [13 8]                 | 32500 [9 5]                | 14500 [4 2]              | 13.5 | 11.5 | 1325 [625 3]        | 8049188 |
| RA1348AC1                         | RHWB-10WRX60B        | RCF4824STAM | 48000 [14 1]                 | 34600 [10 1]               | 13400 [3 9]              | 13.5 | 11.5 | 1500 [707 9]        | 8049189 |
| RA1348AJ1                         | RHWB-04WMX36B        | RCF4821MTAM | 47500 [13 9]                 | 31300 [9 2]                | 16200 [4 7]              | 13   | 11.5 | 1325 [625 3]        | 8086775 |
|                                   |                      | RCF4821STAM | 46500 [13 6]                 | 32000 [9 4]                | 14500 [4 2]              | 13   | 11   | 1325 [625 3]        | 8049212 |
| RA1348AJ1                         | RHWB-06WMX48B        | RCF4821MTAM | 48000 [14 1]                 | 32000 [9 4]                | 16000 [4 7]              | 13   | 11.5 | 1350 [637 1]        | 8086776 |
| RA1348AJ1                         | RHWB-08WRX60B        | RCF4824STAM | 47000 [13 8]                 | 32500 [9 5]                | 14500 [4 2]              | 13.5 | 11.5 | 1325 [625 3]        | 8049223 |
| RA1348AJ1                         | RHWB-10WRX60B        | RCF4824STAM | 48000 [14 1]                 | 34600 [10 1]               | 13400 [3 9]              | 13.5 | 11.5 | 1500 [707 9]        | 8049224 |
| RA1360AC1                         | RHWB-08WRX60B        | RCF6024STAM | 56000 [16 4]                 | 38900 [11 4]               | 17100 [5 0]              | 13.5 | 11.5 | 1500 [707 9]        | 8049254 |
| RA1360AC1                         | RHWB-10WRX60B        | RCF6024STAM | 57500 [16 9]                 | 42200 [12 4]               | 15300 [4 5]              | 13.5 | 11.5 | 1725 [814 1]        | 8049255 |
| RA1360AJ1                         | RHWB-08WRX60B        | RCF6024STAM | 56000 [16 4]                 | 38900 [11 4]               | 17100 [5 0]              | 13.5 | 11.5 | 1500 [707 9]        | 8049285 |
| RA1360AJ1                         | RHWB-10WRX60B        | RCF6024STAM | 57500 [16 9]                 | 42200 [12 4]               | 15300 [4 5]              | 13.5 | 11.5 | 1725 [814 1]        | 8049286 |

[ ] Designates Metric Conversions

## GUIDE SPECIFICATIONS

### General

#### System Description

Outdoor-mounted, air-cooled, split-system air conditioner composite base pan unit suitable for ground or rooftop installation. Unit consists of a hermetic compressor, an air-cooled coil, propeller-type condenser fan, suction and legend line service valve, and a control box. Unit will discharge supply air upward as shown on contract drawings. Unit will be used in a refrigeration circuit to match up to a coil unit.

#### Quality Assurance

- Unit will be rated in accordance with the latest edition of AHRI Standard 210
- Unit will be certified for capacity and efficiency, and listed in the latest AHRI directory
- Unit construction will comply with latest edition of ANSI/ASHRAE and with NEC.
- Unit will be constructed in accordance with UL standards and will carry the UL label of approval. Unit will have c-UL-us approval
- Unit cabinet will be capable of withstanding ASTM B117 1000-hr salt spray test.
- Air-cooled condenser coils will be leak tested at 150 psig and pressure tested at 550 psig
- Unit constructed in ISO9001 approved facility.

#### Delivery, Storage, and Handling

- Unit will be shipped as single package only and is stored and handled per unit manufacturer's recommendations.

**Warranty (for inclusion by specifying engineer)** — U S and Canada only.

### Products

#### Equipment

Factory assembled, single piece, air-cooled air conditioner unit. Contained within the unit enclosure is all factory wiring, piping, controls, compressor, refrigerant charge R-410A, and special features required prior to field start-up.

#### Unit Cabinet

- Unit cabinet will be constructed of galvanized steel, bonderized, and coated with a powder coat paint.
- All units constructed with louver coil protection and corner post. Louver can be removed by removing one fastener per louver panel

### AIR-COOLED, SPLIT-SYSTEM AIR CONDITIONER

#### RA13

#### 1-1/2 TO 5 NOMINAL TONS

##### Fans

- Condenser fan will be direct-drive propeller type, discharging air upward
- Condenser fan motors will be totally enclosed, 1-phase type with class B insulation and permanently lubricated bearings. Shafts will be corrosion resistant
- Fan blades will be statically and dynamically balanced
- Condenser fan openings will be equipped with coated steel wire safety guards.

##### Compressor

- Compressor will be hermetically sealed
- Compressor will be mounted on rubber vibration isolators

##### Condenser Coil

- Condenser coil will be air cooled.
- Coil will be constructed of aluminum fins mechanically bonded to copper tubes.

##### Refrigeration Components

- Refrigeration circuit components will include liquid-line shutoff valve with sweat connections, vapor-line shutoff valve with sweat connections, system charge of R-410A refrigerant, and compressor oil.
- Unit will be equipped with filter drier for R-410A refrigerant for field installation.

##### Operating Characteristics

- The capacity of the unit will meet or exceed \_\_\_\_ Btuh at a suction temperature of \_\_\_\_ °F/°C. The power consumption at full load will not exceed \_\_\_\_ kW.
- Combination of the unit and the evaporator or fan coil unit will have a total net cooling capacity of \_\_\_\_ Btuh or greater at conditions of \_\_\_\_ CFM entering air temperature at the evaporator at \_\_\_\_ °F/°C wet bulb and \_\_\_\_ °F/°C dry bulb, and air entering the unit at \_\_\_\_ °F/°C
- The system will have a SEER of \_\_\_\_ Btuh/watt or greater at DOE conditions.

##### Electrical Requirements

- Nominal unit electrical characteristics will be \_\_\_\_ v, single phase, 60 Hz. The unit will be capable of satisfactory operation within voltage limits of \_\_\_\_ v to \_\_\_\_ v
- Nominal unit electrical characteristics will be \_\_\_\_ v, three phase, 60 Hz. The unit will be capable of satisfactory operation within voltage limits of \_\_\_\_ v to \_\_\_\_ v
- Unit electrical power will be single point connection.
- Control circuit will be 24v

##### Special Features

- Refer to section of this literature identifying accessories and descriptions for specific features and available enhancements

#### 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.

\*For complete details of the Limited and Conditional Warranties, including applicable terms and conditions, contact your local contractor or the Manufacturer for a copy of the product warranty certificate

Conditional Parts  
(Registration Required) . . . . . Ten (10) Years



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

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# CHIMNEY VERIFICATION FOR REPLACEMENT OF FUEL-FIRED EQUIPMENT

BLOCK 839 LOT 37 QUALIFICATION CODE \_\_\_\_\_ PERMIT # \_\_\_\_\_  
 WORK SITE ADDRESS 1107 Hoffman St  
 Owner in Fee Patricia Moran  
 Verifying Individual Frank Casey Company NIR Home Services  
 Address 1415 Wyckoff Rd Wall NJ 07719  
 Street City State Zip Code  
 Tel (732) 919-8172 Fax (732) 938-3468

## Check the Appropriate Box(es):

### Type of Replacement:

- ☐ Oil to Gas Conversion  
☐ Gas to Oil Conversion  
☒ Gas Appliance Replacement  
☐ Oil to Oil Replacement  
☐ Other \_\_\_\_\_

### Existing Vent/Chimney:

- ☐ "B" Label Vent  
☐ "L" Label Vent  
☒ Flexible Liner  
☐ Power Vent/Exhauster

### Size

- ☐ Chimney-Interior  
☐ Chimney-Exterior  
☐ Masonry Chimney-Tile Lined  
☐ Masonry Chimney-Unlined  
☐ Other \_\_\_\_\_

### Type

Appliance 1. WH  
 Appliance 2. WH  
 Appliance 3. \_\_\_\_\_

### Fuel Type

Oil / Gas / Other Gas  
 Oil / Gas / Other Gas  
 Oil / Gas / Other \_\_\_\_\_

### BTU Rating (input/hour)

160K  
40K  
 \_\_\_\_\_

## CHIMNEY LINER

If a chimney liner is being installed, all documentation on the liner must accompany the Permit application

Manufacturer \_\_\_\_\_ Model \_\_\_\_\_ UL Listing \_\_\_\_\_

Material of Liner. Stainless Steel \_\_\_\_\_ Aluminum \_\_\_\_\_

Size of Appliance Vent \_\_\_\_\_ Size of Liner \_\_\_\_\_ Height of Chimney. \_\_\_\_\_

Length of Connector \_\_\_\_\_ Vent Connector Rise \_\_\_\_\_

How does the appliance vent? ☐ Natural Draft ☐ Fan-assisted ☐ Other \_\_\_\_\_

## PLEASE SIGN ONE OF THE FOLLOWING VERIFICATION STATEMENTS

### For Oil or Coal to Gas Conversions:

I have verified that the chimney/vent is in good repair and clear of obstruction and is substantially clean of residue from its previous use serving an oil or coal appliance. I have verified that the chimney/vent is appropriately lined and sized for the appliance(s) being installed

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

### Oil to Oil or Gas to Gas Replacements or New/Additional Appliances:

I have verified that the existing chimney/vent is in good repair and clear of obstruction. I have verified that the existing chimney/vent is appropriately lined and sized for the appliance(s) being installed and/or remaining

Signature Frank Casey Date 4/26/18

### Direct Vent Appliance:

I hereby verify that the appliance(s) being installed is a direct vent appliance. I further verify that the existing chimney/vent is appropriately lined and sized for any remaining appliances.

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

### Verification Not Submitted:

I choose not to submit verification. I understand that I will be required to be present for the inspection to remove and reinstall the chimney vent connector

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

FOR MINOR AND EMERGENCY WORK, THIS FORM MUST BE PROVIDED WITH YOUR PERMIT APPLICATION. FOR ALL OTHER WORK, THIS FORM MUST BE PRESENTED TO THE CODE OFFICIAL PRIOR TO FINAL INSPECTION

All applicable information requested on this form must be supplied.

This form may not be submitted by a homeowner in lieu of the required inspection

Lot - 37  
BIC - 838

RESIDENTIAL REPLACEMENT OF FURNACE/BOILER  
(IN LIEU OF MANUAL S)

BOILER REPLACEMENT

OLD BTU INPUT \_\_\_\_\_ OUTPUT \_\_\_\_\_ I=B=R OUTPUT \_\_\_\_\_

NEW BTU INPUT \_\_\_\_\_ OUTPUT \_\_\_\_\_ OUTPUT \_\_\_\_\_

FURNACE REPLACEMENT

OLD BTU INPUT 100K OUTPUT 80K

NEW BTU INPUT 100K OUTPUT 80K

New A/C REPLACEMENT

OLD UNIT \_\_\_\_\_ BTU

NEW UNIT 2.5 <sup>750</sup> BTU

AND/OR

HEAT LOSS/HEAT GAIN

IF YOU DON'T HAVE OLD UNIT SPECIFICATIONS, YOU WILL HAVE TO  
SUBMIT A HEAT LOSS/HEAT GAIN (MANUAL J & MANUALS)

IF THE NEW UNIT BTU IS LESS THAN THE OLD UNIT BTU YOU WILL HAVE  
TO SUBMIT A HEAT LOSS/HEAT GAIN

WE ALSO WILL NEED  
COPY OF THE BROCHURE/SPECS OF THE NEW FURNACE/BOILER /AC UNIT  
(NOT THE INSTALLATION GUIDE)

CHIMNEY CERTIFICATION (CANNOT BE CERTIFIED BY  
HOMEOWNER)

**State Of New Jersey  
New Jersey Office of the Attorney General  
Division of Consumer Affairs**

THIS IS TO CERTIFY THAT THE  
**Board of Exam. of HVACR Contractors**

**HAS LICENSED**

**Francis J. Casey  
2425 Moore Avenue  
Point Pleasant Boro NJ 08742**

**FOR PRACTICE IN NEW JERSEY AS A(N): Master HVACR Contractor**

**05/04/2016 TO 06/30/2018**

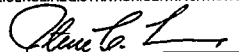
**VALID**

**19HC00366400**

**LICENSE/REGISTRATION/CERTIFICATION #**



**Signature of Licensee/Registrant/Certificate Holder**



**ACTING DIRECTOR**

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**State Of New Jersey**  
**New Jersey Office of the Attorney General**  
**Division of Consumer Affairs**

THIS IS TO CERTIFY THAT THE  
**Division of Consumer Affairs**

HAS REGISTERED

**NJR HOME SERVICES COMPANY**  
**Frank Casey, Manager-NJRHS Operations**  
**1415 Wyckoff Road**  
**Wall NJ 07719**

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

**03/08/2018 TO 03/31/2019**

VALID

**13VH00361500**

LICENSE/REGISTRATION/CERTIFICATION #

  
Signature of Licensee/Registrant/Candidate Holder

  
ACTING DIRECTOR



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# NEW JERSEY DIVISION OF CONSUMER AFFAIRS

Sharon  
Acting

## License Information

Accurate as of April 30, 2018 10:55 AM

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Address Wall, NJ

Profession/License Type Master Plumbers, Master Plumber

License No 36BI00969200

License Status Active

Status Change Reason

Issue Date 5/11/1993

Expiration Date 6/30/2019

NO Board Actions For more information contact New Jersey State Board of Examiners of Master Plumbers - (973) 504-6420

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